

ORIGINAL

TP-00843

TP-00843

NOAA FORM 76-35

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

## DESCRIPTIVE REPORT

Type of Survey ..... Shoreline .....

Job No. .... CM-7415 ..... Map No. TP-00843...

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

Field Edited Map

### LOCALITY

State ..... Maryland .....

General Locality ..... Baltimore Harbor .....

Locality ..... Sollers Point .....

1974 TO 1975

### REGISTRY IN ARCHIVES

DATE .....

|                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                |                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| <b>NOAA FORM 76-36A</b><br>(3-72)                                                                                                                                                                                  |  | <b>U. S. DEPARTMENT OF COMMERCE</b><br>NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.                                                                                                                                                                 |                                                                          |
| <b>DESCRIPTIVE REPORT - DATA RECORD</b>                                                                                                                                                                            |  | TYPE OF SURVEY<br><input checked="" type="checkbox"/> ORIGINAL<br><input type="checkbox"/> RESURVEY<br><input type="checkbox"/> REVISED                                                                                                        |                                                                          |
| PHOTOGRAMMETRIC OFFICE<br>Coastal Mapping Division<br>Atlantic Marine Center, Norfolk, VA                                                                                                                          |  | SURVEY TP. <u>00843</u><br>MAP EDITION NO. <u>(1)</u><br>MAP CLASS <u>Final</u><br>JOB <u>CM-7415</u>                                                                                                                                          |                                                                          |
| OFFICER-IN-CHARGE<br><br>Jeffrey G. Carlen, Cdr.                                                                                                                                                                   |  | LAST PRECEDING MAP EDITION<br>TYPE OF SURVEY<br><input type="checkbox"/> ORIGINAL<br><input type="checkbox"/> RESURVEY<br><input type="checkbox"/> REVISED<br>JOB <u>PH-</u><br>MAP CLASS <u></u><br>SURVEY DATES:<br>19 <u></u> TO 19 <u></u> |                                                                          |
| <b>I. INSTRUCTIONS DATED</b>                                                                                                                                                                                       |  |                                                                                                                                                                                                                                                |                                                                          |
| <b>1. OFFICE</b>                                                                                                                                                                                                   |  | <b>2. FIELD</b>                                                                                                                                                                                                                                |                                                                          |
| Aerotriangulation<br>Compilation                                                                                                                                                                                   |  | 2/07/75<br>3/12/75<br><br>August 16, 1974                                                                                                                                                                                                      |                                                                          |
| <b>II. DATUMS</b>                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                                |                                                                          |
| 1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN                                                                                                                                             |  | OTHER (Specify)                                                                                                                                                                                                                                |                                                                          |
| 2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER<br><input checked="" type="checkbox"/> MEAN LOW-WATER<br><input type="checkbox"/> MEAN LOWER LOW-WATER<br><input type="checkbox"/> MEAN SEA LEVEL |  | OTHER (Specify)                                                                                                                                                                                                                                |                                                                          |
| 3. MAP PROJECTION<br><br>Polyconic                                                                                                                                                                                 |  | 4. GRID(S)<br>STATE <u>Maryland</u> ZONE <u></u>                                                                                                                                                                                               |                                                                          |
| 5. SCALE<br>1:5,000                                                                                                                                                                                                |  | STATE <u></u> ZONE <u></u>                                                                                                                                                                                                                     |                                                                          |
| <b>III. HISTORY OF OFFICE OPERATIONS</b>                                                                                                                                                                           |  |                                                                                                                                                                                                                                                |                                                                          |
| <b>OPERATIONS</b>                                                                                                                                                                                                  |  | <b>NAME</b>                                                                                                                                                                                                                                    | <b>DATE</b>                                                              |
| 1. AEROTRIANGULATION<br>METHOD: <u>Analytic</u>                                                                                                                                                                    |  | BY <u>I. Rayborn</u>                                                                                                                                                                                                                           | <u>1/75</u>                                                              |
| 2. CONTROL AND BRIDGE POINTS<br>METHOD: <u>Calcomp</u>                                                                                                                                                             |  | PLOTTED BY <u>R. Robertson</u><br>CHECKED BY <u>R. Robertson</u>                                                                                                                                                                               | <u>4/75</u><br><u>4/75</u>                                               |
| 3. STEREOSCOPIC INSTRUMENT<br>COMPILATION<br>INSTRUMENT: <u>Wild B-8</u><br>SCALE: <u>1:7,500</u>                                                                                                                  |  | PLANIMETRY BY <u>J. D. Roderick</u><br>CHECKED BY <u>L. O. Neterer, Jr.</u><br>CONTOURS BY <u>NA</u><br>CHECKED BY <u>NA</u>                                                                                                                   | <u>9/75</u><br><u>9/75</u><br><u></u><br><u></u>                         |
| 4. MANUSCRIPT DELINEATION<br>METHOD: <u>Smooth Drafted</u><br>SCALE: <u>1:5,000</u>                                                                                                                                |  | PLANIMETRY BY <u>F. Mauldin</u><br>CHECKED BY <u>F. Margiotta (Partial)</u><br>CONTOURS BY <u>NA</u><br>CHECKED BY <u>NA</u><br>HYDRO SUPPORT DATA BY <u>NA</u><br>CHECKED BY <u>NA</u>                                                        | <u>11/75</u><br><u>11/75</u><br><u></u><br><u></u><br><u></u><br><u></u> |
| 5. OFFICE INSPECTION PRIOR TO FIELD EDIT                                                                                                                                                                           |  | BY <u>F. Margiotta (Partial)</u>                                                                                                                                                                                                               | <u>11/75</u>                                                             |
| 6. APPLICATION OF FIELD EDIT DATA                                                                                                                                                                                  |  | BY <u>F. Mauldin</u><br>CHECKED BY <u>A. L. Shands</u>                                                                                                                                                                                         | <u>1/76</u><br><u>2/76</u>                                               |
| 7. COMPILATION SECTION REVIEW                                                                                                                                                                                      |  | BY <u>A. L. Shands</u>                                                                                                                                                                                                                         | <u>2/76</u>                                                              |
| 8. FINAL REVIEW                                                                                                                                                                                                    |  | BY <u>C. H. Bishop</u>                                                                                                                                                                                                                         | <u>4/77</u>                                                              |
| 9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH                                                                                                                                                                        |  | BY <u>C. H. Bishop</u>                                                                                                                                                                                                                         | <u>5/77</u>                                                              |
| 10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH                                                                                                                                                                        |  | BY <u>J. B. Phillips</u>                                                                                                                                                                                                                       | <u>6/77</u>                                                              |
| 11. MAP REGISTERED - COASTAL SURVEY SECTION                                                                                                                                                                        |  | BY <u>R. T. Cator</u>                                                                                                                                                                                                                          | <u>1/77</u>                                                              |

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

TP-00843

## COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

|                                                                  |          |                                                 |          |                                              |  |
|------------------------------------------------------------------|----------|-------------------------------------------------|----------|----------------------------------------------|--|
| CAMERA(S)<br>Wild RC-8 "E" and RC-10 "C"                         |          | TYPES OF PHOTOGRAPHY<br>LEGEND                  |          | TIME REFERENCE                               |  |
| TIDE STAGE REFERENCE BALTIMORE                                   |          | X (C) COLOR<br>(P) PANCHROMATIC<br>(I) INFRARED |          | ZONE                                         |  |
| <input checked="" type="checkbox"/> PREDICTED TIDES Fort McHenry |          |                                                 |          | Eastern                                      |  |
| <input type="checkbox"/> REFERENCE STATION RECORDS               |          |                                                 |          | MERIDIAN                                     |  |
| <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY             |          |                                                 |          | 75th                                         |  |
|                                                                  |          |                                                 |          | <input checked="" type="checkbox"/> STANDARD |  |
|                                                                  |          |                                                 |          | <input type="checkbox"/> DAYLIGHT            |  |
| NUMBER AND TYPE                                                  | DATE     | TIME                                            | SCALE    | STAGE OF TIDE                                |  |
| *74E(C)7352 - 7355                                               | 10/21/74 | 11:33                                           | 1:15,000 | 0.8 ft. above MLW                            |  |
| **74C(C)825                                                      | 10/05/74 | 11:05                                           | 1:30,000 | 0.8 ft. above MLW                            |  |
| *74E(C)7333 - 7334                                               | 10/21/74 | 11:13                                           | 1:15,000 | 0.9 ft. above MLW                            |  |

## REMARKS

\*Compilation photography  
\*\*Bridge photography

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

line  
The mean high water<sub>A</sub> was compiled from office interpretation of the above listed photographs.

