**NOAA FORM 76-35**  
(6-80)  
U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEY

### DESCRIPTIVE REPORT

**THIS MAP EDITION WILL NOT BE FIELD EDITED**

<table>
<thead>
<tr>
<th><strong>Map No.</strong></th>
<th><strong>Edition No.</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>TP-01326</td>
<td>1</td>
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</tbody>
</table>

**Job No.**  
CM-8409

**Map Classification**  
CLASS III (FINAL)

**Type of Survey**  
SHORELINE

### LOCALITY

**State**  
VIRGINIA

**General Locality**  
NORFOLK SHIP CHANNEL

**Locality**  
NORFOLK HARBOR

**DATE**  
1983 TO 1989

**REGISTERED IN ARCHIVES**
MAP NOT INSPECTED BY
Quality Control of Photogrammetry Branch
Prior to Registration
**DESCRIPTIVE REPORT - DATA RECORD**

**PHOTOGRAMMETRIC OFFICE**
Coastal Mapping Unit, Atlantic
Marine Center, Norfolk, VA

**OFFICER-IN-CHARGE**
A. Y. Bryson

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**I. INSTRUCTIONS DATED**

**1. OFFICE**
Compilation performed as specified by C&GS Topographic Manual Part II and applicable National Ocean Service Instructions

There were no project instructions for this Project.

**2. FIELD**
Reference National Ocean Service Photogrammetric Instruction No. 22, dated 9/30/65

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**II. DATUMS**

**1. HORIZONTAL:**
- [X] 1927 NORTH AMERICAN
- OTHER (Specify)

**2. VERTICAL:**
- MEAN HIGH-WATER
- MEAN LOW-WATER
- MEAN LOWER LOW-WATER
- MEAN SEA LEVEL
- OTHER (Specify)

**3. MAP PROJECTION**
- Lambert Conformal Projection

**4. GRID(S)**
- STATE: Virginia
- ZONE: South

**5. SCALE**
- 1:5,000

---

**III. HISTORY OF OFFICE OPERATIONS**

<table>
<thead>
<tr>
<th>OPERATIONS</th>
<th>NAME</th>
<th>DATE</th>
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<tr>
<td>1. AEROTRIANGULATION METHOD: None</td>
<td>LANDMARKS AND AIDS BY</td>
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<tr>
<td>2. CONTROL AND BRIDGE POINTS</td>
<td>PLOTTED BY</td>
<td>W. McLemore, Jr.</td>
</tr>
<tr>
<td>METHOD: Aynetics</td>
<td>CHECKED BY</td>
<td>R. Kravitz</td>
</tr>
<tr>
<td>3. STEREOSCOPIC INSTRUMENT</td>
<td>PLANIMETRY BY</td>
<td>R. Kravitz</td>
</tr>
<tr>
<td>COMPILATION</td>
<td>CHECKED BY</td>
<td>P. Evans, Jr.</td>
</tr>
<tr>
<td>INSTRUMENT: Wild B-8</td>
<td>CONTOURS BY</td>
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</tr>
<tr>
<td>SCALE: 1:5,000</td>
<td>CHECKED BY</td>
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<tr>
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<td>PLANIMETRY BY</td>
<td>R. Kravitz</td>
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<td>CHECKED BY</td>
<td>W. McLemore, Jr.</td>
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<td>CHECKED BY</td>
<td>NA</td>
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<td>5. OFFICE INSPECTION PRIOR TO</td>
<td>FINAL REVIEW</td>
<td>W. McLemore, Jr.</td>
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<td>FINAL REVIEW</td>
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<td>6. APPLICATION OF FIELD EDIT DATA</td>
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<td>CHECKED BY</td>
<td></td>
<td>NA</td>
</tr>
<tr>
<td>7. COMPILATION SECTION REVIEW</td>
<td>CLASS III BY</td>
<td>W. McLemore, Jr.</td>
</tr>
<tr>
<td>8. FINAL REVIEW</td>
<td>CLASS III FINAL BY</td>
<td>Jim Byrd, Jr.</td>
</tr>
<tr>
<td>9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH</td>
<td>CHECKED BY</td>
<td>Jim Byrd, Jr.</td>
</tr>
<tr>
<td>10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH</td>
<td>CHECKED BY</td>
<td>P. Hawkins</td>
</tr>
<tr>
<td>11. MAP REGISTERED - COASTAL SURVEY SECTION</td>
<td>CHECKED BY</td>
<td>E. Daugherty</td>
</tr>
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</table>
1. COMPILATION PHOTOGRAPHY

