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

DESCRIPTIVE REPORT  

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>TP-00695</td>
<td>1</td>
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<table>
<thead>
<tr>
<th>Job No.</th>
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<tbody>
<tr>
<td>CN-7404</td>
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<table>
<thead>
<tr>
<th>Map Classification</th>
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<tbody>
<tr>
<td>FINAL, FIELD EDITED MAP</td>
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</table>

<table>
<thead>
<tr>
<th>Type of Survey</th>
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</thead>
<tbody>
<tr>
<td>SHORELINE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LOCALITY</th>
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</thead>
<tbody>
<tr>
<td>State</td>
</tr>
<tr>
<td>MASSACHUSETTS</td>
</tr>
<tr>
<td>General Locality</td>
</tr>
<tr>
<td>BUZZARDS BAY</td>
</tr>
<tr>
<td>Locality</td>
</tr>
<tr>
<td>NEW BEDFORD</td>
</tr>
</tbody>
</table>

| 1974 TO 1980 |

| REGISTERED IN ARCHIVES |

| DATE |
**DESCRIPTIVE REPORT - DATA RECORD**

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

**OFFICER-IN-CHARGE**
Jeffrey G. Carlen, CDR

---

**I. INSTRUCTIONS DATED**

<table>
<thead>
<tr>
<th>OFFICE</th>
<th>FIELD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerotriangulation</td>
<td>Horizontal Control</td>
</tr>
<tr>
<td>Compilation</td>
<td>January 30, 1974 (Premarking)</td>
</tr>
<tr>
<td>Memo</td>
<td>Amendment I</td>
</tr>
<tr>
<td>Amendment PH-6311</td>
<td>March 08, 1974</td>
</tr>
<tr>
<td>Supplement I</td>
<td></td>
</tr>
<tr>
<td>Supplement II</td>
<td></td>
</tr>
</tbody>
</table>

**II. DATUMS**

1. **HORIZONTAL:**
   - 1927 North American

2. **VERTICAL:**
   - Mean High Water
   - Mean Low Water
   - Mean Lower Low Water
   - Mean Sea Level

3. **MAP PROJECTION**
   - Lambert Conformal

4. **GRID(S):**
   - STATE: Massachusetts
   - ZONE: Mainland

**III. HISTORY OF OFFICE OPERATIONS**

<table>
<thead>
<tr>
<th>OPERATIONS</th>
<th>NAME</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. AEROTRIANGULATION</td>
<td>M. McGinley</td>
<td>April 1975</td>
</tr>
<tr>
<td>2. CONTROL AND BRIDGE POINTS</td>
<td>R. Robertson</td>
<td>April 1975</td>
</tr>
<tr>
<td>3. STEREOSCOPIC INSTRUMENT</td>
<td>D. Butler</td>
<td>Feb. 1976</td>
</tr>
<tr>
<td>4. MANUSCRIPT DELINEATION</td>
<td>A. Shands</td>
<td>March 1976</td>
</tr>
<tr>
<td>5. OFFICE INSPECTION PRIOR TO FIELD EDIT</td>
<td>A. Shands</td>
<td>March 1976</td>
</tr>
<tr>
<td>6. APPLICATION OF FIELD EDIT DATA</td>
<td>D. Butler</td>
<td>2/80; 11/80</td>
</tr>
<tr>
<td>7. COMPILATION SECTION REVIEW</td>
<td>C. Blood</td>
<td>2/80; 4/81</td>
</tr>
<tr>
<td>8. FINAL REVIEW</td>
<td>C. Blood</td>
<td>April 1981</td>
</tr>
<tr>
<td>9. DATA FORWARD TO PHOTOGRAMMETRIC BRANCH</td>
<td>C. Blood</td>
<td>Jan. 1985</td>
</tr>
<tr>
<td>10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH</td>
<td>C. Blood</td>
<td>March 1985</td>
</tr>
<tr>
<td>11. MAP REGISTERED - COASTAL SURVEY SECTION</td>
<td>C. Blood</td>
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### Compilation Sources

