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></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>TP-01208</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Job No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CM-8300</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Map Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLASS III (FINAL)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>LOCALITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>State</td>
</tr>
<tr>
<td>MAINE U.S.A. - New Brunswick, Canada</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>General Locality</th>
</tr>
</thead>
<tbody>
<tr>
<td>PASSAMAQUODDY BAY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Locality</th>
</tr>
</thead>
<tbody>
<tr>
<td>BACK BAY</td>
</tr>
</tbody>
</table>

1983 TO 19

REGISTERED IN ARCHIVES

DATE
# DESCRIPTIVE REPORT - DATA RECORD

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

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

## I. INSTRUCTIONS DATED

<table>
<thead>
<tr>
<th>1. OFFICE</th>
<th>2. FIELD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerotriangulation</td>
<td>Control</td>
</tr>
<tr>
<td>June 5, 1984</td>
<td>August 12, 1983</td>
</tr>
<tr>
<td>Compilation</td>
<td>March 1, 1985</td>
</tr>
</tbody>
</table>

## II. DATUMS

<table>
<thead>
<tr>
<th>1. HORIZONTAL:</th>
<th>OTHER (Specify)</th>
</tr>
</thead>
<tbody>
<tr>
<td>☑ 1927 NORTH-AMERICAN</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2. VERTICAL:</th>
<th>OTHER (Specify)</th>
</tr>
</thead>
<tbody>
<tr>
<td>☑ MEAN HIGH-WATER</td>
<td></td>
</tr>
<tr>
<td>☑ MEAN LOW-WATER</td>
<td></td>
</tr>
<tr>
<td>☑ MEAN LOWER LOW-WATER</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3. MAP PROJECTION</th>
<th>4. GRID(S)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transverse Mercator Projection</td>
<td>Maine</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>5. SCALE</th>
<th>1:10,000</th>
</tr>
</thead>
</table>

## 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>B. Thornton</td>
<td>Oct. 1984</td>
</tr>
<tr>
<td>METHOD: Analytic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LANDMARKS AND AIDS BY</td>
<td>B. Thornton</td>
<td>Oct. 1984</td>
</tr>
<tr>
<td>2. CONTROL AND BRIDGE POINTS</td>
<td>B. Thornton</td>
<td>Oct. 1984</td>
</tr>
<tr>
<td>METHOD: Calcomp 718</td>
<td>D. Norman</td>
<td>Oct. 1984</td>
</tr>
<tr>
<td>PLOTTED BY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHECKED BY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. STEREOSCOPIC INSTRUMENT COMPILATION</td>
<td>R. Kravitz</td>
<td>Dec. 1984</td>
</tr>
<tr>
<td>INSTRUMENT: Wild B-8</td>
<td>W. McLemore</td>
<td>Dec. 1984</td>
</tr>
<tr>
<td>PLANIMETRY BY</td>
<td>N.A.</td>
<td></td>
</tr>
<tr>
<td>CHECKED BY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTOURS BY</td>
<td>N.A.</td>
<td></td>
</tr>
<tr>
<td>CHECKED BY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. MANUSCRIPT DELINEATION</td>
<td>R. Kravitz</td>
<td>Dec. 1984</td>
</tr>
<tr>
<td>METHOD: Smooth drafted</td>
<td>F. Mauldin</td>
<td>March 1985</td>
</tr>
<tr>
<td>PLANIMETRY BY</td>
<td>N.A.</td>
<td></td>
</tr>
<tr>
<td>CHECKED BY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTOURS BY</td>
<td>N.A.</td>
<td></td>
</tr>
<tr>
<td>CHECKED BY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HYDRO SUPPORT DATA</td>
<td>N.A.</td>
<td></td>
</tr>
<tr>
<td>CHECKED BY</td>
<td>N.A.</td>
<td></td>
</tr>
<tr>
<td>SCALE: 1:10,000</td>
<td>N.A.</td>
<td></td>
</tr>
<tr>
<td>5. OFFICE INSPECTION Prior TO FINAL REVIEW</td>
<td>F. Mauldin</td>
<td>March 1985</td>
</tr>
<tr>
<td>6. APPLICATION OF FIELD EDIT DATA</td>
<td>N.A.</td>
<td></td>
</tr>
<tr>
<td>CHECKED BY</td>
<td>N.A.</td>
<td></td>
</tr>
<tr>
<td>7. COMPILATION SECTION REVIEW</td>
<td>F. Mauldin</td>
<td>March 1985</td>
</tr>
<tr>
<td>CLASS III</td>
<td>J. Hancock</td>
<td>March 1985</td>
</tr>
<tr>
<td>8. FINAL REVIEW</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLASS III</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH</td>
<td>J. Hancock</td>
<td>April 1985</td>
</tr>
<tr>
<td>CHECKED BY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH</td>
<td>P. Daugherty</td>
<td>Dec 1985</td>
</tr>
<tr>
<td>CHECKED BY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11. MAP REGISTERED - COASTAL SURVEY SECTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHECKED BY</td>
<td>E. N. Daugherty</td>
<td>Feb 1985</td>
</tr>
</tbody>
</table>
1. COMPILATION PHOTOGRAPHY

CAMERAS: Wild RC-10(C) (f=88.47mm)
Wild RC-10(B) (f=152.74mm)

<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>83°C(C) 9293 - 9296*</td>
<td>9-23-83</td>
<td>09:36</td>
<td>1:30,000</td>
<td>3.8 feet below MHW</td>
</tr>
<tr>
<td>83°C(C) 9273 - 9277*</td>
<td>9-23-93</td>
<td>09:15</td>
<td>1:30,000</td>
<td>5.5 feet below MHW</td>
</tr>
<tr>
<td>83°C(I) 0524 - 0527**</td>
<td>10-31-93</td>
<td>12:45</td>
<td>1:30,000</td>
<td>0.5 feet above MLW</td>
</tr>
<tr>
<td>83%B(I) 6857 - 6858**</td>
<td>10-11-83</td>
<td>09:17</td>
<td>1:30,000</td>
<td>2.6 feet above MLW</td>
</tr>
<tr>
<td>83%B(I) 6767 - 6771**</td>
<td>10-10-83</td>
<td>12:53</td>
<td>1:30,000</td>
<td>0.8 feet above MHW</td>
</tr>
<tr>
<td>83%B(I) 6786 - 6792**</td>
<td>10-10-83</td>
<td>13:25</td>
<td>1:30,000</td>
<td>1.1 feet above MHW</td>
</tr>
</tbody>
</table>

Mean Tide Range = 18.2 ft.