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

None compiled.

## 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-00839 | TP-00844 | TP-00846<br>TP-00849 (1:10,000) | TP-00842 |

## REMARKS

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

TP-00843

## HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

| OPERATION                           | NAME                                                 | DATE |
|-------------------------------------|------------------------------------------------------|------|
| 1. CHIEF OF FIELD PARTY             | R. S. Tibbetts                                       | 9/74 |
| 2. HORIZONTAL CONTROL               | RECOVERED BY R. S. Tibbetts                          | 9/74 |
|                                     | ESTABLISHED BY None                                  |      |
|                                     | PRE-MARKED OR IDENTIFIED BY R. S. Tibbetts           |      |
| 3. VERTICAL CONTROL                 | RECOVERED BY NA                                      |      |
|                                     | ESTABLISHED BY NA                                    |      |
|                                     | PRE-MARKED OR IDENTIFIED BY NA                       |      |
| 4. LANDMARKS AND AIDS TO NAVIGATION | RECOVERED (Triangulation Stations) BY None           |      |
|                                     | LOCATED (Field Methods) BY None                      |      |
|                                     | IDENTIFIED BY None                                   |      |
| 5. GEOGRAPHIC NAMES INVESTIGATION   | TYPE OF INVESTIGATION                                |      |
|                                     | <input type="checkbox"/> COMPLETE BY                 |      |
|                                     | <input type="checkbox"/> SPECIFIC NAMES ONLY         |      |
|                                     | <input checked="" type="checkbox"/> NO INVESTIGATION |      |
| 6. PHOTO INSPECTION                 | CLARIFICATION OF DETAILS BY                          |      |
| 7. BOUNDARIES AND LIMITS            | SURVEYED OR IDENTIFIED BY NA                         |      |

## II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

2. VERTICAL CONTROL IDENTIFIED

NA

| PHOTO NUMBER | STATION NAME                            | PHOTO NUMBER | STATION DESIGNATION |
|--------------|-----------------------------------------|--------------|---------------------|
| 74E(C)6812   | BALTIMORE GENERAL AVIATION TANK<br>1934 |              |                     |

3. PHOTO NUMBERS (Clarification of details)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None, except tank listed in 1. above.

| PHOTO NUMBER | OBJECT NAME | PHOTO NUMBER | OBJECT NAME |
|--------------|-------------|--------------|-------------|
|              |             |              |             |

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

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

1 Form 152 (CSI)

NOAA FORM 76-36C  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEYTP-00843  
HISTORY OF FIELD OPERATIONSI. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

| OPERATION                                            | NAME               | DATE    |
|------------------------------------------------------|--------------------|---------|
| 1. CHIEF OF FIELD PARTY                              | George W. Jamerson | 9/18/75 |
| 2. HORIZONTAL CONTROL                                | George W. Jamerson | 9/75    |
| RECOVERED BY                                         | NA                 |         |
| ESTABLISHED BY                                       | NA                 |         |
| PRE-MARKED OR IDENTIFIED BY                          | NA                 |         |
| 3. VERTICAL CONTROL                                  | NA                 |         |
| RECOVERED BY                                         | NA                 |         |
| ESTABLISHED BY                                       | NA                 |         |
| PRE-MARKED OR IDENTIFIED BY                          | NA                 |         |
| 4. LANDMARKS AND AIDS TO NAVIGATION                  | George W. Jamerson | 11/75   |
| RECOVERED (Triangulation Stations) BY                | NA                 |         |
| LOCATED (Field Methods) BY                           | NA                 |         |
| IDENTIFIED BY                                        | NA                 |         |
| 5. GEOGRAPHIC NAMES INVESTIGATION                    | George W. Jamerson | 11/75   |
| TYPE OF INVESTIGATION                                |                    |         |
| <input type="checkbox"/> COMPLETE                    |                    |         |
| <input type="checkbox"/> SPECIFIC NAMES ONLY         |                    |         |
| <input checked="" type="checkbox"/> NO INVESTIGATION |                    |         |
| 6. PHOTO INSPECTION                                  | George S. Jamerson | 11/75   |
| CLARIFICATION OF DETAILS BY                          |                    |         |
| 7. BOUNDARIES AND LIMITS                             |                    |         |
| SURVEYED OR IDENTIFIED BY                            |                    |         |

## II. SOURCE DATA

| 1. HORIZONTAL CONTROL IDENTIFIED |              | 2. VERTICAL CONTROL IDENTIFIED |                     |
|----------------------------------|--------------|--------------------------------|---------------------|
| None                             |              | None                           |                     |
| PHOTO NUMBER                     | STATION NAME | PHOTO NUMBER                   | STATION DESIGNATION |
|                                  |              |                                |                     |

## 3. PHOTO NUMBERS (Clarification of details)

NOS Oct. 74 7333, 7334, 7353, 7354, 7355 and from TP-00844 7307 and 7309

## 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)

|                     |                                        |
|---------------------|----------------------------------------|
| 4 Forms 526         | 2 Field Edit Ozalids (1 film, 1 paper) |
| 1 Field Edit Report | 5 Form 76-40                           |

NOAA FORM 76-36C  
(3-72)

NOAA FORM 76-36D  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONTP-00843  
RECORD OF SURVEY USE

## I. MANUSCRIPT COPIES

| COMPILATION STAGES                           |       |                                    | DATE MANUSCRIPT FORWARDED |               |
|----------------------------------------------|-------|------------------------------------|---------------------------|---------------|
| DATA COMPILED                                | DATE  | REMARKS                            | MARINE CHARTS             | HYDRO SUPPORT |
| Compilation complete,<br>pending field edit. | 11/75 | Class III Manuscript<br>Superseded | 11/24/75                  | 11/13/75      |
| Field edit applied.                          | 1/76  | Class I Manuscript<br>Superseded   | 6/07/76                   |               |
| Final Review                                 | 4/77  |                                    | 5/26/77                   |               |
|                                              |       |                                    |                           |               |

## 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               |
|--------|---------------------------------|-------------------|-----------------------|
| 1      |                                 | 7/02/76           | Landmarks for charts. |
| 3      |                                 | 7/02/76           | Aids for charts.      |
| 1      |                                 | 7/02/76           | Aids for deletion.    |
|        |                                 |                   |                       |
|        |                                 |                   |                       |
|        |                                 |                   |                       |

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: July 2, 1976
3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: \_\_\_\_\_