<table>
<thead>
<tr>
<th>Camera(s)</th>
<th>Types of Photography Legend</th>
<th>Time Reference</th>
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</thead>
<tbody>
<tr>
<td>Wild RC-8&quot;E&quot;, E=152.71 mm</td>
<td>(C) Color</td>
<td>Eastern</td>
</tr>
<tr>
<td></td>
<td>(P) Panchromatic</td>
<td>Standard</td>
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<tr>
<td></td>
<td>(I) Infrared</td>
<td>Daylight</td>
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<table>
<thead>
<tr>
<th>Tide Stage Reference</th>
<th>Zone</th>
<th>Meridian</th>
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<tbody>
<tr>
<td>Predicted Tides</td>
<td>Eastern</td>
<td>75th</td>
</tr>
<tr>
<td>Reference Station Records</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tide Controlled Photography</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Number and Type</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
</tr>
</thead>
<tbody>
<tr>
<td>74E(C)6985-6988</td>
<td>Oct.18,1974</td>
<td>12:13</td>
<td>1:15,000</td>
<td>1.9 ft. above MLW*</td>
</tr>
</tbody>
</table>

### Remarks

*Compilation/Bridging photographs.

### 2. Source of Mean High-Water Line:

*The mean high water line was compiled from the above listed compilation photographs by stereo instrument methods.

### 3. Source of Mean Low-Water or Mean Lower Low-Water Line:

The mean low water line was not compiled, as sufficient tide coordinated photographs were not provided at MLW, covering the area of this 1:5,000 scale manuscript.

### 4. Contemporary Hydrographic Surveys

(List only those surveys that are sources for photogrammetric survey information.)

<table>
<thead>
<tr>
<th>Survey Number</th>
<th>Date(s)</th>
<th>Survey Copy Used</th>
<th>Survey Number</th>
<th>Date(s)</th>
<th>Survey Copy Used</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

### 5. Final Junctions

- **North**: TP-00767
- **East**: TP-00768
- **South**: TP-00767
- **West**: TP-00767

**Remarks**

This 1:5,000 scale inset manuscript lies approximately one-half within TP-00767 and one-half within TP-00768, both of which are 1:10,000 scale.
# History of Field Operations

## 1. Field Inspection Operation (Premarking)

<table>
<thead>
<tr>
<th>Operation</th>
<th>Name</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chief of Field Party</td>
<td>R. Tibbetts</td>
<td>April 1974</td>
</tr>
</tbody>
</table>

## 2. Horizontal Control

- Recovered by: None
- Established by: None
- Pre-marked or Identified by: None

## 3. Vertical Control

- Recovered by: None
- Established by: None
- Pre-marked or Identified by: None

## 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:
  - ☐ Complete
  - ☐ Specific Names Only
  - ☑ No Investigation

## 6. Photo Inspection

- Clarification of Details by: None

## 7. Boundaries and Limits

- Surveyed or Identified by: N. A.

## II. Source Data

### 1. Horizontal Control Identified

- None

### 2. Vertical Control Identified

- None

### 3. Photo Numbers (Clarification of Details)

- None

### 4. Landmarks and Aids to Navigation Identified

- None

### 5. Geographic Names:

- ☐ Report
- ☑ None

### 6. Boundary and Limits:

- ☐ Report
- ☑ None

### 7. Supplemental Maps and Plans

- None

### 8. Other Field Records (Sketch books, etc. Do Not list data submitted to the Geodesy Division)

- None
### HISTORY OF FIELD OPERATIONS

1. **Field Inspection Operation**
   - **Operation:** Chief of Field Party
   - **Recovered by:** R. Tibbetts
   - **Established by:** R. Tibbetts
   - **Pre-Marked or Identified by:** None
   - **Recovered by:** R. Tibbetts
   - **Established by:** None
   - **Pre-Marked or Identified by:** None

2. **Horizontal Control**
   - **Recovered (Triangulation Stations) by:** R. Tibbetts
   - **Located (Field Methods) by:** None
   - **Identified by:** R. Tibbetts

3. **Vertical Control**
   - **Located (Field Methods) by:** None
   - **Identified by:** None

4. **Landmarks and Aids to Navigation**
   - **Recovered:** May 1976
   - **Located (Field Methods):** May 1976
   - **Identified by:** R. Tibbetts

5. **Geographic Names Investigation**
   - **Type of Investigation:** Complete

6. **Photo Inspection**
   - **Clarification of Details by:** R. Tibbetts
   - **Surveyed or Identified by:** N.A.

7. **Boundaries and Limits**
   - **Surveyed or Identified by:** N.A.