CAMERA(S)
Wild RC-10 (B) (B=152.74mm)

TIDE STAGE REFERENCE
☑ PREDICTED TIDES  □ REFERENCE STATION RECORDS  □ TIDE CONTROLLED PHOTOGRAPHY

TYPES OF PHOTOGRAPHY
LEGEND
(C) COLOR  (P) PANCHROMATIC  (I) INFRARED

TIME REFERENCE
ZONE
Eastern □ STANDARD  □ DAYLIGHT
MERIDIAN 75th

NUMBER AND TYPE DATE TIME SCALE STAGE OF TIDE
83 B(P) 2589 - 2593 May 11, 1983 14:48 1:20,000 0.2 below MLW

Mean Tide Range=2.8 ft.

REMARKS All photographs are based on predicted tide data using Reference Station Hampton Roads, Virginia and Subordinate Station, Norfolk, VA

2. SOURCE OF MEAN HIGH-WATER LINE:
The Mean High Water Line was compiled from office interpretation of the compilation photographs using stereo instrument methods.

3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:
No Mean Low Water Line was 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 TP-01325  
EAST TP-01325  
SOUTH TP-01325  
WEST TP-01325

REMARKS This 1:5000 scale manuscript is an inset to TP-01325, 1:10,000 scale. 
*See item #39 of Compilation Report
### CONTROL RECOVERY

1. **FIELD INSPECTION OPERATION**

<table>
<thead>
<tr>
<th>OPERATION</th>
<th>NAME</th>
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<tr>
<td>1. CHIEF OF FIELD PARTY</td>
<td>W. T. McLemore, Jr.</td>
<td>July 1983</td>
</tr>
<tr>
<td>2. HORIZONTAL CONTROL</td>
<td>W. T. McLemore, Jr.</td>
<td>July 1983</td>
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<td>3. VERTICAL CONTROL</td>
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<td>4. LANDMARKS AND AIDS TO NAVIGATION</td>
<td>W. T. McLemore, Jr.</td>
<td>July 1983</td>
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<td>5. GEOGRAPHIC NAMES INVESTIGATION</td>
<td>NA</td>
<td>NA</td>
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<tr>
<td>6. PHOTO INSPECTION</td>
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<td>7. BOUNDARIES AND LIMITS</td>
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### SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED | None
2. VERTICAL CONTROL IDENTIFIED | None

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<tr>
<th>PHOTO NUMBER</th>
<th>STATION NAME</th>
<th>PHOTO NUMBER</th>
<th>STATION DESIGNATION</th>
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3. PHOTO NUMBERS (Clarification of details)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

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<tr>
<th>PHOTO NUMBER</th>
<th>OBJECT NAME</th>
<th>PHOTO NUMBER</th>
<th>OBJECT NAME</th>
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5. GEOGRAPHIC NAMES: [ ] REPORT [x] NONE

6. BOUNDARY AND LIMITS: [ ] REPORT [x] NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

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

None
## I. MANUSCRIPT COPIES

<table>
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<th>Compilation Stages</th>
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<th>Hydro Support</th>
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<td>Final Review Class III</td>
<td>June 1984</td>
<td>Final Class III Map</td>
<td>OCT 24 1984</td>
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## II. LANDMARKS AND AIDS TO NAVIGATION

### 1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

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<th>CHART LETTER NUMBER ASSIGNED</th>
<th>DATE FORWARDED</th>
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<tr>
<td>4</td>
<td></td>
<td>OCT 24 1984</td>
<td>Landmarks and Aids to Navigation</td>
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### II. FEDERAL RECORDS CENTER DATA

1. BRIDGING PHOTOGRAPHS; DUPLICATE BRIDGING REPORT; COMPUTER READOUTS.
2. CONTROL STATION IDENTIFICATION CARDS; FORM NOS 567 SUBMITTED BY FIELD PARTIES.
3. SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS.