REMARKS *Compilation/bridging photographs based on predicted tide data. **Tide coordinated MHW and MLW photographs based on actual tide data. All photographs are referenced to the tide gage at Eastport, Maine.

2. SOURCE OF MEAN HIGH-WATER LINE

The Mean High Water Line was compiled from office interpretation of the compilation/bridging color photographs using stereo instrument methods. The black-and-white infrared MHW contact photographs were used to assist in the interpretation of the mean high water line.

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

The Mean Low Water Line was compiled graphically from the black-and-white tide coordinated infrared ratio photographs.

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>
</tr>
</thead>
<tbody>
<tr>
<td>TP-01202</td>
<td>1:10,000</td>
<td>No survey</td>
<td>TP-01204</td>
<td>1:20,000</td>
<td></td>
</tr>
<tr>
<td>TP-01204</td>
<td>1:20,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

5. FINAL JUNCTIONS

<table>
<thead>
<tr>
<th>NORTH (scale</th>
<th>EAST</th>
<th>SOUTH (scale</th>
<th>WEST (scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>TP-01202</td>
<td>1:10,000</td>
<td>No survey</td>
<td>TP-01204</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>TP-01204</td>
</tr>
</tbody>
</table>

REMARKS

This 1:10,000 scale inset map lies within TP-01204, scale 1:20,000.
**NOAA FORM 76-36C**

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

**TP-01208**

**HISTORY OF FIELD OPERATIONS**

1. **[X] FIELD INSPECTION OPERATION (PREMARKING) [ ] FIELD EDIT OPERATION**

<table>
<thead>
<tr>
<th>OPERATION</th>
<th>NAME</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. CHIEF OF FIELD PARTY</td>
<td>R. Tibbetts</td>
<td>Aug. 1983</td>
</tr>
<tr>
<td>2. HORIZONTAL CONTROL</td>
<td>P. Walbolt</td>
<td>Aug. 1983</td>
</tr>
<tr>
<td>4. LANDMARKS AND AIDS TO NAVIGATION</td>
<td>N.A.</td>
<td>N.A.</td>
</tr>
<tr>
<td></td>
<td>N.A.</td>
<td>N.A.</td>
</tr>
<tr>
<td>5. GEOGRAPHIC NAMES</td>
<td>N.A.</td>
<td>N.A.</td>
</tr>
<tr>
<td>INVESTIGATION</td>
<td>COMPLETE</td>
<td>N.A.</td>
</tr>
<tr>
<td></td>
<td>SPECIFIC NAMES ONLY</td>
<td>N.A.</td>
</tr>
<tr>
<td></td>
<td>NO INVESTIGATION</td>
<td>N.A.</td>
</tr>
<tr>
<td>6. PHOTO INSPECTION</td>
<td>N.A.</td>
<td>N.A.</td>
</tr>
<tr>
<td>7. BOUNDARIES AND LIMITS</td>
<td>N.A.</td>
<td>N.A.</td>
</tr>
</tbody>
</table>

**II. SOURCE DATA**

1. **MAGNETIC CONTROL IDENTIFIED**

<table>
<thead>
<tr>
<th>PHOTO NUMBER</th>
<th>STATION NAME</th>
<th>PHOTO NUMBER</th>
<th>STATION DESIGNATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>83C(C) 9294</td>
<td>NEW BRUNSWICK DISK 2975, 1965</td>
<td>83C(C) 9294</td>
<td>MATTHEWS, 1863</td>
</tr>
<tr>
<td></td>
<td>(Both stations paneled direct)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. **PHOTO NUMBERS (Clarification of details)**

None

4. **LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED**

None

5. **GEOGRAPHIC NAMES:**

<table>
<thead>
<tr>
<th>REPORT</th>
<th>NONE</th>
</tr>
</thead>
</table>

6. **BOUNDARY AND LIMITS:**

<table>
<thead>
<tr>
<th>REPORT</th>
<th>NONE</th>
</tr>
</thead>
</table>

7. **SUPPLEMENTAL MAPS AND PLANS**

None

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

2 Forms 76-53, CSI Cards; Project data: 1 NOAA Form 76-77 and 1 NOAA Form 77-53 and 1 NOAA Form 76-52
## I. MANUSCRIPT COPIES

<table>
<thead>
<tr>
<th>COMPILATION STAGES</th>
<th>DATE COMPILATION</th>
<th>DATE MANUSCRIPT FORWARDED</th>
<th>REMARKS</th>
<th>MARINE CHARTS</th>
<th>HYDRO SUPPORT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compilation complete</td>
<td>March 1985</td>
<td></td>
<td>Class III manuscript</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

## II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

<table>
<thead>
<tr>
<th>PAGES</th>
<th>CHART NUMBER</th>
<th>DATE FORWARDED</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td></td>
<td>5/29/85</td>
<td>Landmarks and Aids</td>
</tr>
</tbody>
</table>