### SOURCE DATA

1. **Horizontal Control Identified**
   - **None**

2. **Vertical Control Identified**
   - **None**

### PHOTO NUMBERS (Clarification of details)

- 74E(C)6985, 6987 and 6988 (Black/White ratio, 1:5,000 scale)

### LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

- **PHOTO NUMBER:**
  - 74E(C)6985
  - 74E(C)6985

- **OBJECT NAME:**
  - New Bedford East Barrier Light
  - New Bedford West Barrier Light

### GEOGRAPHIC NAMES:

- **Report:** None

### BOUNDARY AND LIMITS:

- **Report:** None

### SUPPLEMENTAL MAPS AND PLANS

- **None**

### OTHER FIELD RECORDS (Sketch books, etc. **DO NOT** filu data submitted to the Geodesy Division)

- 1 Field Edit Paper Print, 1 Field Edit Report
## HISTORY OF FIELD OPERATIONS

### 1. FIELD INSPECTION OPERATION

<table>
<thead>
<tr>
<th>OPERATION</th>
<th>NAME</th>
<th>DATE</th>
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<tbody>
<tr>
<td>CHIEF OF FIELD PARTY</td>
<td>R. Tibbetts</td>
<td>Oct. 1980</td>
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### 2. FIELD EDIT OPERATION (Supplemental Edit)

<table>
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<tr>
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<th>DATE</th>
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<tbody>
<tr>
<td>HORIZONTAL CONTROL</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>VERTICAL CONTROL</td>
<td>None</td>
<td>None</td>
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<tr>
<td>LANDMARKS AND AIDS TO NAVIGATION</td>
<td>R. Tibbetts</td>
<td>Sept. 1980</td>
</tr>
</tbody>
</table>

### 5. GEOGRAPHIC NAMES INVESTIGATION

- TYPE OF INVESTIGATION: 
  - COMPLETE
  - SPECIFIC NAMES ONLY
  - NO INVESTIGATION

### 6. PHOTO INSPECTION


### 7. BOUNDARIES AND LIMITS

- SURVEYED OR IDENTIFIED BY: None

### II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

   None

2. VERTICAL CONTROL IDENTIFIED

   None

3. PHOTO NUMBERS (Classification of details)

   74E(C)6986 (Color Ratio, 1:5,000 scale)

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

   None

5. GEOGRAPHIC NAMES:

   - REPORT
   - NONE

6. 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)

   - 1 Field Edit Report
   - 1 Field Edit Film Print
**I. MANUSCRIPT COPIES**

<table>
<thead>
<tr>
<th>DATA COMPILED</th>
<th>DATE</th>
<th>REMARKS</th>
<th>MARINE CHARTS</th>
<th>HYDRO SUPPORT</th>
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<tbody>
<tr>
<td>Partial field edit applied.</td>
<td>Feb. 1980</td>
<td>Class III Manuscript SUPERSEDED</td>
<td>Nov. 1980</td>
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<td>Additional field edit applied, compilation complete.</td>
<td>April 1981</td>
<td>SUPERSEDED Class I Manuscript</td>
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**II. LANDMARKS AND AIDS TO NAVIGATION**

1. **REPORT TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH**

<table>
<thead>
<tr>
<th>NUMBER (PAGES)</th>
<th>CHART LETTER NUMBER ASSIGNED</th>
<th>DATE FORWARDED</th>
<th>REMARKS</th>
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<tbody>
<tr>
<td>1</td>
<td></td>
<td>May 1980</td>
<td>Landmarks to be charted</td>
</tr>
<tr>
<td>1</td>
<td></td>
<td>May 1980</td>
<td>Non-Floating Aids to Navigation to be charted</td>
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</table>

2. **REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED:**

3. **REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED:**

**III. FEDERAL RECORDS CENTER DATA**

1. BRIDGING PHOTOGRAPHS; DUPLICATE BRIDGING REPORT; COMPUTER READOUTS.

2. CONTROL STATION IDENTIFICATION CARDS; FORM NOS 567 SUBMITTED BY FIELD PARTIES.

3. SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.

**IV. SURVEY EDITIONS**

(This section shall be completed each time a new map edition is registered)