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

<table>
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<tr>
<th>SECOND EDITION</th>
<th>SURVEY NUMBER</th>
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<td>DATE OF FIELD EDIT</td>
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SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-01326

This 1:5,000 scale Final Class III shoreline map (inset) is one of two maps comprising project CM-8409, Norfolk Ship Channel, Virginia.

The purpose of this project is to provide current charting information for nautical chart maintenance.

This Final Class III map features the shoreline along Norfolk Harbor from Berkley waterfront up to Lamberts Point.

Photo coverage was adequately provided by black-and-white Panchromatic photographs. All photographs were taken with the Wild RC-10 (B) camera at 1:20,000 scale in May 1983.

Field work prior to compilation consisted of the recovery of horizontal control necessary for absolute orientation of stereo models. This activity was completed in July 1983.

Ratio values for photographs were determined and ratioed photographs were adequately provided by the Washington Science Center in July 1983.

The base manuscripts with control were ruled at the Atlantic Marine Center by the Xynetics plotter in July 1983.

Compilation, based upon photo interpretation, was performed by the Coastal Mapping Unit at the Atlantic Marine Center in August 1983. Compilation office review was performed in May 1984.

No field edit will be accomplished for this map.

Final review was performed at the Atlantic Marine Center in June 1984. A Chart Maintenance Print was prepared and forwarded to the Marine Chart Branch.

This Descriptive Report contains all pertinent information used to compile this Final Class III map. The original base manuscript and all related data were forwarded to the Washington Science Center for final registration.
FIELD INSPECTION

TP-01326

There was no field inspection prior to compilation. Field work accomplished was limited to the recovery of the horizontal control necessary for the absolute orientation of the stereo models.
# DESCRIPTIVE REPORT CONTROL RECORD

<table>
<thead>
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<th>MAP NO.</th>
<th>JOB NO.</th>
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<th>STATION NAME</th>
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<td>TP-01326</td>
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<td>PORTSMOUTH, NAVAL HOSPITAL LIGHT, 1961</td>
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<td>PORTSMOUTH, RADIO STATION WSAP, TOWER, 1949</td>
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<td>LAMBERT POINT, TANK NEAR, 1919</td>
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<td>NAVAL HOSPITAL, DOME, 1913</td>
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<td>BOLE, 1961</td>
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<td>CATHOLIC, 1913</td>
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</table>

**COMPUTED BY**

DATE: [COMPUTATION CHECKED BY DATE]

**LISTED BY**

W. T. McLemore, Jr.

DATE: 7/12/83

LISTING CHECKED BY

James L. Byrd, Jr.

DATE: 7/14/83

**HAND PLOTTING BY**

DATE: [HAND PLOTTING CHECKED BY DATE]

SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.
<table>
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<tr>
<th>STATION NAME</th>
<th>SOURCE OF INFORMATION (Index)</th>
<th>POINT NUMBER</th>
<th>COORDINATES IN FEET</th>
<th>GEOGRAPHIC POSITION</th>
<th>REMARKS</th>
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</thead>
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<td>ZERO, 1935</td>
<td>Quad 3607614 STA 4253</td>
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<td>ϕ 36°50'50.231&quot;</td>
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<td>y=</td>
<td>λ 76°17'22.080&quot;</td>
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</tr>
</tbody>
</table>

COMPUTED BY

LISTED BY
H. I. McMenemy, Jr.

HAND PLOTTING BY

COMPUTATION CHECKED BY

LISTING CHECKED BY
J. L. Byrd, Jr.