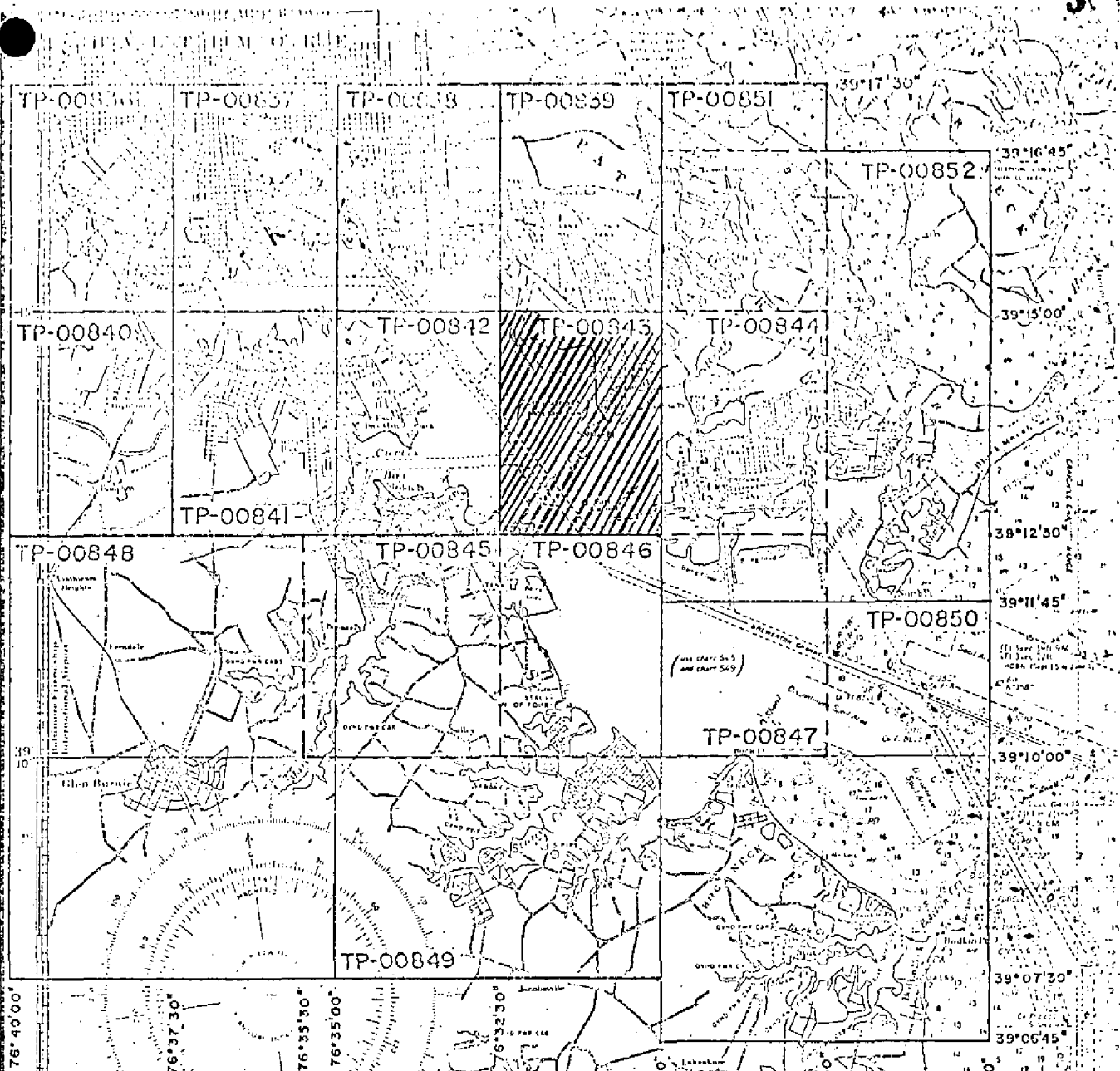
## III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS <sup>76-40</sup> ~~56~~ 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<br>MAP CLASS<br><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<br>EDITION  | SURVEY NUMBER<br>TP - _____ (3) | JOB NUMBER<br>PH - _____ | TYPE OF SURVEY<br><input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY<br>MAP CLASS<br><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<br>EDITION | SURVEY NUMBER<br>TP - _____ (4) | JOB NUMBER<br>PH - _____ | TYPE OF SURVEY<br><input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY<br>MAP CLASS<br><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       |                                                                                                                                                                                                                                                         |



Official Mileage for Cost Accounts

| Sheet No. | Sq. Miles |
|-----------|-----------|
| TP-00836  | 1         |
| TP-00837  | 4         |
| TP-00838  | 2         |
| TP-00839  | 1         |
| TP-00840  | 2         |
| TP-00841  | 2         |
| TP-00842  | 4         |
| TP-00843  | 2         |
| TP-00844  | 3         |
| TP-00845  | 4         |
| TP-00846  | 2         |
| TP-00847  | 1         |
| TP-00848  | 3         |
| TP-00849  | 9         |
| TP-00850  | 6         |
| TP-00851  | 1         |
| TP-00852  | 11        |

TOTAL 59

**JOB CM-7415**  
**BALTIMORE HARBOR**  
**MARYLAND**  
**SHORELINE MAPPING**  
 SCALE 1:5,000  
 & 1:10,000

## SUMMARY TO ACCOMPANY

## DESCRIPTIVE REPORTS

TP-00836 through TP-00852

Project CM-7415 covers the Patapsco River and Baltimore Harbor from the mouth of the river at Long.  $76^{\circ} 25'$  westward to and including the Inner Harbor. The part of Back River within the limits of Maps TP-00851 and TP-00852 is not included in the project and was not mapped. Seventeen maps - four at 1:10,000 scale and thirteen at 1:5,000 scale - are included in the project.

Field work prior to compilation consisted of recovery and pre-marking of horizontal control required for bridging. This work was done in September 1974.

Color photography was flown in October 1974. The entire area is covered by 1:30,000 scale photography, which was used for bridging and compilation of the 1:10,000 scale maps. Supplemental photography used for compilation of the 1:5,000 scale maps was flown at 1:15,000 scale. Black and white ratio prints at map scale were prepared from the color transparencies for office use and field edit operations.

Bridging was done by analytic methods in the Rockville Office in April 1975. See Photogrammetric Plot Report, which is Page 7 of this Descriptive Report.

Compilation was done by the Coastal Mapping Section at the Atlantic Marine Center from July to November 1975, using the Wild B-8 stereoplotter. The location of the mean high water line and other details were determined by office interpretation of the photographs.

Field edit was done by a photogrammetric field unit from September to November 1975 and applied to the manuscripts at the Atlantic Marine Center from December 1975 to February 1976.

All original manuscripts are stabilene sheets. The 1:5,000 scale maps are on a two and one-half minute format and the 1:10,000 scale maps are on a five minute format. The original manuscripts were forwarded to the Rockville Office for preparation of registration copies.

7

Photogrammetric Plot Report  
Baltimore Harbor, Maryland  
CM-7415  
April 1975

21. Area Covered

The area covered by this report pertains to the shoreline of Baltimore Harbor, Baltimore, Maryland. This area is covered by thirteen 1:5,000 scale sheets, TP-00836 thru TP-00847, TP-00851, and four 1:10,000 scale sheets TP-00848 thru TP-00850 and TP-00852.

22. Method

Five strips of 1:30,000 scale color photography were bridged by analytic aerotriangulation methods. Sketch number 1 shows the layout of the sheets, compilation photographs, strips of bridging photographs, and the location of field identified control. Ties were made between all bridging strips. The strips were controlled by field identified control paneled in 1974 with the inclusion of one office identified station as a terminal for strip two. Office identified control was floated as checks. Common points were located between the bridging photography and the compilation photography to control the compilation and to determine the ratio scale. Points were located on the bridging photography to determine the ratio scale of the photographs that pertain to the 1:10,000 scale TP sheets. Data for ruling projection were furnished to the Calcomp to be plotted in the Maryland State plane coordinate system. 1:5,000 scale ratios were ordered for the 1:5,000 scale sheets and 1:10,000 scale ratios of the bridging photographs were ordered for the 1:10,000 scale sheets.

23. Adequacy of Control

The control was adequate with the inclusion of office identified control. Geodesy could not furnish a position for Curb 2, 1971, in order to compute a sub point for that station. An office identified control station was used as a terminal for strip number two, in place of Curb 2, 1971.

24. Supplemental Data

USGS Quadrangles were used to provide vertical control for the adjustment.