<table>
<thead>
<tr>
<th>SECOND EDITION</th>
<th>SURVEY NUMBER</th>
<th>JOB NUMBER</th>
<th>TYPE OF SURVEY</th>
<th>MAP CLASS</th>
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<tbody>
<tr>
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<td>SURVEY NUMBER</td>
<td>JOB NUMBER</td>
<td>TYPE OF SURVEY</td>
<td>MAP CLASS</td>
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<tr>
<td>FOURTH EDITION</td>
<td>SURVEY NUMBER</td>
<td>JOB NUMBER</td>
<td>TYPE OF SURVEY</td>
<td>MAP CLASS</td>
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</table>
SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00695

This 1:5,000 scale final shoreline inset map is one of seventeen maps that comprise project CM-7407, Buzzards Bay, Massachusetts. The project consists of sixteen 1:10,000 scale maps (TP-00761 thru TP-00776) and one 1:5,000 scale inset map (TP-00695).

The purpose of this map was to furnish support for hydrographic activity scheduled in the spring of 1976 and to provide current shoreline data for nautical charts.

This inset map portrays a major portion of the shoreline along Acushnet River which includes the industrial area of New Bedford Harbor.

Photo coverage for the project was adequately provided in 1974 with 1:60,000 scale, 1:30,000 scale and 1:15,000 scale color photographs. The 1:60,000 scale photographs were taken with the RC-10 "C" camera for aerotriangulation. The 1:30,000 scale photographs were taken with the RC-8 "E" camera for aerotriangulation and compilation. Supplemental tide coordinated infrared photographs at 1:30,000 scale were taken on black-and-white film at mean low water with the RC-10 "Z" camera. Photo coverage used to produce this inset map was taken at 1:15,000 scale with the RC-10 "Z" camera. Mean low water tide coordinated infrared photography at 1:15,000 scale was not provided.

Field work prior to compilation consisted of the recovery, establishment and identification, by premarking methods, of horizontal control necessary for aerotriangulation. Also, the field party was responsible for assisting in obtaining the tide coordinated aerial photography. This activity was performed April 1974.

Analytic aerotriangulation was adequately provided by the Washington Science Center April 1975. This activity also included ruling the base manuscripts and providing ratio photographs for compilation.

Compilation by office interpretation of the 1:15,000 scale color photographs was performed at the Coastal Mapping Section, Atlantic Marine Center in March 1976. The mean low water line was not compiled for this inset map because large scale (1:15,000) tide coordinated infrared photography was not furnished. Copies of the Class III manuscript and applicable source data were forward to the field for edit.

A Class III map print was forwarded to the hydrographer in support of contemporary hydrographic operations. The hydro surveys common to this map, H-9628 and H-9669, were field accomplished but are unprocessed and currently in an inactive status.
TP-00695

Field edit was conducted May 1976 by coastal mapping field personnel. Application of this data was accomplished February 1980 at the original compilation office. The manuscript classification was not advanced because of incomplete field verification; however, a copy was submitted to the Marine Charts Branch. A supplemental field edit was performed October 1980 and final compilation in April 1981 advanced the manuscript to Class I.

Final review was performed at the Atlantic Marine Center in January 1985. A final Chart Maintenance Print and a Hydrographic Print were prepared and forwarded to the Marine Charts Branch and the Hydrographic Surveys Branch.

The Descriptive Report for this final shoreline inset map contains all pertinent information used to produce this map. The original base manuscript and related data were forwarded to the Washington Science Center for final registration.
FIELD INSPECTION
TP-00695

There was no field inspection prior to compilation. Field work accomplished was limited to the recovery and indentification by premarking methods of the horizontal control necessary for the aerotriangulation of the project.
21. Area Covered

This project covers the shoreline of Buzzards Bay and the
Elizabeth Islands. Included are seventeen T-sheets. Sheets
TP-00761 thru TP-00776 are 1:10,000 scale and TP-00695 is
1:5,000 scale.

All sheets have the Massachusetts State Grid (Mainland Zone)
intersections plotted.

22. Method

Four strips of color photography were bridged on the Wild
STK-1 in order to obtain compilation and pass-point positions
and exact scale ratios to be used during compilation.

Strip 1 (1:60,000-scale) was adjusted on five field-identified
triangulation stations with twenty-two additional triangulation
stations and tie points as checks. Strip 2 (1:60,000-scale)
was adjusted on three field-identified triangulation stations
and one tie point with fourteen additional triangulation
stations and tie points as checks. Strip 3 (1:30,000-scale)
was adjusted on five field identified triangulation stations
with sixteen additional triangulation stations and tie points
as checks. Strip 4 (1:15,000-scale) was adjusted on four
office identified triangulation stations with six additional
triangulation stations and tie points as checks. All adjust-
ments were performed on the IBM 6600. All sheets were ruled
and plotted on the Calcomp.