## III. FEDERAL RECORDS CENTER DATA

1. BRIDGING PHOTOGRAPHS; DUPLICATE BRIDGING REPORT; COMPUTER READOUTS.
2. CONTROL STATION IDENTIFICATION CARDS; NOAA FORM 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

<table>
<thead>
<tr>
<th>SECOND EDITION</th>
<th>SURVEY NUMBER</th>
<th>JOB NUMBER</th>
<th>TYPE OF SURVEY</th>
<th>MAP CLASS</th>
<th>FINAL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TP (2)</td>
<td>PH</td>
<td>REVISED</td>
<td>II. III. IV. V. FINAL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DATE OF PHOTOGRAPH</td>
<td>DATE OF FIELD EDIT</td>
<td>RESURVEY</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>THIRD EDITION</th>
<th>SURVEY NUMBER</th>
<th>JOB NUMBER</th>
<th>TYPE OF SURVEY</th>
<th>MAP CLASS</th>
<th>FINAL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TP (3)</td>
<td>PH</td>
<td>REVISED</td>
<td>II. III. IV. V. FINAL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DATE OF PHOTOGRAPH</td>
<td>DATE OF FIELD EDIT</td>
<td>RESURVEY</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FOURTH EDITION</th>
<th>SURVEY NUMBER</th>
<th>JOB NUMBER</th>
<th>TYPE OF SURVEY</th>
<th>MAP CLASS</th>
<th>FINAL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TP (4)</td>
<td>PH</td>
<td>REVISED</td>
<td>II. III. IV. V. FINAL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DATE OF PHOTOGRAPH</td>
<td>DATE OF FIELD EDIT</td>
<td>RESURVEY</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-01208

This 1:10,000 scale final Class III shoreline inset map is one of 10 maps that comprise project CM-8300, Passamaquoddy Bay and Vicinity, Maine. The project consists of seven 1:20,000 scale maps (TP-01200 thru TP-01206) and three 1:10,000 scale inset maps (TP-01207 thru TP-01209). This project includes shoreline coverage of the American and Canadian territories; however, no attempt was made to compile the international boundary line.

The purpose of this map is to provide current charting information for nautical chart maintenance and to furnish support data for the Canadian hydrographic activity scheduled this (1985) spring.

This inset map portrays a portion of the Canadian shoreline in the eastern region of Passamaquoddy Bay featuring Letete Passage and Back Bay.

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 completed October 1983.

Photo coverage for the project was provided by 1:50,000 scale and 1:30,000 scale natural color and black-and-white tide coordinated photographs. The color photographs required for aerotriangulation and instrument compilation were taken with the Wild RC-10 (C) camera in September 1983. The MHW and MLW infrared photographs required for graphic compilation and interpretation assistance were taken September/October 1983 with the Wild-RC (C) and (B) cameras. All photographs used to produce this inset map were taken at 1:30,000 scale. The photography was adequate.

After the photographs were forwarded to compilation, a general evaluation of the mapping area was performed in the field by select AMC compilation personnel June 1984. This activity was conducted in order to assist in the photo interpretation process during compilation.

Analytic aerotriangulation was adequately provided by the Washington Science Center August 1984. This operation included ruling the base manuscripts, determining ratio values for the photographs and locating visible landmarks and navigational aids.

Compilation, based upon office interpretation of the 1:30,000 scale color photographs, was performed at the Coastal Mapping Unit, Atlantic Marine Center in March 1985. Compilation included the use of MHW and MLW tide coordinated infrared photographs. Refer to the Compilation Report for specific use of this photography.
Final review for this final Class III map was performed at the Atlantic Marine Center in March 1985. A Chart Maintenance Print was prepared and forwarded to the Marine Charts Branch. A Notes to Hydrographer print and related support data were prepared to assist the Canadians in their hydrographic activity. While preparing the support data, a comparison was made with the common Canadian nautical charts in order to identify conflicts between the NOS charts and the map. Any significant conflicts were addressed on both the Charts Maintenance and Notes to Hydrographer prints.

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 (PREMARKING)

TP-01208

There was no complete field inspection prior to compilation. Field work accomplished was limited to the recovery and identification (premarking) of the horizontal control necessary for aerotriangulation, monitoring the Eastport tide gage to aid in obtaining tide coordinated infrared photography, and a cursory shoreline inspection.
PHOTOGRAHMETRIC PLOT REPORT
CM-3300
Passamaquoddy Bay, Maine
August 1984

21. Area Covered

This project covers the Passamaquoddy Bay area from Oak Bay and St. Croix River, down to the Grand Mann Channel. The area is covered by seven 1:20,000 scale sheets; TP-01200 to TP-01206, and three 1:10,000 scale sheets; TP-01207 to TP-01209.

22. Method

Six strips of 1:50,000 scale color photographs were bridged by analytical aerotriangulation methods and adjusted to ground as a block with the General Intergrated Analytical Triangulation Program (GIANT). Nine pre-marked horizontal control stations were used in the adjustment. One premarked station in conjunction with office identified intersection stations were used as check points. The block contained 63 photographs.

Compilation points were dropped to eight strips of 1:30,000 scale color photographs. This photography is for the compilation of the 1:10,000 scale sheets.

Ratio values were determined for the bridging and compilation photographs and also for the MLW and MHW infrared photographs. A copy of the values is attached to this report.

The base sheets were plotted on the Calcomp 718 plotter using the Maine state plane coordinate system, East zone. This system is based on the Transverse Mercator projection.

23. Adequacy of Control

The control was adequate. The project meets the National Standards of Map Accuracy.

One premarked station, Table Top, 1866, would not fit in the adjustment. A copy of the fit to control is attached to this report.