25. Photography

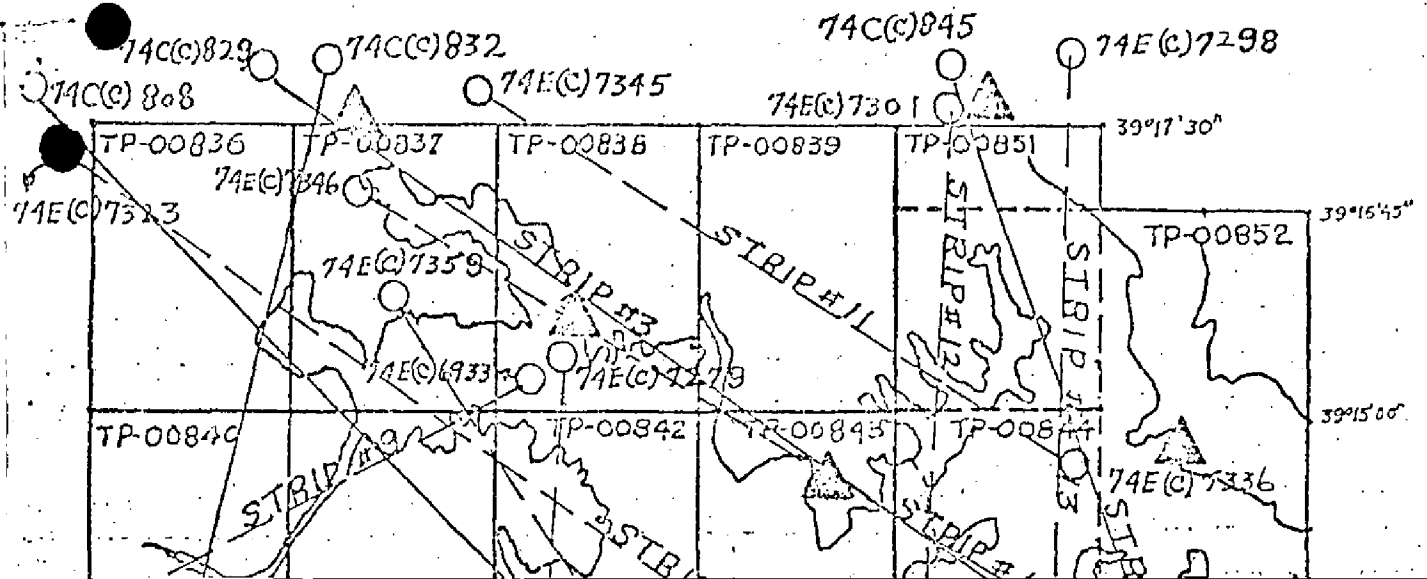
The photography was adequate as to coverage and overlap. Definition was poor due to haze at time of photography.

Approved and forwarded:

*John D. Perrow, Jr.*  
John D. Perrow, Jr.  
Chief, Aerotriangulation Section

Respectfully submitted,

*Ivey O. Raborn*  
Ivey O. Raborn



## DESCRIPTIVE REPORT CONTROL RECORD

| MAP NO.                                                                       | JOB NO.                          | TP-00843                                  | CM-7415             | GEODETTIC DATUM          |                     | NA                  | 1927    | ORIGINATING ACTIVITY              |         | AMC |
|-------------------------------------------------------------------------------|----------------------------------|-------------------------------------------|---------------------|--------------------------|---------------------|---------------------|---------|-----------------------------------|---------|-----|
|                                                                               |                                  |                                           |                     | STATE                    | ZONE                |                     |         | Coastal Mapping Div., Norfolk, VA |         |     |
| STATION NAME                                                                  | SOURCE OF INFORMATION<br>(Index) | AEROTRI-<br>ANGULATION<br>POINT<br>NUMBER | COORDINATES IN FEET |                          | GEOGRAPHIC POSITION |                     | REMARKS |                                   |         |     |
|                                                                               |                                  |                                           | STATE               | ZONE                     | $\phi$ LATITUDE     | $\lambda$ LONGITUDE | FORWARD | BACK                              |         |     |
| BALTIMORE, GENERAL AVIATION<br>TANK, 1934                                     | G.P. Vol I<br>P. 315             |                                           | X=                  |                          | $\phi$              | 39 14 36.068        | 1112.3  | (738.0)                           |         |     |
|                                                                               |                                  |                                           | Y=                  |                          | $\lambda$           | 76 30 51.286        | 1229.9  | (209.0)                           |         |     |
| SOLLERS, CONSOLIDATED GAS,<br>ELECTRIC LIGHT AND POWER<br>COMPANY STACK, 1952 | G.P. Vol I<br>P. 685             |                                           | X=                  |                          | $\phi$              | 39 14 15.855        | 488.9   | (1361.4)                          |         |     |
|                                                                               |                                  |                                           | Y=                  |                          | $\lambda$           | 76 30 59.999        | 1439.0  | (0.0)                             |         |     |
| FORT CARROLL LIGHTHOUSE,<br>1915                                              | G.P. Vol I<br>P. 316             |                                           | X=                  |                          | $\phi$              | 39 12 51.952        | 1602.1  | (248.2)                           |         |     |
|                                                                               |                                  |                                           | Y=                  |                          | $\lambda$           | 76 31 12.709        | 304.9   | (1134.5)                          |         |     |
|                                                                               |                                  |                                           | X=                  |                          | $\phi$              |                     |         |                                   |         |     |
|                                                                               |                                  |                                           | Y=                  |                          | $\lambda$           |                     |         |                                   |         |     |
|                                                                               |                                  |                                           | X=                  |                          | $\phi$              |                     |         |                                   |         |     |
|                                                                               |                                  |                                           | Y=                  |                          | $\lambda$           |                     |         |                                   |         |     |
|                                                                               |                                  |                                           | X=                  |                          | $\phi$              |                     |         |                                   |         |     |
|                                                                               |                                  |                                           | Y=                  |                          | $\lambda$           |                     |         |                                   |         |     |
|                                                                               |                                  |                                           | X=                  |                          | $\phi$              |                     |         |                                   |         |     |
|                                                                               |                                  |                                           | Y=                  |                          | $\lambda$           |                     |         |                                   |         |     |
|                                                                               |                                  |                                           | X=                  |                          | $\phi$              |                     |         |                                   |         |     |
|                                                                               |                                  |                                           | Y=                  |                          | $\lambda$           |                     |         |                                   |         |     |
|                                                                               |                                  |                                           | X=                  |                          | $\phi$              |                     |         |                                   |         |     |
|                                                                               |                                  |                                           | Y=                  |                          | $\lambda$           |                     |         |                                   |         |     |
|                                                                               |                                  |                                           | X=                  |                          | $\phi$              |                     |         |                                   |         |     |
|                                                                               |                                  |                                           | Y=                  |                          | $\lambda$           |                     |         |                                   |         |     |
|                                                                               |                                  |                                           | X=                  |                          | $\phi$              |                     |         |                                   |         |     |
|                                                                               |                                  |                                           | Y=                  |                          | $\lambda$           |                     |         |                                   |         |     |
| COMPUTED BY                                                                   | A. C. Rauck, Jr.                 | DATE                                      | 5/20/75             | COMPUTATION CHECKED BY   |                     | F. Mauldin          |         | DATE                              | 5/27/75 |     |
| LISTED BY                                                                     |                                  | DATE                                      |                     | LISTING CHECKED BY       |                     |                     |         | DATE                              |         |     |
| HAND PLOTTING BY                                                              |                                  | DATE                                      |                     | HAND PLOTTING CHECKED BY |                     |                     |         | DATE                              |         |     |

## COMPILATION REPORT

TP-00843

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter, using 1:15,000 scale color photography. Photography quality and coverage was adequate.