1:10,000-scale ratios were ordered for the entire project.
1:5,000-scale ratios were also ordered for the area covered
by T-sheet TP-00695.

The panel for Nobska Point Lighthouse 1904 could not be held
in the adjustments. A distance was not recorded on the Control
Station Identification form at the time of the field work,
but was furnished by the Norfolk Office at a later date. It
is believed an error in this distance is the cause for the
point not holding in the strip adjustments.

The center panel of the target for Goosberry Neck 2 (USE) 1934
was not in place at the time of photography. Only the three
legs were visible.
Neither one of the two field-identified substitute points for USE 6/1934 could be found on the 1:15,000-scale bridging photography (Strip 4).

All other horizontal control utilized in the adjustments held within National Map Accuracy.

24. **Supplemental Data**

Vertical control for bridging only was obtained from local USGS quadrangles.

25. **Photography**

Photography was adequate as to overlap and coverage.

Submitted by:

[Signature]

Michael L. McGinley

Approved by:

[Signature]

John D. Perrow, Jr.
Chief, Aerotriangulation Section
<table>
<thead>
<tr>
<th>STATION NAME</th>
<th>SOURCE OF INFORMATION (Index)</th>
<th>COORDINATES IN FEET</th>
<th>GEOGRAPHIC POSITION</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAIRHAVEN HIGH SCHOOL, 1934</td>
<td>G.P. Vol.1 pg. 319</td>
<td>x=</td>
<td>( \phi , 41^\circ 38'34.622'' )</td>
<td>1068.1</td>
</tr>
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<td></td>
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<td>y=</td>
<td>( \lambda , 70^\circ 54'22.858'' )</td>
<td>783.0</td>
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<tr>
<td></td>
<td></td>
<td>x=</td>
<td>( \phi , 41^\circ 38'03.171'' )</td>
<td>529.0</td>
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<tr>
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<td></td>
<td>y=</td>
<td>( \lambda , 70^\circ 55'33.063'' )</td>
<td>859.6</td>
</tr>
<tr>
<td>ST. JAMES CHURCH SPIRE, 1934</td>
<td>G.P. Vol.1 pg. 317</td>
<td>x=</td>
<td>( \phi , 41^\circ 37'22.468'' )</td>
<td>97.8</td>
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<td></td>
<td>y=</td>
<td>( \lambda , 70^\circ 55'32.369'' )</td>
<td>1753.3</td>
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<tr>
<td>NEW BEDFORD COURTHOUSE, 1844</td>
<td>G.P. Vol.1 pg. 802</td>
<td>x=</td>
<td>( \phi , 41^\circ 38'11.790'' )</td>
<td>1228.2</td>
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<td></td>
<td></td>
<td>y=</td>
<td>( \lambda , 70^\circ 55'37.089'' )</td>
<td>160.6</td>
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<tr>
<td>NEW BEDFORD BAPTIST CHURCH, 1844</td>
<td>G.P. Vol.1 pg. 316</td>
<td>x=</td>
<td>( \phi , 41^\circ 37'26.059'' )</td>
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<tr>
<td></td>
<td></td>
<td>y=</td>
<td>( \lambda , 70^\circ 54'10.524 )</td>
<td>817.8</td>
</tr>
</tbody>
</table>

**COMPUTED BY:** A. C. Rauck, Jr.  
**DATE:**  
**COMPUTATION CHECKED BY:** Irene Perkinson/C. Parker  
**DATE: 5-30-75/3-12-76**  
**LISTED BY:**  
**DATE:**  
**LISTING CHECKED BY:**  
**DATE:**  
**HAND PLOTTING BY:**  
**DATE:**

SUPERSEDES NOAA FORM 76-41, 2-75 EDITION WHICH IS OBSOLETE.
31 - DELINEATION

Delineation was accomplished using stereo instrument compilation methods. The Wild B-8 stereoplotter was used to delineate shoreline, alongshore and interior detail based upon office interpretation of the 1:15,000 scale bridging/compilation color photographs.