HAND PLOTTING CHECKED BY

DATE 7/12/83

DATE 7/11/83
31 - Delineation

Delineation was accomplished using stereo instrument compilation methods. Instrument compilation was used to delineate shoreline, alongshore and interior detail based upon office interpretation of the 1:20,000 scale panchromatic photographs.

All photographs used to compile this map are listed on NOAA Form 76-36B. The photography was adequate.

32 - Control

No field photo-identification was necessary for horizontal control due to the density and placement of office identifiable NGS third order intersection stations within the project area. The stereo models were controlled with a minimum of 7 identifiable stations per model.

U.S. Geological Survey quadrangles were used to provide vertical control for leveling the stereo models. The density and distribution of quadrangle elevations were adequate.

33 - Supplemental Data

None.

34 - Contours and Drainage

Contours are not applicable to the project. Drainage was compiled by office interpretation of the photographs.

35 - Shoreline and Alongshore Details

The mean high water line was compiled from office interpretation of the photographs as described in item #31. There was no mean low water line compiled for this project.

Details were compiled as they were at the date of photography. Areas under construction at the time of photography were annotated on the manuscript. See item #31.

36 - Offshore Details

Offshore details were compiled by instrument methods as described in item #31.
37 - LANDMARKS AND AIDS

There are 16 charted landmarks and 11 charted navigational aids within the mapping limits of this manuscript. Among these, 14 landmarks and no aids were either located or verified photogrammetrically. Appropriate information was prepared on the 76-40 forms and submitted with this map.

38 - CONTROL FOR FUTURE SURVEYS

None.

39 - JUNCTIONS

Refer to the Data Record Form 76-36B, Item #5.

Due to construction in progress and a one year difference in the time of photography between that used for this map and that used for TP-01325, the mean high water line in the SE corner of the map (approx. Latitude 36°50.0', Longitude 76°17.5') would not junction. This area was labeled "area under construction" on this map and TP-01325.

40 - HORIZONTAL AND VERTICAL ACCURACY

See item #32.

46 - COMPARISON WITH EXISTING MAPS

A comparison was made with the following US Geological Survey quadrangle: Norfolk South, VA, 1:24,000 scale, dated 1965, photorevised 1980.

47 - COMPARISON WITH NAUTICAL CHARTS


ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.
ITEMS TO BE CARRIED FORWARD

None.

Submitted by,

Robert R. Kravitz
Cartographic Technician
August 1983

Approved,

James L. Byrd, Jr.
Chief, Coastal Mapping Unit
61. **GENERAL STATEMENT**

This project was planned in the Photogrammetric Section at the Atlantic Marine Center.

No aerotriangulation operations were performed for this project due to the density and placement of existing horizontal control in the project area. See item #32 in the Compilation Report.

62. **COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS**

Not applicable.

63. **COMPARISON WITH MAPS OF OTHER AGENCIES**

A comparison was made with the following U.S.G.S. Quadrangle: Norfolk South, VA, 1:24,000 scale, dated 1965, photorevised 1980.

64. **COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS**

Not applicable.

65. **COMPARISON WITH NAUTICAL CHARTS**


Differences between the charts and this map are reported on the Chart Maintenance Print.

66. **ADEQUACY OF RESULTS AND FUTURE SURVEYS**

This map complies with the Topo Manual, Part II and applicable NOS instructions, and meets the requirements for National Standards of Map Accuracy.

Submitted by,

James L. Byrd, Jr.
Final Reviewer
Approved for forwarding,

Billy H. Barnes
Chief, Photogrammetric Section, AMC

Approved,

Michael L. Druker
Chief, Photogrammetric Section, Rockville

Michael L. Druker
Chief, Photogrammetry Branch
Rockville
GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-8409 (Norfolk Harbor and Elizabeth River, Virginia)

TP-01326

Berkley
Berkley Bridge (cultural)
Eastern Branch
Elizabeth River
Fort Norfolk (cultural)
Ghent
Hospital Point
Lamberts Point Terminal
Norfolk
Pinner Point
Port Norfolk
Portsmouth
Scott Creek
Smith Creek
Southern Branch
Spotico Creek
Town Point
West Ghent