32. CONTROL:

See the attached Photogrammetric Plot Report dated April 1975.

33. SUPPLEMENTAL DATA:

None.

34. CONTOURS AND DRAINAGE:

Contours are not applicable to the project. Drainage was delineated by the Wild B-8 stereoplotter and by office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS:

Alongshore details were delineated by the Wild B-8 stereoplotter and by office interpretation of the photographs.

The mean high water line was delineated from the photographs.

36. OFFSHORE DETAILS:

No unusual problems, except that there were several offshore wrecks which were not visible.

37. LANDMARKS AND AIDS:

Preliminary Forms 76-40 for Landmarks and/or Nonfloating Aids were prepared by the Compilation Office and forwarded to the Field Editor and/or Hydrographer for verification, location, or deletion in November 1975 and the final field edited forms were forwarded to the Rockville, Maryland Office on July 2, 1976.

38. CONTROL FOR FUTURE SURVEYS:

None.

39. JUNCTIONS:

See the attached Form 76-36B, Item 5 of the Descriptive Report, concerning junctions.

40. HORIZONTAL AND VERTICAL ACCURACY:

No statement.

46. COMPARISON WITH EXISTING MAPS:

A comparison was made with the following USGS Quadrangle: CURTIS BAY, MD., scale 1:24,000, dated 1969.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with the following National Ocean Survey Chart: No. 12281, scale 1:15,000, 29th Edition, dated August 17, 1974.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:

*Fay T. Mauldin*

Fay T. Mauldin  
Cartographer  
November 10, 1975

Approved:

*Albert C. Rauck, Jr.*  
Albert C. Rauck, Jr.  
Chief, Coastal Mapping Section

ADDENDUM TO THE COMPILATION REPORT

TP-00843

FIELD EDIT

Field edit was adequate.

February 28, 1977

## GEOGRAPHIC NAMES

## FINAL NAME SHEET

CM-7415 (Baltimore, Md.)

TP-00843

Rear Creek

Clement Cove

Coffin Point

Dundalk

Fort Carroll

Hawkins Point

Lovel Point

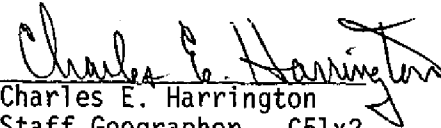
Patapsco River

Peachorchard Cove

Pennsylvania Central (RR)

Sollers Point

Approved by:

  
Charles E. Harrington  
Staff Geographer - C51x2

| NOAA FORM 75-74<br>(2-74)                                                                                                                                                 |  | TP-00843<br><b>PHOTOGRAMMETRIC OFFICE REVIEW</b><br><del>XX10368X</del>                              |  | U.S. DEPARTMENT OF COMMERCE<br>NOAA<br>NATIONAL OCEAN SURVEY |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------|--|
| 1. PROJECTION AND GRIDS<br>FPM                                                                                                                                            |  | 2. TITLE<br>FPM                                                                                      |  | 3. MANUSCRIPT NUMBERS<br>FPM                                 |  |
| 4. MANUSCRIPT SIZE<br>FPM                                                                                                                                                 |  |                                                                                                      |  |                                                              |  |
| <b>CONTROL STATIONS</b>                                                                                                                                                   |  |                                                                                                      |  |                                                              |  |
| 5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY<br>FPM                                                                                                   |  | 6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY<br>(Topographic stations)<br>NA |  | 7. PHOTO HYDRO STATIONS<br>NA                                |  |
| 8. BENCH MARKS<br>NA                                                                                                                                                      |  | 9. PLOTTING OF SEXTANT FIXES<br>XX                                                                   |  | 10. PHOTOGRAMMETRIC PLOT REPORT<br>FPM                       |  |
| 11. DETAIL POINTS<br>FPM                                                                                                                                                  |  |                                                                                                      |  |                                                              |  |
| <b>ALONGSHORE AREAS (Nautical Chart Data)</b>                                                                                                                             |  |                                                                                                      |  |                                                              |  |
| 12. SHORELINE<br>FPM                                                                                                                                                      |  | 13. LOW-WATER LINE<br>XX                                                                             |  | 14. ROCKS, SHOALS, ETC.<br>FPM                               |  |
| 15. BRIDGES<br>FPM                                                                                                                                                        |  | 16. AIDS TO NAVIGATION<br>FPM                                                                        |  | 17. LANDMARKS<br>FPM                                         |  |
| 18. OTHER ALONGSHORE PHYSICAL FEATURES<br>FPM                                                                                                                             |  | 19. OTHER ALONGSHORE CULTURAL FEATURES<br>FPM                                                        |  |                                                              |  |
| <b>PHYSICAL FEATURES</b>                                                                                                                                                  |  |                                                                                                      |  |                                                              |  |
| 20. WATER FEATURES<br>FPM                                                                                                                                                 |  | 21. NATURAL GROUND COVER<br>NA                                                                       |  | 22. PLANETABLE CONTOURS<br>NA                                |  |
| 23. STEREOSCOPIC INSTRUMENT CONTOURS<br>NA                                                                                                                                |  | 24. CONTOURS IN GENERAL<br>NA                                                                        |  | 25. SPOT ELEVATIONS<br>NA                                    |  |
| 26. OTHER PHYSICAL FEATURES<br>FPM                                                                                                                                        |  |                                                                                                      |  |                                                              |  |
| <b>CULTURAL FEATURES</b>                                                                                                                                                  |  |                                                                                                      |  |                                                              |  |
| 27. ROADS<br>FTM                                                                                                                                                          |  | 28. BUILDINGS<br>FTM                                                                                 |  | 29. RAILROADS<br>FPM                                         |  |
| 30. OTHER CULTURAL FEATURES<br>FPM                                                                                                                                        |  |                                                                                                      |  |                                                              |  |
| <b>BOUNDARIES</b>                                                                                                                                                         |  |                                                                                                      |  |                                                              |  |
| 31. BOUNDARY LINES<br>NA                                                                                                                                                  |  | 32. PUBLIC LAND LINES<br>NA                                                                          |  |                                                              |  |
| <b>MISCELLANEOUS</b>                                                                                                                                                      |  |                                                                                                      |  |                                                              |  |
| 33. GEOGRAPHIC NAMES<br>FTM                                                                                                                                               |  | 34. JUNCTIONS<br>Junction made with TP-00839, TP-00844, TP-00842                                     |  | 35. LEGIBILITY OF THE MANUSCRIPT<br>FPM                      |  |
| 36. DISCREPANCY OVERLAY<br>XX                                                                                                                                             |  | 37. DESCRIPTIVE REPORT<br>FPM                                                                        |  | 38. FIELD INSPECTION PHOTOGRAPHS<br>XX                       |  |
| 39. FORMS<br>FPM                                                                                                                                                          |  |                                                                                                      |  |                                                              |  |
| 40. REVIEWER<br><i>F. Margotta</i><br>F. Margotta (Partial Review) 11/75                                                                                                  |  | SUPERVISOR, REVIEW SECTION OR UNIT<br><i>Albert C. Rauck, Jr.</i><br>Albert C. Rauck, Jr.            |  |                                                              |  |
| 41. REMARKS (See attached sheet)                                                                                                                                          |  |                                                                                                      |  |                                                              |  |
| FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT                                                                                                              |  |                                                                                                      |  |                                                              |  |
| 42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43. |  |                                                                                                      |  |                                                              |  |
| COMPILER<br>Fay T. Mauldin <i>Fay T. Mauldin</i> 1/76                                                                                                                     |  | SUPERVISOR<br><i>Albert C. Rauck, Jr.</i><br>Albert C. Rauck, Jr.                                    |  |                                                              |  |
| Reviewer<br>A. L. Shands <i>A. L. Shands</i> 2/11/76                                                                                                                      |  |                                                                                                      |  |                                                              |  |
| 43. REMARKS<br><br>See Forms 76-36C, History of Field Operation - Field Inspection and Field Edit - Item 8.                                                               |  |                                                                                                      |  |                                                              |  |



FIELD EDIT REPORT

TP-00843

Baltimore Harbor, Md.