The mean low water line was not compiled because no 1:15,000 scale MLW tide coordinated infrared photographs were taken for this map.

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

32 - CONTROL

Refer to the Photogrammetric Plot Report dated April 1975.

33 - SUPPLEMENTAL DATA

None.

34 - CONTOURS AND DRAINAGE

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

35 - SHORELINE AND ALONGSHORE DETAILS

The MHW line and alongshore detail were compiled from office interpretation of the 1:15,000 scale compilation photographs as described in item #31. No low water line was compiled.

36 - OFFSHORE DETAILS

Offshore detail was compiled by instrument methods as described in item #31.

37 - LANDMARKS AND AIDS

Work copies of forms 76-40 were prepared and forwarded to the field editor for verification, location an/or deletion.

38 - CONTROL FOR FUTURE SURVEYS

None.
39 - JUNCTIONS

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

40 - HORIZONTAL AND VERTICAL ACCURACY

Refer to the Photogrammetric Plot Report dated April 1975.

46 - COMPARISON WITH EXISTING MAPS

A comparison has been made with the following U.S. Geological Survey Quadrangles: New Bedford North, Mass., scale 1:24,000, dated 1964; and New Bedford South, Mass., scale 1:24,000, dated 1963.

47 - COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with the following National Ocean Survey Chart: No. 13229, 1:40,000 scale (1:20,000 inset), 16th edition, dated February 2, 1980.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Submitted by,

[Signature]

C. Parker
Cartographic Technician
March 15, 1976

Approved,

[Signature]

Albert C. Rauck, Jr.
Chief, Coastal Mapping Section
ADDENDUM TO THE COMPILATION REPORT

TP-00695

FIELD EDIT

The original field edit was accomplished by coastal mapping field personnel May 1976. Additional edit data was collected October 1980. Landmark and navigational aid information was submitted September 1979 in conjunction with the two 1:10,000 scale manuscripts (TP-00767, TP-00768) which encase this manuscript.

The position of the radio tower at Lat. 41°37'20.9", Long. 70°55'07.1" was accepted from the hydrographer. This feature does not appear on the photographs.

Shallow lines were removed from the manuscript. The color compilation photography did not permit adequate coverage for MLW line delineation.
GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7407 (Buzzards Bay and Elizabeth Islands, Massachusetts)

TP-00695

Buzzards Bay
Conrail (RR)
Crow Island
Fairhaven
Fish Island
Fort Phoenix (cultural)
Harbor View
New Bedford
New Bedford Harbor
Oxford
Palmer Island
Popes
Acushnet River

Approved by:

Charles E. Harrington
Chief Geographer
Nautical Charting Division
FIELD EDIT REPORT
BUZZARDS BAY AND ELIZABETH ISLANDS
MASSACHUSETTS
JOB CM-7407
MAP TP-00695

51. METHODS.
   The shoreline was inspected by truck, boat and walking, where the depth was too shoal to run a boat.

52. ADEQUACY OF COMPILATION.
   Compilation was adequate. The MHL was accepted as compiled. No significant shoreline changes were noted during field edit.

54. RECOMMENDATIONS.
   None.

56. LANDMARKS AND NON-FLOATING AIDS.
   This map is located within the limits of Maps TP-00767 and TP-00768. Data for landmark and aids are with these maps.

57. ROCKS, REEPS AND SHOALS.
   There are numerous rocks on Map TP-00695 which have been located on photography or verified on the field edit ozalid. Two questions on rocks were overlooked during edit because they did not get transferred to the field work ozalid.

58. PHOTOGRAPHY.
   The photography was adequate.

Robert S. Tibbetts
May 1976
FIELD EDIT REPORT
JOB CM-7407; TP-00695
Supplemental

51. METHODS

Field edit (rocks only) was performed according to photogrammetry instructions of the National Ocean Survey Operations Manual and according to instructions attached to field edit sheet. Photogrammetric, Plane Table, truck and walking the shoreline were all used to locate rocks. Where possible and accurate, a line was drawn offshore to indicate a foul limit. Any descriptive notes will be found on both the photographs and the field edit sheet.

52. ADEQUACY OF COMPLETION

Adequate pending completion of rocks.

53. MAP ACCURACY

No test required.

54. RECOMMENDATIONS

None.

55. EXAMINATION OF PROOF COPY

Not required.