24. Supplemental Data

USGS quadrangles were used to provide vertical control for adjustments.
25. **Photography**

The coverage, overlap, and quality of the 1983C(C) photographs were adequate for the job.

The coverage of the 1983B(R) infrared photographs used for the MHW and MLW is insufficient for sheet TP-01209.

Submitted by:  

Brian Thornton

Approved and Forwarded:

Don O. Norman  
Chief, Aerotringulation Unit
## FIT TO CONTROL

\( \Delta = \) Control Held in Adjustment

<table>
<thead>
<tr>
<th>STATION NAMES</th>
<th>POINT NO.</th>
<th>VALUES IN FEET</th>
</tr>
</thead>
<tbody>
<tr>
<td>( \Delta ) New Brunswick Disk #2185</td>
<td>88100</td>
<td>1.0 0</td>
</tr>
<tr>
<td>( \Delta ) Box 2, 1946 - Sub Point</td>
<td>66101</td>
<td>3.0 0</td>
</tr>
<tr>
<td>( \Delta ) New Brunswick Disk #2236 - Sub Point</td>
<td>71101</td>
<td>-1.0 2.0</td>
</tr>
<tr>
<td>( \Delta ) New Brunswick Disk #2517 - Sub Point</td>
<td>74101</td>
<td>-1.0 0</td>
</tr>
<tr>
<td>( \Delta ) New Brunswick Disk #2475</td>
<td>39100</td>
<td>0 0.5</td>
</tr>
<tr>
<td>Matthews, 1863</td>
<td>38100</td>
<td>-2.0 -2.0</td>
</tr>
<tr>
<td>( \Delta ) Rob IBC, 1946 - Sub Point</td>
<td>976101</td>
<td>1.0 -0.5</td>
</tr>
<tr>
<td>( \Delta ) Hersey, 1887</td>
<td>98100</td>
<td>0 -0.6</td>
</tr>
<tr>
<td>( \Delta ) Mill CHS, 1977</td>
<td>971100</td>
<td>0 -1.0</td>
</tr>
<tr>
<td>( \Delta ) Larrabee IBC, 1913</td>
<td>969100</td>
<td>0 -0.5</td>
</tr>
<tr>
<td>Table Top, 1866</td>
<td>978100</td>
<td>26.0 12.0</td>
</tr>
<tr>
<td>Lubec Narrows</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mulholland Pt. Lt.</td>
<td>100100</td>
<td>1.0 0</td>
</tr>
<tr>
<td>Lubec Standpipe, 1910</td>
<td>100167</td>
<td>-2.6 4.3</td>
</tr>
<tr>
<td>Redoubt Hill Tank, 1946</td>
<td>972111</td>
<td>+3.0 1.0</td>
</tr>
<tr>
<td>Range Mark 7, 1919</td>
<td>972146</td>
<td>1.0 1.7</td>
</tr>
<tr>
<td>Range Mark 9, 1919</td>
<td>972144</td>
<td>1.0 2.0</td>
</tr>
<tr>
<td>Range Mark 10, 1919</td>
<td>972145</td>
<td>2.4 2.3</td>
</tr>
<tr>
<td>Range Mark 5, 1919</td>
<td>972148</td>
<td>1.3 2.0</td>
</tr>
<tr>
<td>Range Mark 6, 1919</td>
<td>972147</td>
<td>2.5 0</td>
</tr>
<tr>
<td>Perry, White Church Spire, 1913</td>
<td>973143</td>
<td>-2.5 3.0</td>
</tr>
<tr>
<td>Life Saving Station, Lookout Twr. 1919</td>
<td>102147</td>
<td>8.0 1.0</td>
</tr>
<tr>
<td>West Quoddy Head Light, 1860</td>
<td>102148</td>
<td>1.5 -4.6</td>
</tr>
<tr>
<td>Range Mark 41, 1919</td>
<td>44164</td>
<td>0 3.0</td>
</tr>
<tr>
<td>Range Mark 44, 1919</td>
<td>44153</td>
<td>2.0 4.4</td>
</tr>
<tr>
<td>Lubec Channel Lt. House, Finial 1893</td>
<td>44159</td>
<td>1.3 2.3</td>
</tr>
<tr>
<td>Lubec Church Spire, 1861</td>
<td>100156</td>
<td>1.0 2.5</td>
</tr>
<tr>
<td>Lubec Lower Church Spire, 1913</td>
<td>43147</td>
<td>1.8 1.8</td>
</tr>
<tr>
<td>Name</td>
<td>Code</td>
<td>Altitude</td>
</tr>
<tr>
<td>-----------------------------------------</td>
<td>-------</td>
<td>----------</td>
</tr>
<tr>
<td>Range Mark 39, Gunner 1919</td>
<td>44160</td>
<td>2.0</td>
</tr>
<tr>
<td>Range Mark 40, 1919</td>
<td>44150</td>
<td>-6.0</td>
</tr>
<tr>
<td>Range Mark 45, 1919</td>
<td>44161</td>
<td>0</td>
</tr>
<tr>
<td>Range Mark 46, 1919</td>
<td>44149</td>
<td>3.0</td>
</tr>
<tr>
<td>Lubec Narrows Lt.</td>
<td>44144</td>
<td>1.3</td>
</tr>
<tr>
<td>Mulholland Pt. Lt. 1910</td>
<td>44143</td>
<td>1.0</td>
</tr>
<tr>
<td>Range Mark 25, 1919</td>
<td>44145</td>
<td>-1.0</td>
</tr>
<tr>
<td>Range Mark 33, 1919</td>
<td>44147</td>
<td>4.7</td>
</tr>
<tr>
<td>Range Mark 35, 1919</td>
<td>44146</td>
<td>-1.0</td>
</tr>
<tr>
<td>Range Mark 24, 1919</td>
<td>44141</td>
<td>-1.4</td>
</tr>
<tr>
<td>Range Mark 21, 1919</td>
<td>43145</td>
<td>0</td>
</tr>
<tr>
<td>Range Mark 22, 1919</td>
<td>43144</td>
<td>0</td>
</tr>
<tr>
<td>Range Mark 31, 1919</td>
<td>43146</td>
<td>-1.5</td>
</tr>
<tr>
<td>Range Mark 20, 1919</td>
<td>971142</td>
<td>1.4</td>
</tr>
<tr>
<td>Range Mark 30, 1919</td>
<td>971145</td>
<td>1.0</td>
</tr>
<tr>
<td>Eastport Standpipe, 1910</td>
<td>971143</td>
<td>2.9</td>
</tr>
<tr>
<td>Range Mark 8, 1919</td>
<td>972141</td>
<td>0</td>
</tr>
<tr>
<td>Dog Island Light, 1946</td>
<td>972151</td>
<td>-2.0</td>
</tr>
<tr>
<td>Range Mark 13, 1919</td>
<td>972142</td>
<td>4.0</td>
</tr>
<tr>
<td>Range Mark 14, 1919</td>
<td>972143</td>
<td>1.0</td>
</tr>
<tr>
<td>Marks Pt. Lighthouse, Finial, 1909</td>
<td>67152</td>
<td>5.7</td>
</tr>
<tr>
<td>Range Mark 1, 1919</td>
<td>976141</td>
<td>2.5</td>
</tr>
<tr>
<td>Minister Island, Tower, 1918</td>
<td>976143</td>
<td>0</td>
</tr>
<tr>
<td>Range Mark 3, 1919</td>
<td>973141</td>
<td>3.5</td>
</tr>
<tr>
<td>Leonardville Harbor Lt. House, 1918</td>
<td>41151</td>
<td>-1.6</td>
</tr>
<tr>
<td>Range Mark 12, 1919</td>
<td>43142</td>
<td>0</td>
</tr>
<tr>
<td>Range Mark 15, 1919</td>
<td>43141</td>
<td>1.0</td>
</tr>
<tr>
<td>Range Mark 16, 1919</td>
<td>43143</td>
<td>1.5</td>
</tr>
<tr>
<td>Range Mark 47, 1919</td>
<td>44163</td>
<td>-4.1</td>
</tr>
<tr>
<td>Range Mark 48, 1919</td>
<td>44162</td>
<td>-3.6</td>
</tr>
<tr>
<td>Mascabin Point Lighthouse, 1919</td>
<td>39151</td>
<td>-2.0</td>
</tr>
<tr>
<td>Range Mark 11, 1919</td>
<td>42141</td>
<td>-8.3</td>
</tr>
</tbody>
</table>
Ratio Values
MLW