51. METHODS

An inspection of all shoreline and alongshore features was made, and all deletions, additions, and corrections are either shown or referred to on the field edit paper ozalid. All field edit notes are in purple ink for additions and corrections and in green ink for deletions.

Searches by boat for reported features below mean high water line were made. Because of the limited visibility into the water and lack of wire drag equipment, any negative findings noted in the field edit data should not be considered conclusive, unless otherwise stated. The latest hydrographic survey of the area should be consulted for more complete information.

Most of the field edit inspection was accomplished by boat. Features were located by either sextant fixes or photo identification.

52. ADEQUACY OF COMPILATION

Compilation was adequate. There was only one area of major change on this sheet. This was an area of fill located at approximate latitude  $39^{\circ}14'30''$ , longitude  $76^{\circ}31'15''$ . The new shoreline is delineated on the film ozalid or manuscript. Many pilings were deleted in the area of bridge construction between Hawkins Point and Sollers Point as they were either removed or were mooring buoys used in construction. Other than this area, very little change was noted. All questions are answered on the field edit ozalid. Compilation will be complete with the application of field edit data.

56. GEOGRAPHIC NAMES

One question pertaining to geographic names is answered on the field edit ozalid.

57. LANDMARKS AND AIDS TO NAVIGATION

There are four landmarks on this sheet recommended for charting.



**U.S. DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
NATIONAL OCEAN SURVEY

There are twenty-three non-floating aids to navigation on this sheet recommended for charting.

58. FIELD EDITOR

Field edit was performed by Lt. George Jamerson and Mr. Howard Hart in November, 1975.

Respectfully submitted,

*George W. Jamerson*

George W. Jamerson  
Lt. NOAA  
November, 1975

NOAA FORM 76-40  
(8-74)

Replaces C&GS Form 567.

# NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION LANDMARKS FOR CHARTS

U.S. DEPARTMENT OF COMMERCE

## ORIGINATING ACTIVITY

- ☐ HYDROGRAPHIC PARTY
  - ☐ GEODETIC PARTY
  - ☐ PHOTO FIELD PARTY
  - ☒ COMPILATION ACTIVITY
  - ☐ FINAL REVIEWER
  - ☐ QUALITY CONTROL & REVIEW GRP.
  - ☐ COAST PILOT BRANCH
- (See reverse for responsible personnel)

REPORTING UNIT  
(Field Party, Ship or Office)

Coastal Mapping Div.

STATE

Maryland

LOCALITY

Baltimore Harbor

DATE

Dec. 1975

The following objects HAVE ☒ - HAVE NOT ☐ been inspected from seaward to determine their value as landmarks.

OPR PROJECT NO.

514

JOB NUMBER

CM-7415

SURVEY NUMBER

TP-00843

DATUM

N.A. 1927

POSITION

LATITUDE

LONGITUDE

METHOD AND DATE OF LOCATION  
(See instructions on reverse side)

OFFICE

FIELD

CHARTS  
AFFECTED

## DESCRIPTION

(Record reason for deletion of landmark or aid to navigation.  
Show triangulation station names, where applicable, in parentheses)

CHARTING  
NAME

Dundalk Marine Terminal Tank

Ht.=156(170)

✓

39 14

76 32

74E(C)7353

Oct. 21, 1974

F-V-Vis.

12273  
12278  
12281

✓

## DESCRIPTION

(Record reason for deletion of landmark or aid to navigation.  
Show triangulation station names, where applicable, in parentheses)

CHARTING  
NAME

Southerly of five.

ht.=227(237)

✓

39 14

76 30

74E(C)7354

Oct. 21, 1974

" "

" "

✓

## DESCRIPTION

(Record reason for deletion of landmark or aid to navigation.  
Show triangulation station names, where applicable, in parentheses)

CHARTING  
NAME

(Fort Carroll Lighthouse, 1915)

✓

39 12

76 31

74E(C)7333

Oct. 21, 1974

Triang. Rec.  
Nov. 1975

" "

✓

## DESCRIPTION

(Record reason for deletion of landmark or aid to navigation.  
Show triangulation station names, where applicable, in parentheses)

CHARTING  
NAME

(Baltimore General Aviation Tank, 1934)

✓

39 14

76 30

74E(C)7354

Oct. 21, 1974

" "

" "

✓

Replaces C&amp;GS Form 567.

## NONFLOATING AIDS TO NAVIGATION FOR CHARTS

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

## ORIGINATING ACTIVITY

- ☐ HYDROGRAPHIC PARTY  
☐ GEODETIC PARTY  
☐ PHOTO FIELD PARTY  
☒ COMPILATION ACTIVITY  
☐ FINAL REVIEWER  
☐ QUALITY CONTROL & REVIEW GRP.  
☐ COAST PILOT BRANCH

(See reverse for responsible personnel)

| TO BE CHARTED<br><input checked="" type="checkbox"/> TO BE REVISED<br><input type="checkbox"/> TO BE DELETED |                                                                                                                                                     | REPORTING UNIT<br>(If field party, ship or office)<br>Coastal Mapping Div.<br>A.M.C. Norfolk, Va. | STATE<br>Maryland    | LOCALITY<br>Baltimore Harbor | DATE<br>Dec. 1975                                                 |                         |
|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------|------------------------------|-------------------------------------------------------------------|-------------------------|
| The following objects HAVE [X] BEEN INSPECTED from seaward to determine their value as landmarks.            |                                                                                                                                                     |                                                                                                   |                      |                              |                                                                   |                         |
| OPR PROJECT NO.<br>514                                                                                       | JOB NUMBER<br>CM-7415                                                                                                                               | SURVEY NUMBER<br>TP-00843                                                                         | DATUM<br>N.A. 1927   |                              |                                                                   |                         |
| CHARTING NAME                                                                                                | DESCRIPTION<br>(Record reason for deletion of landmark or aid to navigation.<br>Show triangulation station names, where applicable, in parentheses) | POSITION                                                                                          |                      |                              | METHOD AND DATE OF LOCATION<br>(See instructions on reverse side) | CHARTS AFFECTED         |
|                                                                                                              |                                                                                                                                                     | LATITUDE<br>° / ' "                                                                               | LONGITUDE<br>° / ' " | D.P. Meters                  |                                                                   |                         |
| LIGHT                                                                                                        | Dundalk West Channel Range Front Light                                                                                                              | 39 14                                                                                             | 76 32                | 18.93<br>454                 | 74E(C)7353<br>Oct. 21, 1974                                       | 12273<br>12279<br>12281 |
| LIGHT                                                                                                        | Dundalk West Channel Range Rear Light                                                                                                               | 39 14                                                                                             | 76 32                | 17.18<br>412                 | "<br>"                                                            | "<br>"                  |
| LIGHT                                                                                                        | Dundalk Northwest Bulkhead Light                                                                                                                    | 39 14                                                                                             | 76 32                | 20.52<br>492                 | "<br>"                                                            | "<br>"                  |
| LIGHT                                                                                                        | Dundalk Terminal Southwest Platform Light                                                                                                           | 39 14                                                                                             | 76 32                | 10.63<br>255                 | "<br>"                                                            | "<br>"                  |
| LIGHT                                                                                                        | Dundalk Southeast Platform Light                                                                                                                    | 39 14                                                                                             | 76 32                | 09.67<br>232                 | "<br>"                                                            | "<br>"                  |
| LIGHT                                                                                                        | Dundalk Terminal Southeast Bulkhead Light                                                                                                           | 39 14                                                                                             | 76 31                | 59.75<br>1433                | "<br>"                                                            | "<br>"                  |
| LIGHT                                                                                                        | Dundalk East Channel Range Front Light                                                                                                              | 39 14                                                                                             | 76 31                | 39.99<br>959                 | "<br>"                                                            | "<br>"                  |
| LIGHT                                                                                                        | Dundalk East Channel Range Rear Light                                                                                                               | 39 14                                                                                             | 76 31                | 34.65<br>831                 | "<br>"                                                            | "<br>"                  |
| LIGHT                                                                                                        | Sollers Point Mooring Light                                                                                                                         | 39 14                                                                                             | 76 31                | 29.27<br>702                 | 74E(C)7354<br>Oct. 21, 1974                                       | "<br>"                  |
| LIGHT                                                                                                        | Sparrow Point Drydock Light P3                                                                                                                      | 39 12                                                                                             | 76 30                | 05.04<br>121                 | 74E(C)7308<br>Oct. 21, 1974                                       | "<br>"                  |