Approved by;

Charles E. Harrington
Chief Geographer
Nautical Charting Division
DISSEMINATION OF PROJECT MATERIAL
CM-8409

NATIONAL ARCHIVES/FEDERAL RECORDS CENTER
Brown Jacket:
3 Envelopes Containing Contacts and Film Positives
NOAA Forms 76-15
75-82
163

BUREAU ARCHIVES
Registered Copy of Each Map
Descriptive Report of Each Map

REPRODUCTION DIVISION
8x Reduction Negative of Each Map

OFFICE OF STAFF GEOGRAPHER
Geographic Names Standard
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<th>JOB NUMBER</th>
<th>SURVEY NUMBER</th>
<th>DATUM</th>
<th>METHOD AND DATE OF LOCATION</th>
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<td>TP-01326</td>
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<th>OFFICE</th>
<th>FIELD</th>
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<td></td>
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<td>FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES</td>
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**INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'**

*(Consult Photogrammetric Instructions No. 64.*

**OFFICE**

1. OFFICE IDENTIFIED AND LOCATED OBJECTS
   Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object.
   EXAMPLE: 75E(C)6042
   8-12-75

**FIELD (Cont'd)**

B. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object.
   EXAMPLE: P-8-V
   8-12-75
   74L(C)2982

II. TRIANGULATION STATION RECOVERED
   When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery.
   EXAMPLE: Triang. Rec.
   8-12-75

III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH
   Enter 'V-Vis.' and date.
   EXAMPLE: V-Vis.
   8-12-75

**PHOTOGRAHMETRIC FIELD POSITIONS** are dependent entirely, or in part, upon control established by photogrammetric methods.

*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.
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<thead>
<tr>
<th>CHARTING NAME</th>
<th>DESCRIPTION</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
<th>OFFICE</th>
<th>FIELD</th>
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<tbody>
<tr>
<td>TANK</td>
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<td>07.259 76 18</td>
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OFFICE

1. OFFICE IDENTIFIED AND LOCATED OBJECTS
   Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object.
   EXAMPLE: 75E(C)6042
              8-12-75

FIELD (Cont'd)

B. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object.
   EXAMPLE: P-B-V
              8-12-75
              74L(C)2982

II. TRIANGULATION STATION RECOVERED
   When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery.
   EXAMPLE: Triang. Rec.
              8-12-75

III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH
   Enter 'V-Vis.' and date.
   EXAMPLE: V-Vis.
              8-12-75

**PHOTOGRAHMENTIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.
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<th>OFFICE</th>
<th>FIELD</th>
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<td>Crawford Harbor South Light</td>
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<td>50.3</td>
<td>76</td>
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<td></td>
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</tr>
<tr>
<td>LIGHT*</td>
<td>Crawford Harbor North Light</td>
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<td>50.3</td>
<td>76</td>
<td>17.8</td>
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<td>LIGHT*</td>
<td>Holiday Harbor Jetty Light</td>
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<td>50.5</td>
<td>76</td>
<td>17.9</td>
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<td>LIGHT*</td>
<td>Holiday Harbor South Entrance Light</td>
<td>36</td>
<td>50.5</td>
<td>76</td>
<td>17.9</td>
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</tr>
<tr>
<td>LIGHT*</td>
<td>Holiday Harbor North Entrance Light</td>
<td>36</td>
<td>50.5</td>
<td>76</td>
<td>17.9</td>
<td></td>
</tr>
<tr>
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<td>(Not in 1984 list) Town Point Daybeacon</td>
<td>36</td>
<td>50.9</td>
<td>76</td>
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<td>NOT VISIBLE</td>
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<tr>
<td>DAY BEACON</td>
<td>Scott Creek Channel Daybeacon 5</td>
<td>36</td>
<td>50.8</td>
<td>76</td>
<td>18.9</td>
<td>NOT IDENTIFIABLE</td>
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<td>DAY BEACON</td>
<td>Scott Creek Channel Daybeacon 4</td>
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<td>50.8</td>
<td>76</td>
<td>19.0</td>
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<td>DAY BEACON</td>
<td>Scott Creek Channel Daybeacon 1</td>
<td>36</td>
<td>51.0</td>
<td>76</td>
<td>18.6</td>
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</table>