83C(R) 0494-0499  Ratio 2.487
0503-0506  Ratio 2.496
9529-9534  Ratio 2.490
9537-9543  Ratio 2.489
9545-9549  Ratio 2.490
9556-9562  Ratio 2.490
9567-9570  Ratio 2.492
9580-9581  Ratio 2.494
9585-9587  Ratio 2.494

83B(R) 6842-6845  Ratio 1.482
6848-6850  Ratio 1.489
6855-6858  Ratio 1.491

83C(R) 0524-0528  Ratio 3.006
<table>
<thead>
<tr>
<th>Ratio Values</th>
<th>MHW</th>
</tr>
</thead>
<tbody>
<tr>
<td>83C(R) 9592-9597</td>
<td>Ratio 2.500</td>
</tr>
<tr>
<td>9630-9633</td>
<td>Ratio 2.507</td>
</tr>
<tr>
<td>9604-9609</td>
<td>Ratio 2.507</td>
</tr>
<tr>
<td>9612-9618</td>
<td>Ratio 2.517</td>
</tr>
<tr>
<td>9623-9626</td>
<td>Ratio 2.510</td>
</tr>
<tr>
<td>83B(R) 6820-6825</td>
<td>Ratio 2.494</td>
</tr>
<tr>
<td>6803-6806</td>
<td>Ratio 2.490</td>
</tr>
<tr>
<td>6812-6816</td>
<td>Ratio 2.497</td>
</tr>
<tr>
<td>83B(R) 6773-6776</td>
<td>Ratio 1.496</td>
</tr>
<tr>
<td>6781-6784</td>
<td>Ratio 1.495</td>
</tr>
<tr>
<td>83B(R) 6756-6759</td>
<td>Ratio 2.996</td>
</tr>
<tr>
<td>6761-6763</td>
<td>Ratio 2.989</td>
</tr>
<tr>
<td>6768-6770</td>
<td>Ratio 3.006</td>
</tr>
<tr>
<td>6788-6790</td>
<td>Ratio 2.996</td>
</tr>
</tbody>
</table>
### Ratio Values

**Bridging Strips**

<table>
<thead>
<tr>
<th>Ratio Values</th>
<th>83C(C) 8969-8980</th>
<th>Ratio 2.542</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8988-9002</td>
<td>Ratio 2.537</td>
</tr>
<tr>
<td></td>
<td>9048-9059</td>
<td>Ratio 2.523</td>
</tr>
<tr>
<td></td>
<td>9004-9009</td>
<td>Ratio 2.538</td>
</tr>
<tr>
<td></td>
<td>9066-9074</td>
<td>Ratio 2.541</td>
</tr>
<tr>
<td></td>
<td>9037-9045</td>
<td>Ratio 2.530</td>
</tr>
</tbody>
</table>