F T O

| NOAA FORM 76-40<br>(8-74)                         |                                           |                                                                                                                                                      |       |                                                                       |        |                                                                                                   |  |                    |               | U.S. DEPARTMENT OF COMMERCE<br>NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION |                         |                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |
|---------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------------------|--|--------------------|---------------|--------------------------------------------------------------------------------|-------------------------|--------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| Replaces C&GS Form 567.                           |                                           |                                                                                                                                                      |       |                                                                       |        |                                                                                                   |  |                    |               | NONFLOATING AIDS <del>SEE INSTRUCTIONS</del> FOR CHARTS                        |                         |                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |
| TO BE CHARTED <input checked="" type="checkbox"/> |                                           | TO BE REVISED <input type="checkbox"/>                                                                                                               |       | TO BE DELETED <input type="checkbox"/>                                |        | REPORTING UNIT<br>(If field party, ship or office)<br>Coastal Mapping Div.<br>A.M.C. Norfolk, Va. |  | STATE<br>Maryland  |               | LOCALITY<br>Baltimore Harbor                                                   |                         | DATE<br>Dec. 1975  |  | ORIGINATING ACTIVITY<br><input type="checkbox"/> HYDROGRAPHIC PARTY<br><input type="checkbox"/> GEODETIC PARTY<br><input type="checkbox"/> PHOTO FIELD PARTY<br><input checked="" type="checkbox"/> COMPILATION ACTIVITY<br><input type="checkbox"/> FINAL REVIEWER<br><input type="checkbox"/> QUALITY CONTROL & REVIEW GRP.<br><input type="checkbox"/> COAST PILOT BRANCH<br>(See reverse for responsible personnel) |  |  |  |  |  |
| OPR PROJECT NO.<br>514                            |                                           | JOB NUMBER<br>CM-7415                                                                                                                                |       | HAVE <input checked="" type="checkbox"/> NOT <input type="checkbox"/> |        | SURVEY NUMBER<br>TP-00843                                                                         |  | DATUM<br>N.A. 1927 |               | METHOD AND DATE OF LOCATION<br>(See instructions on reverse side)              |                         | CHARTS<br>AFFECTED |  |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |
| CHARTING NAME                                     |                                           | DESCRIPTION<br>(Record reason for deletion of landmark or aid to navigation.<br>Show triangulation station names, where applicable, in parentheses.) |       | LATITUDE                                                              |        | LONGITUDE                                                                                         |  | POSITION           |               | OFFICE                                                                         |                         | FIELD              |  |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |
|                                                   |                                           |                                                                                                                                                      |       | D.M. Meters                                                           |        | D.P. Meters                                                                                       |  |                    |               |                                                                                |                         |                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |
| LIGHT                                             | Sparrow Point Drydock Light Ph.           | 39 12                                                                                                                                                | 46.66 | 76 30                                                                 | 104.67 | 112                                                                                               |  | 74E(C)7308         | Oct. 21, 1974 | P-5-L<br>74E(C)7309<br>Nov. 1975                                               | 12273<br>12275<br>12281 |                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |
| LIGHT                                             | Hawkins Point Pier Light A.               | 39 12                                                                                                                                                | 52.69 | 76 32                                                                 | 16.12  | 394                                                                                               |  | 74E(C)7333         | Oct. 21, 1974 | F-V-Vis.<br>Nov. 1975                                                          | "<br>"<br>"             |                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |
| LIGHT                                             | " " " " B                                 | 39 12                                                                                                                                                | 53.38 | 76 32                                                                 | 17.17  |                                                                                                   |  | " " "              | " " "         | " " "                                                                          | "<br>"<br>"             |                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |
| LIGHT                                             | " " " " C                                 | 39 12                                                                                                                                                | 51.40 | 76 32                                                                 | 18.59  |                                                                                                   |  | " " "              | " " "         | " " "                                                                          | "<br>"<br>"             |                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |
| LIGHT                                             | " " " " D                                 | 39 12                                                                                                                                                | 15.85 | 76 32                                                                 | 44.6   |                                                                                                   |  | " " "              | " " "         | " " "                                                                          | "<br>"<br>"             |                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |
| LIGHT                                             | " " " " E                                 | 39 12                                                                                                                                                | 52.05 | 76 32                                                                 | 19.25  |                                                                                                   |  | " " "              | " " "         | " " "                                                                          | "<br>"<br>"             |                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |
| LIGHT                                             | " " " " F                                 | 39 12                                                                                                                                                | 16.05 | 76 32                                                                 | 462    |                                                                                                   |  | " " "              | " " "         | " " "                                                                          | "<br>"<br>"             |                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |
| LIGHT                                             | " " " " G                                 | 39 12                                                                                                                                                | 49.94 | 76 32                                                                 | 20.79  |                                                                                                   |  | " " "              | " " "         | " " "                                                                          | "<br>"<br>"             |                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |
| LIGHT                                             | " " " " H                                 | 39 12                                                                                                                                                | 1540  | 76 32                                                                 | 499    |                                                                                                   |  | " " "              | " " "         | " " "                                                                          | "<br>"<br>"             |                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |
| LIGHT                                             | " " " " I                                 | 39 12                                                                                                                                                | 50.42 | 76 32                                                                 | 21.75  |                                                                                                   |  | " " "              | " " "         | " " "                                                                          | "<br>"<br>"             |                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |
| LIGHT                                             | " " " " J                                 | 39 12                                                                                                                                                | 1555  | 76 32                                                                 | 522    |                                                                                                   |  | " " "              | " " "         | " " "                                                                          | "<br>"<br>"             |                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |
| LIGHT                                             | " " " " K                                 | 39 12                                                                                                                                                | 48.54 | 76 32                                                                 | 23.01  |                                                                                                   |  | " " "              | " " "         | " " "                                                                          | "<br>"<br>"             |                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |
| LIGHT                                             | " " " " L                                 | 39 12                                                                                                                                                | 1197  | 76 32                                                                 | 553    |                                                                                                   |  | " " "              | " " "         | " " "                                                                          | "<br>"<br>"             |                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |
| LIGHT                                             | " " " " M                                 | 39 12                                                                                                                                                | 49.23 | 76 32                                                                 | 23.71  |                                                                                                   |  | " " "              | " " "         | " " "                                                                          | "<br>"<br>"             |                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |
| LIGHT                                             | " " " " N                                 | 39 12                                                                                                                                                | 1518  | 76 32                                                                 | 569    |                                                                                                   |  | " " "              | " " "         | " " "                                                                          | "<br>"<br>"             |                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |
| LIGHT                                             | Fort McHenry Channel Bridge Light (North) | 39 13                                                                                                                                                | 08.59 | 76 31                                                                 | 41.77  |                                                                                                   |  | " " "              | " " "         | " " "                                                                          | "<br>"<br>"             |                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |
| LIGHT                                             |                                           |                                                                                                                                                      | 265   |                                                                       | 1002   |                                                                                                   |  | " " "              | " " "         | " " "                                                                          | "<br>"<br>"             |                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |

\* Not in 1976 Light List.