Approved & Forwarded

Robert S. Tibbetts
Chief, Photo Party 62

Submitted

Robert S. Tibbetts
61. GENERAL STATEMENT

Final review for this final field edited map was accomplished at the Atlantic Marine Center in January 1985. For a schedule of the office and field operations, refer to the Summary included with this Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

No survey is applicable to this map.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

A comparison was made with the following 1:24,000 scale U.S. Geological Survey quadrangles: New Bedford North, Mass., dated 1964; and New Bedford South, Mass., dated 1963.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Contemporary hydrographic activity common to this map was assigned as hydro surveys H-9628, H-9669. These surveys were physically accomplished; however, the field data is currently unprocessed and the completion date unscheduled.

65. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following NOS nautical charts: '13229, 20th edition, dated March 24, 1984, 1:40,000 scale (1:20,000 scale inset); and 13230, 34th edition, dated March 10, 1984, 1:40,000 scale.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

This map complies with the Project Instructions, and meets the requirements for National Standards of Map Accuracy.

Submitted by,

Jerry L. Hancock
Final Reviewer

Approved for forwarding,

Billy H. Barnes
Chief, Photogrammetric Section, AMC

Approved

Chief, Photogrammetric Section, Rockville

Chief, Photogrammetry Branch, Rockville
## Landmarks for Charts

**GPR Project No.** 503  
**Job Number** CM-7407  
**Survey Number** TP-00695  
**Datum** N.A. 1927  

<table>
<thead>
<tr>
<th>Charting Name</th>
<th>Description</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Datum</th>
<th>Method and Date of Location</th>
<th>Field</th>
<th>Charts Affected</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOWER</td>
<td>Abandoned Lighthouse</td>
<td>41-37</td>
<td>70-54</td>
<td>36.66</td>
<td>804</td>
<td>74E(C) 6985</td>
<td>Oct 18, 1974</td>
</tr>
<tr>
<td>SPIRE</td>
<td></td>
<td>41-38</td>
<td>245</td>
<td>07.94</td>
<td>08.64</td>
<td>74E(C) 6986</td>
<td>Oct 18, 1974</td>
</tr>
<tr>
<td>SPIRE</td>
<td></td>
<td>41-38</td>
<td>300</td>
<td>09.72</td>
<td>15.12</td>
<td>74E(C) 6987</td>
<td>Oct 18, 1974</td>
</tr>
<tr>
<td>R. TOWER</td>
<td>WNBH</td>
<td>41-38</td>
<td>372</td>
<td>12.06</td>
<td>39.84</td>
<td>74E(C) 6987</td>
<td>Oct 18, 1974</td>
</tr>
<tr>
<td>CUPOLA</td>
<td>(Fairhaven High School, 1934)</td>
<td>41-38</td>
<td>1068.1</td>
<td>34.622</td>
<td>22.858</td>
<td></td>
<td></td>
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<tr>
<td>STACK</td>
<td></td>
<td>41-37</td>
<td>1512</td>
<td>49.01</td>
<td>14.82</td>
<td>74E(C) 6986</td>
<td>Oct 18, 1974</td>
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<tr>
<td>STACK</td>
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<td>41-38</td>
<td>392</td>
<td>12.71</td>
<td>18.49</td>
<td>74E(C) 6987</td>
<td>Oct 18, 1974</td>
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<tr>
<td>R. TOWER</td>
<td>WBSM</td>
<td>41-38</td>
<td>803</td>
<td>26.03</td>
<td>03.80</td>
<td>74E(C) 6987</td>
<td>Oct 18, 1974</td>
</tr>
<tr>
<td>SPIRE</td>
<td>(St. James Church Spire, 1934)</td>
<td>41-37</td>
<td>693.2</td>
<td>22.468</td>
<td>32.369</td>
<td>74E(C) 6985</td>
<td>Oct 18, 1974</td>
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**Instructions for Entries Under Method and Date of Location**

<table>
<thead>
<tr>
<th>Field (cont'd)</th>
<th>7-12-75</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-12-75</td>
<td></td>
</tr>
<tr>
<td>EXAMPLE: V-71s, and date.</td>
<td></td>
</tr>
<tr>
<td>EXAMPLE: TRAVERSING RECEIVED, ENTER TRAVERSING.</td>
<td></td>
</tr>
<tr>
<td>EXAMPLE: TRAVERSING STATION RECEIVED.</td>
<td></td>
</tr>
<tr>
<td>EXAMPLE: P-36 (or d)</td>
<td></td>
</tr>
<tr>
<td>EXAMPLE: V-8 2/72</td>
<td></td>
</tr>
</tbody>
</table>