### Compilation Photography

<table>
<thead>
<tr>
<th>Compilation Photography</th>
<th>83C(C) 9264-9266</th>
<th>Ratio 3.030</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>9272-9278</td>
<td>Ratio 3.059</td>
</tr>
<tr>
<td></td>
<td>9292-9296</td>
<td>Ratio 3.046</td>
</tr>
<tr>
<td></td>
<td>9454-9457</td>
<td>Ratio 3.060</td>
</tr>
<tr>
<td></td>
<td>9089-9093</td>
<td>Ratio 3.050</td>
</tr>
<tr>
<td></td>
<td>9096-9100</td>
<td>Ratio 3.048</td>
</tr>
<tr>
<td></td>
<td>9112-9116</td>
<td>Ratio 3.021</td>
</tr>
<tr>
<td></td>
<td>9125-9129</td>
<td>Ratio 3.050</td>
</tr>
</tbody>
</table>
AEROTRIANGULATION SKETCH
PASSAMAQUODOY BAY
MAINE
CM - 8300
1:50000 BRIDGING PHOTOGRAPHS
83C (C)
AEROTRIANGULATION SKETCH
PASSAMAQUEODY BAY
MAINE
CM-9300
1:30000 COMPILATION PHOTOGRAPHS
83C(c)
AEROTRIANGULATION SKETCH
PASSAMAQUODDY BAY
MAINE
CM-9300
1:50,000 B. & W. INFRARED
MHW • 83C(R) • 83B(R)

[Map of the area with various labeled points and coordinates]
AEROTRIANGULATION SKETCH
PASSAMAGUODDY BAY
MAINE
CM - 8300
1:30000 BLACK AND WHITE INFRARED PHOTOGRAPHS
MHW 83B (R)
Aerotriangulation Sketch
Passamaquoddy Bay
Maine
CM - 8300
1:30000 Black and White Infrared Photographs
MLW • 83B(R) • 83C(R)
<table>
<thead>
<tr>
<th>STATION NAME</th>
<th>SOURCE OF INFORMATION (Index)</th>
<th>AEROTRIANGULATION POINT NUMBER</th>
<th>COORDINATES IN FEET</th>
<th>GEODETIC DATUM</th>
<th>ORIGINATING ACTIVITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW BRUNSWICK DISK 82475, 1965</td>
<td>Proj.Control Record Bk.</td>
<td>39100</td>
<td>x=</td>
<td>N.A. 1927</td>
<td>Coastal Mapping Unit, Atlantic Marine Center, Norfolk, VA</td>
</tr>
<tr>
<td>MATTHEWS, 1863</td>
<td>IBC Pg.398</td>
<td>38100</td>
<td>x=</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WHITE HOUSE WITH WHITE ROOF, CHIMNEY, 1863</td>
<td>IBC Pg.400</td>
<td>38142</td>
<td>x=</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BLISS ISLAND LIGHTHOUSE, 1918</td>
<td>IBC Pg. 401A</td>
<td>39152</td>
<td>x=</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MASCABIN POINT LIGHTHOUSE, 1918</td>
<td>Nat. Geo. Data Bk. Pg. 4</td>
<td>39151</td>
<td>x=</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COORDINATES IN FEET</th>
<th>GEOGRAPHIC POSITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>x=</td>
<td>ϕ 45°03'04.056&quot;</td>
</tr>
<tr>
<td>y=</td>
<td>λ 66°53'42.488&quot;</td>
</tr>
<tr>
<td>x=</td>
<td>ϕ 45°03'44.702&quot;</td>
</tr>
<tr>
<td>y=</td>
<td>λ 66°54'39.733&quot;</td>
</tr>
<tr>
<td>x=</td>
<td>ϕ 45°04'38.455&quot;</td>
</tr>
<tr>
<td>y=</td>
<td>λ 66°54'47.921&quot;</td>
</tr>
<tr>
<td>x=</td>
<td>ϕ 45°01'06.05&quot;</td>
</tr>
<tr>
<td>y=</td>
<td>λ 66°51'03.16&quot;</td>
</tr>
<tr>
<td>x=</td>
<td>ϕ 45°02'19.319&quot;</td>
</tr>
<tr>
<td>y=</td>
<td>λ 66°53'32.693&quot;</td>
</tr>
</tbody>
</table>

COMPUTED BY | DATE | COMPUTATION CHECKED BY | DATE | LISTED BY | DATE | LISTING CHECKED BY | DATE |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert Kravitz</td>
<td>11/19/84</td>
<td>P. Mauldin</td>
<td>2/1/85</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
COMPILATION REPORT

TP-01208

31 - DELINEATION

Delineation was accomplished using stereo instrument and graphic compilation methods. Instrument compilation was used to delineate shoreline, alongshore and interior detail based upon office interpretation of the 1:30,000 compilation color photographs. Tide coordinated MHW infrared photographs were used to assist in interpretation of the shoreline delineation. Tide coordinated MLW infrared ratio photographs were used to graphically compile the approximate mean low water line. Control for graphic delineation was provided by the instrument compilation of coastal detail and common image points.

All photographs used to compile the map are listed on form 76-36B. The photography was adequate.

A partial shoreline inspection was performed prior to compilation. Resulting information was used as an aid to office interpretation of the compilation photography.

32 - CONTROL

The horizontal control was adequate. Refer to the Photogrammetric Plot Report dated August 1984.

33 - SUPPLEMENTAL DATA


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 compilation color photographs. The tide coordinated infrared contact photographs were used to assist in interpretation. No MHW infrared ratio photographs were provided.

36 - OFFSHORE DETAILS

Offshore details were compiled by instrument methods as described in Item #31. Both the 1:30,000 scale MHW and MLW infrared photographs were used to assist in interpretation.
37 - LANDMARKS AND AIDS

There are 3 charted landmarks and 13 charted navigational aids within the mapping limits of this manuscript. Among these, 1 landmark and 6 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 of the Descriptive Report.