*Position scaled from chart.
<table>
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<tr>
<th>RESPONSIBLE PERSONNEL</th>
<th>TYPE OF ACTION</th>
<th>NAME</th>
<th>ORIGINATOR</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>OBJECTS INSPECTED FROM SEAWARD</td>
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<td></td>
<td>POSITIONS DETERMINED AND/OR VERIFIED</td>
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<td></td>
<td>FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES</td>
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**INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'**

(Consult Photogrammetric Instructions No. 64)

**OFFICE**

I. OFFICE IDENTIFIED AND LOCATED OBJECTS

Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object.

**EXAMPLE:** 75EC(c)6042

8-12-75

**FIELD (Cont'd)**

B. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object.

**EXAMPLE:** P-8-V

8-12-75

74LC(c)2982

II. TRIANGULATION STATION RECOVERED

When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery.

**EXAMPLE:** Triang. Rec.

8-12-75

III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH

Enter 'V-Vis.' and date.

**EXAMPLE:** V-Vis.

8-12-75

**FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.**

*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.*
The following objects **HAVE** been inspected from seaward to determine their value as landmarks.

<table>
<thead>
<tr>
<th>CHARTING NAME</th>
<th>DESCRIPTION</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DAY BEACON</strong></td>
<td>Scott Creek Channel Daybeacon 2</td>
<td>36° 76'</td>
<td>50° 18.9'</td>
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<tr>
<td><strong>LIGHT</strong></td>
<td>Norfolk Waterside Pier Light</td>
<td>36° 76'</td>
<td>50° 17.5'</td>
</tr>
</tbody>
</table>

*Position scaled from chart.*
<table>
<thead>
<tr>
<th>TYPE OF ACTION</th>
<th>RESPONSIBLE PERSONNEL</th>
<th>ORIGINATOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>OBJECTS INSPECTED FROM SEAWARD</td>
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</tbody>
</table>

**INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'**

*(Consult Photogrammetric Instructions No. 64.)*

**OFFICE**

1. **OFFICE IDENTIFIED AND LOCATED OBJECTS**
   - Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object.
   - **EXAMPLE:** 75E(C)6042
     - 8-12-75

**FIELD (Cont'd)**

1. **NEW POSITION DETERMINED OR VERIFIED**
   - Enter the applicable data by symbols as follows:
     - F - Field
     - P - Photogrammetric
     - L - Located
     - V - Visually
     - V - Verified
     - 1 - Triangulation
     - 2 - Traverse
     - 3 - Intersection
     - 4 - Resection
     - 5 - Field Identified
     - 6 - Theodolite
     - 7 - Planetary
     - 8 - Sextant
   - **A. Field positions** require entry of method of location and date of field work.
     - **EXAMPLE:** F-2-6-L
     - 8-12-75
   - **FIELD POSITIONS** are determined by field observations based entirely upon ground survey methods.

   **FIELD (Cont'd)**

   8. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object.
   - **EXAMPLE:** P-8-V
     - 8-12-75
     - 74L(C)2982

II. **TRIANGULATION STATION RECOVERED**
   - When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery.
   - **EXAMPLE:** Triang. Rec.
     - 8-12-75

III. **POSITION VERIFIED VISUALLY ON PHOTOGRAPH**
   - Enter 'V-Vis.' and date.
   - **EXAMPLE:** V-Vis.
     - 8-12-75

**PHOTOMGRAMMETRIC FIELD POSITIONS** are dependent entirely, or in part, upon control established by photogrammetric methods.
## INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Revising File.

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<th>CARTOGRAPHER</th>
<th>REMARKS</th>
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