**Activities**

- Field positions are determined by field observer.
- EXAMPLE: F-2-6-72

4. Field positions require entry of method of location and date of field work.

- 7 - Plane table
- 6 - Theodolite
- 5 - Field identified
- 4 - Vertical
- 3 - Intersection
- 2 - Traverse
- 1 - Location

Enter the applicable data by symbols as follows:

1. NEW POSITION DETERMINED OR VERIFIED
2. FIELD OBSERVER

**Office**

- FIELD OFFICER
- LOCATION AND DATE OF LOCATION
- FIELD OBSERVER

**Organization**

<table>
<thead>
<tr>
<th>RESPONSIBLE PERSONNEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAME</td>
</tr>
</tbody>
</table>

**Office**

- D. P. BUTLER
- S. TIPPLES
- D. P. BUTLER
- S. TIPPLES
- D. P. BUTLER
- S. TIPPLES

**Activities**

- Forms originated by office control
- LOCATION AND DATE OF LOCATION
- FIELD OBSERVER
- LOCATION AND DATE OF LOCATION
- FIELD OBSERVER
- LOCATION AND DATE OF LOCATION
# Nonfloating Aids for Charts

**Reporting Unit:** Coastal Mapping Div.

**State:** Massachusetts

**Locality:** Buzzards Bay and Elizabeth Islands

**Datum:** N.A. 1927

<table>
<thead>
<tr>
<th>Charting Name</th>
<th>Description</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Office</th>
<th>Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIGHT</td>
<td>New Bedford East Barrier Light</td>
<td>41°37'</td>
<td>26°45'</td>
<td>74E(C)6985</td>
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<tr>
<td></td>
<td></td>
<td>847</td>
<td>70 54</td>
<td>Oct 18, 1974</td>
<td>74E 6985</td>
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<tr>
<td>LIGHT</td>
<td>New Bedford West Barrier Light</td>
<td>41°37'</td>
<td>26°45'</td>
<td>74E(C)6985</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>826</td>
<td>70 54</td>
<td>Oct 18, 1974</td>
<td>74E 6985</td>
</tr>
</tbody>
</table>
By photogrammetric methods.

Field Positions are determined by field observer

Photogrammetric method positions are dependent

Example: F-2-6-7

EXAMPLE: P-2-6-7

Enter: "Y" and date.

Position Verified Visually on Photograph

Example: V-7-9, 7-9, 7-2, 7-9

EXAMPLE: V-7-9, 7-9, 7-2, 7-9

Rec. with date of recovery.

Verification Station is recovered, enter "Triangulation"

When a landmark of old which is also a tri

I. Triangulation Station Recovered

_string_74L(2)/292

8-12-75

Example: P-8-7

Graph used to locate or identify the object.

date of field work and number of the photo.

string of method of location of verification

Photogrammetric method positions require

II. Photogrammetric Field Positions Recovered

Field (Cont'd)

<table>
<thead>
<tr>
<th>Reponsible Organization</th>
<th>Instructions for Entries Under Method and Date of Location</th>
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</thead>
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<tr>
<td>Office Activity Representative</td>
<td>D. P. BURKE</td>
</tr>
<tr>
<td>Office Activity Representative</td>
<td>R. S. TIBBETTS</td>
</tr>
<tr>
<td>Office Activity Representative</td>
<td>OTHER (Specify)</td>
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<tr>
<td>Geodetic Party</td>
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<tr>
<td>Hydrographic Party</td>
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<tr>
<td>Photo Field Party</td>
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</table>

<table>
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<th>Type of Action</th>
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<tr>
<td>COLLECTS INSPECTED FROM SEAMAND</td>
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<tr>
<td>COLLECTS INSPECTED AND LOCATED OBJECTS</td>
</tr>
<tr>
<td>FIELD</td>
</tr>
</tbody>
</table>
**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 Report.

<table>
<thead>
<tr>
<th>CHART</th>
<th>DATE</th>
<th>CARTOGRAPHER</th>
<th>REMARKS</th>
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<tr>
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<td>Full Part Before Verification Review Inspection Signed Via Drawing No.</td>
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