40 - HORIZONTAL AND VERTICAL ACCURACY

See item #32.

46 - COMPARISON WITH EXISTING MAPS

A comparison was made with the following U.S. and Canadian quadrangles: Fredericton, N.B., Can.-Maine, U.S., dated 1957, scale 1:250,000; and St. George 21G/2, 3rd edition, scale 1:50,000, dated 1980.

47 - COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following NOS Chart: 13328, 20th edition, dated September 15, 1984, scale 1:40,000.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.
Submitted by,

Robert R. Kravitz
Cartographic Technician
December 1984

Approved,

James L. Byrd, Jr.
Chief, Coastal Mapping Unit
<table>
<thead>
<tr>
<th>Geographic Names</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Adam Island</td>
<td>Jameson Island</td>
</tr>
<tr>
<td>Back Bay</td>
<td>Kellys Cove</td>
</tr>
<tr>
<td>Back Bay (Pl)</td>
<td>Letete</td>
</tr>
<tr>
<td>Back Bay Harbour</td>
<td>Letete Harbour</td>
</tr>
<tr>
<td>Bar Island</td>
<td>Letete Passage</td>
</tr>
<tr>
<td>Barnes Island</td>
<td>Lighthouse Cove</td>
</tr>
<tr>
<td>Bay of Fundy</td>
<td>Little Letete Passage</td>
</tr>
<tr>
<td>Beans Island</td>
<td>McGraws Island</td>
</tr>
<tr>
<td>Birch Cove</td>
<td>Mackerel Rock</td>
</tr>
<tr>
<td>Bliss Harbour</td>
<td>McMaster Island</td>
</tr>
<tr>
<td>Bliss Island</td>
<td>MacNichols Cove</td>
</tr>
<tr>
<td>Bliss Island Point</td>
<td>Macs Head</td>
</tr>
<tr>
<td>Boat Rock</td>
<td>Man of War Island</td>
</tr>
<tr>
<td>Bobby Cooks Point</td>
<td>Matthews Cove</td>
</tr>
<tr>
<td>Browns Cove</td>
<td>Mill Cove</td>
</tr>
<tr>
<td>Catherine Cove</td>
<td>Mink Island</td>
</tr>
<tr>
<td>Chattys Point</td>
<td>Mohawk Island</td>
</tr>
<tr>
<td>Cooks Island</td>
<td>Morans Island</td>
</tr>
<tr>
<td>Crow Island (1)</td>
<td>Morgan Ledge</td>
</tr>
<tr>
<td>Crow Island (2)</td>
<td>Mowat Island</td>
</tr>
<tr>
<td>Douglas Island</td>
<td>Nub Island</td>
</tr>
<tr>
<td>Eagle Island</td>
<td>Parker Island</td>
</tr>
<tr>
<td>Fisherman Cove</td>
<td>Parker Ledge</td>
</tr>
<tr>
<td>Fish Harbour</td>
<td>Partridge Island</td>
</tr>
<tr>
<td>Fish Island</td>
<td>Passamaquoddy Bay</td>
</tr>
<tr>
<td>Flea Island</td>
<td>Pintlowes Cove</td>
</tr>
<tr>
<td>Fox Island</td>
<td>Pomeroy Ledge</td>
</tr>
<tr>
<td>Frye Island</td>
<td>Ship Harbour</td>
</tr>
<tr>
<td>Grass Point</td>
<td>Ship Harbour Head</td>
</tr>
<tr>
<td>Greens Cove</td>
<td>Simpsons Island</td>
</tr>
<tr>
<td>Greens Point</td>
<td>Splitting Knife Ledge</td>
</tr>
<tr>
<td>Haddock Ledge</td>
<td>Spragues Cove</td>
</tr>
<tr>
<td>Hardwood Island</td>
<td>Spruce Island</td>
</tr>
<tr>
<td>Hinds Bay</td>
<td>The Narrows</td>
</tr>
<tr>
<td>Hog Island</td>
<td>Thumb Island</td>
</tr>
<tr>
<td>Holmes Creek</td>
<td>Tucker's Point</td>
</tr>
<tr>
<td>Howards Island</td>
<td>White Head Island</td>
</tr>
<tr>
<td>Hoyt Island</td>
<td>Yellow Rock</td>
</tr>
<tr>
<td>Hoyt Nub</td>
<td></td>
</tr>
</tbody>
</table>

Approved by:

Charles E. Harrington  
Chief Geographer  
Nautical Charting Division
REVIEW REPORT TP-01208
SHORELINE

61. GENERAL STATEMENT

Final review for this final Class III map was accomplished at the Atlantic Marine Center in March 1985. For a schedule of the office and field operations, refer to the Summary included in this Descriptive 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. Geological Survey and Canadian Quadrangles: Fredericton, N.B., Can., Maine, U.S., dated 1957, 1:250,000 scale; and St. George, N.B. 21G/2, 3rd edition, dated 1980, 1:50,000 scale.


64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Prior to final review, no contemporary hydrographic survey was accomplished in the area common to this map.

Hydrographic survey data was prepared and submitted for the anticipated Canadian hydrographic operations.

65. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the NOS Chart 13328, 20th edition, dated September 15, 1984, scale 1:40,000.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

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

Submitted by,

Jerry L. Hancock
Final Reviewer
TP-01208

Approved for forwarding,

Billy H. Barnes
Chief, Photogrammetric Section, AMC

Approved,

Jeff Blume
Chief, Photogrammetric Section, Rockville

Approved,

Ronald K. Brewer
Chief, Photogrammetry Branch, Rockville
**REPORTING UNIT:** Coastal Mapping Unit, AMC, Norfolk, VA.