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| NOAA FORM 76-40<br>(8-74)<br>Replaces C&GS Form 567.                                                                                                                |                              |                                                                                                                                                      |         |                     |  |                     |  |                                                                   |  | U.S. DEPARTMENT OF COMMERCE<br>NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION                                                                                                                                                                                                                                                                                                                  |  |       |  |  |  |  |  |  |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------|--|---------------------|--|-------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--|--|--|--|--|--|--|--|--|
| NONFLOATING AIDS OR LANDMARKS FOR CHARTS                                                                                                                            |                              |                                                                                                                                                      |         |                     |  |                     |  |                                                                   |  | ORIGINATING ACTIVITY                                                                                                                                                                                                                                                                                                                                                                            |  |       |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                     |                              |                                                                                                                                                      |         |                     |  |                     |  |                                                                   |  | <input type="checkbox"/> HYDROGRAPHIC PARTY<br><input type="checkbox"/> GEODETIC PARTY<br><input type="checkbox"/> PHOTO FIELD PARTY<br><input checked="" type="checkbox"/> COMPILATION ACTIVITY<br><input type="checkbox"/> FINAL REVIEWER<br><input type="checkbox"/> QUALITY CONTROL & REVIEW GRP.<br><input type="checkbox"/> COAST PILOT BRANCH<br>(See reverse for responsible personnel) |  |       |  |  |  |  |  |  |  |  |  |
| TO BE CHARTED                                                                                                                                                       |                              | REPORTING UNIT<br>(If field party, ship or office)                                                                                                   |         | STATE               |  | LOCALITY            |  | DATE                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |  |  |  |  |  |  |  |  |  |
| TO BE REVISED                                                                                                                                                       |                              | Coastal Mapping Div.                                                                                                                                 |         | Maryland            |  | Baltimore Harbor    |  | Dec. 1975                                                         |  |                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |  |  |  |  |  |  |  |  |  |
| TO BE DELETED                                                                                                                                                       |                              | A.M.C. Norfolk, Va.                                                                                                                                  |         |                     |  |                     |  |                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |  |  |  |  |  |  |  |  |  |
| The following objects HAVE <input checked="" type="checkbox"/> HAVE NOT <input type="checkbox"/> been inspected from seaward to determine their value as landmarks. |                              |                                                                                                                                                      |         |                     |  |                     |  |                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |  |  |  |  |  |  |  |  |  |
| OPR PROJECT NO.                                                                                                                                                     |                              | JOB NUMBER                                                                                                                                           |         | SURVEY NUMBER       |  | DATUM               |  | METHOD AND DATE OF LOCATION<br>(See instructions on reverse side) |  | CHARTS AFFECTED                                                                                                                                                                                                                                                                                                                                                                                 |  |       |  |  |  |  |  |  |  |  |  |
| 514                                                                                                                                                                 |                              | CM-7415                                                                                                                                              |         | TP-00843            |  | N.A. 1927           |  |                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |  |  |  |  |  |  |  |  |  |
| CHARTING NAME                                                                                                                                                       |                              | DESCRIPTION<br>(Record reason for deletion of landmark or aid to navigation.<br>Show triangulation station names, where applicable, in parentheses.) |         | LATITUDE            |  | LONGITUDE           |  | OFFICE                                                            |  | FIELD                                                                                                                                                                                                                                                                                                                                                                                           |  |       |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                     |                              |                                                                                                                                                      |         | ° / ' " D.M. Meters |  | ° / ' " D.P. Meters |  |                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |  |  |  |  |  |  |  |  |  |
| LIGHT                                                                                                                                                               | Sollers Point Tunnel Light C | Light destroyed.                                                                                                                                     | 39 13.3 | 76 31.3             |  |                     |  |                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                 |  | 12273 |  |  |  |  |  |  |  |  |  |
| LIGHT                                                                                                                                                               | Sollers Point Tunnel Light D | Light destroyed.                                                                                                                                     | 39 13.4 | 76 31.5             |  |                     |  |                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                 |  | 12279 |  |  |  |  |  |  |  |  |  |
| LIGHT                                                                                                                                                               | Hawkins Point Tunnel Light A | Light destroyed.                                                                                                                                     | 39 12.9 | 76 32.0             |  |                     |  |                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                 |  | 12281 |  |  |  |  |  |  |  |  |  |
| LIGHT                                                                                                                                                               | Hawkins Point Tunnel Light B | Light Destroyed.                                                                                                                                     | 39 12.8 | 76 31.9             |  |                     |  |                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                     |                              |                                                                                                                                                      |         |                     |  |                     |  |                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                     |                              |                                                                                                                                                      |         |                     |  |                     |  |                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                     |                              |                                                                                                                                                      |         |                     |  |                     |  |                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                     |                              |                                                                                                                                                      |         |                     |  |                     |  |                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                     |                              |                                                                                                                                                      |         |                     |  |                     |  |                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                     |                              |                                                                                                                                                      |         |                     |  |                     |  |                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                     |                              |                                                                                                                                                      |         |                     |  |                     |  |                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                     |                              |                                                                                                                                                      |         |                     |  |                     |  |                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |  |  |  |  |  |  |  |  |  |

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## REVIEW REPORT

TP-00843

## SHORELINE

April 29, 1977

61. GENERAL STATEMENT:

See Summary, which is Page 6 of this Descriptive Report.

No comparison print was made for this map.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A visual comparison was made with a copy of T-5421, 1:10,000 scale, mapped from photos of November 1933. The shoreline on this map has changed greatly since 1933, due largely to the buildup of industry.

The Hawkins Point area was compared with a copy of T-5342, 1:10,000 scale, mapped from photos of April and May 1934. Shoreline in this area has also changed greatly.

In the area compared, TP-00843 supersedes T-5342 and T-5421 for nautical chart construction purposes. T-5342 and T-5421 are the latest registered prior surveys of the area.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A visual comparison was made with USGS Quadrangle CURTIS BAY, MD., 1:24,000 scale, dated 1969. Much of the shoreline in the area of the quadrangle compared with TP-00843 is obsolete because of fill and road construction. The pier at Sollers Point is now in ruin.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:H-9564 (AHP 5-7-75) Boatsheet

Submerged pile at Lat.  $39^{\circ} 14' 27.5''$ , Long.  $76^{\circ} 31' 03''$  is not visible on the photographs. ✓

Ruins at Lat.  $39^{\circ} 14' 10''$ , Long.  $76^{\circ} 31' 12.5''$  can not be changed photogrammetrically to agree with hydro position at north end. ✓

Pier ruins at Lat.  $39^{\circ} 14' 10''$ , Long.  $76^{\circ} 30' 53''$  to Long.  $76^{\circ} 31' 00''$  is in conflict with soundings. This position of the ruins is strong photogrammetrically and can not be changed. ✓

H-9643 HSB 5-1-76) Boatsheet

Lat.  $39^{\circ} 13' 54''$ , Long.  $76^{\circ} 30' 02''$ : Piles on H-9643 are shown more correctly in position on TP-00843.

Lat.  $39^{\circ} 14' 11''$ , Long.  $76^{\circ} 30' 03''$ : Wreck on H-9643 is from Class III Manuscript. It was deleted by the Field Editor.

Lat.  $39^{\circ} 14' 30''$ , Long.  $76^{\circ} 30' 07.5''$ : Wreck on H-9643 is probably shown on wrong side of pier. A wreck visible on the photographs was shown by the Field Editor on the other side of the pier.

Lat.  $39^{\circ} 15' 00''$ , Long.  $76^{\circ} 30' 14''$ : New pier on Boatsheet H-9643 not visible on photographs.

H-9582 (AHP 5-10-75) Copy of Verified Smooth Sheet

No significant difference.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with Chart 12281 (545) 1:15,000 scale.