**STATE:** Maine

**LOCALITY:** Passamaquoddy Bay

**DATE:** Dec. 1984

*The following objects **HAVE** been inspected from seaward to determine their value as landmarks.*

<table>
<thead>
<tr>
<th>GPR PROJECT NO.</th>
<th>JOB NUMBER</th>
<th>SURVEY NUMBER</th>
<th>DATUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>CM-8300</td>
<td>TP-01208</td>
<td></td>
<td>N.A. 1927</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CHARTING NAME</th>
<th>DESCRIPTION</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
<th>METHOD AND DATE OF LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>WT</td>
<td>Back Bay area Not shown on U.S. Chart</td>
<td>45° 19.05' 66&quot; 57.09'</td>
<td>83° 09' 09&quot; 37' 33&quot;</td>
<td>4331** 4313**</td>
</tr>
<tr>
<td></td>
<td></td>
<td>03° 51&quot;</td>
<td>D.M. Meters</td>
<td>D.P. Meters</td>
</tr>
<tr>
<td></td>
<td></td>
<td>D.M. Meters</td>
<td>D.P. Meters</td>
<td><strong>CANADIAN CHARTS</strong></td>
</tr>
<tr>
<td>***</td>
<td>There are 4 cylinder type tanks in a row: cannot identify which one is plotted on Canadian charts. The first and last were dropped by instrument methods. Not shown on U.S. Chart</td>
<td>45° 24.46' 66&quot; 09.60'</td>
<td>83° 09' 09&quot; 37' 33&quot;</td>
<td>4331** 4313**</td>
</tr>
<tr>
<td>TANK</td>
<td>NW of four</td>
<td>03° 52&quot;</td>
<td>D.M. Meters</td>
<td>D.P. Meters</td>
</tr>
<tr>
<td></td>
<td></td>
<td>D.M. Meters</td>
<td>D.P. Meters</td>
<td><strong>CANADIAN CHARTS</strong></td>
</tr>
<tr>
<td>***</td>
<td>SE of four</td>
<td>45° 24.23' 66&quot; 09.05'</td>
<td>83° 09' 09&quot; 37' 33&quot;</td>
<td>4331** 4313**</td>
</tr>
<tr>
<td>TANK</td>
<td></td>
<td>03° 52&quot;</td>
<td>D.M. Meters</td>
<td>D.P. Meters</td>
</tr>
</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)

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

**PHOTOMGRAMMETRIC 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.
<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>Bliss Islands Light (Bliss Island Lighthouse, 1918)</td>
<td>45 01</td>
<td>06.05 66 03.16</td>
<td>83 C(C) 9275 09-23-83</td>
<td>13328 4311** 4331**</td>
</tr>
<tr>
<td>LIGHT*</td>
<td>North end of Jameson I</td>
<td>45 02</td>
<td>07.779 66 35.503</td>
<td>83 C(C) 9295 09-23-83</td>
<td>13328 4311** 4331**</td>
</tr>
<tr>
<td>LIGHT*</td>
<td>Morgan Ledge Light</td>
<td>45 02</td>
<td>13.621 66 38.393</td>
<td>83 C(C) 9295 09-23-83</td>
<td>13328 4311** 4331**</td>
</tr>
<tr>
<td>LIGHT</td>
<td>Letite Passage Light (Mascabin Point Lighthouse, 1918)</td>
<td>45 02</td>
<td>19.319 66 32.693</td>
<td>&quot; &quot;</td>
<td>13328 4311** 4331**</td>
</tr>
<tr>
<td>LIGHT</td>
<td>Letite Light</td>
<td>45 03</td>
<td>04.41 66 47.67</td>
<td>83 C(C) 9294 09-23-83</td>
<td>13328 4311** 4331**</td>
</tr>
<tr>
<td>LIGHT</td>
<td>Letite Harbour Light</td>
<td>45 03</td>
<td>06.28 66 49.87</td>
<td>83 C(C) 9394 09-23-83</td>
<td>13328 4311** 4331**</td>
</tr>
</tbody>
</table>

*Positioned by Aerotriangulation
<table>
<thead>
<tr>
<th>TYPE OF ACTION</th>
<th>NAME</th>
<th>ORIGINATOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>OBJECTS INSPECTED FROM SEAWARD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>POSITION DETERMINED AND/OR VERIFIED</td>
<td>Robert Kravitz</td>
<td></td>
</tr>
<tr>
<td>FORMS ORIGINATED BY QUALITY CONTROL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AND REVIEW GROUP AND FINAL REVIEW</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACTIVITIES</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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:** 75E(C)6042
8-12-75

**FIELD (Cont'd)**

I. NEW POSITION DETERMINED OR VERIFIED

Enter the applicable data by symbols as follows:

- **F** - Field
- **L** - Located
- **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.

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

**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 Revi

<table>
<thead>
<tr>
<th>CHART</th>
<th>DATE</th>
<th>CARTOGRAPHER</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>13398</td>
<td>10/1/91</td>
<td>Joseph Robinson</td>
<td>Full Part Before After Verification Review Inspection Signed Via Drawing No. New Chart 13398</td>
</tr>
<tr>
<td>13394</td>
<td>9/90</td>
<td>D. Cordts</td>
<td>Full Part Before After Verification Review Inspection Signed Via Drawing No. New Chart 13394</td>
</tr>
</tbody>
</table>

Full Part Before After Verification Review Inspection Signed Via Drawing No.

Full Part Before After Verification Review Inspection Signed Via Drawing No.

Full Part Before After Verification Review Inspection Signed Via Drawing No.

Full Part Before After Verification Review Inspection Signed Via Drawing No.

Full Part Before After Verification Review Inspection Signed Via Drawing No.

Full Part Before After Verification Review Inspection Signed Via Drawing No.