

NOAA FORM 76-35
(6-80)

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

DESCRIPTIVE REPORT

Map No.

TP-00774

Edition No.

1

Job No.

CM-7407

Map Classification

FINAL, FIELD EDITED MAP

Type of Survey

SHORELINE

LOCALITY

State

MASSACHUSETTS

General Locality

BUZZARDS BAY

Locality

ROBINSONS HOLE

1974 TO 19 77

REGISTERED IN ARCHIVES

DATE

NOAA FORM 76-36A (3-72) U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	SURVEY TP. <u>00774</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>FINAL</u> JOB <u>CM-7407</u>
DESCRIPTIVE REPORT - DATA RECORD	LAST PRECEDING MAP EDITION	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Unit, Atlantic Marine Center, Norfolk, VA	TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	JOB PH- _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__
OFFICER-IN-CHARGE Jeffrey G. Carlen, CDR		

I. INSTRUCTIONS DATED			
1. OFFICE	2. FIELD		
Aerotriangulation March 20, 1975 Compilation April 17, 1975 Memo November 12, 1975 Amendment PH-6311 November 14, 1975 Supplement I December 04, 1975 Supplement II July 19, 1976	Horizontal Control January 30, 1974 (Premarking) Amendment I March 8, 1974		

II. DATUMS									
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN	OTHER (Specify)								
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input checked="" type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL	OTHER (Specify)								
3. MAP PROJECTION Lambert Conformal	4. GRID(S) <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">STATE</th> <th style="width:50%;">ZONE</th> </tr> <tr> <td>Massachusetts</td> <td>Mainland</td> </tr> <tr> <th>STATE</th> <th>ZONE</th> </tr> <tr> <td> </td> <td> </td> </tr> </table>	STATE	ZONE	Massachusetts	Mainland	STATE	ZONE		
STATE	ZONE								
Massachusetts	Mainland								
STATE	ZONE								
5. SCALE 1:10,000	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">STATE</th> <th style="width:50%;">ZONE</th> </tr> <tr> <td> </td> <td> </td> </tr> </table>	STATE	ZONE						
STATE	ZONE								

III. HISTORY OF OFFICE OPERATIONS		
OPERATIONS	NAME	DATE
1. AEROTRIANGULATION BY METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY	<u>M. McGinley</u>	<u>April 1975</u>
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: <u>Calcomp</u> CHECKED BY	<u>R. Robertson</u> <u>R. Robertson</u>	<u>April 1975</u> <u>April 1975</u>
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: <u>Wild B-8</u> CONTOURS BY SCALE: <u>1:10,000</u> CHECKED BY	<u>L. Neterer, Jr.</u> <u>A. Rauck, Jr.</u> <u>N.A.</u> <u>N.A.</u>	<u>Dec. 1975</u> <u>Dec. 1975</u>
4. MANUSCRIPT DELINEATION PLANIMETRY BY METHOD: <u>Smooth drafted</u> CHECKED BY SCALE: <u>1:10,000</u> CONTOURS BY CHECKED BY HYDRO SUPPORT DATA BY CHECKED BY	<u>J. Roderick</u> <u>A. Shands</u> <u>N.A.</u> <u>N.A.</u> <u>J. Roderick</u> <u>A. Shands</u>	<u>Dec. 1975</u> <u>Dec. 1975</u> <u>Dec. 1975</u> <u>Dec. 1975</u>
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY	<u>A. Shands</u>	<u>Dec. 1975</u>
6. APPLICATION OF FIELD EDIT DATA BY CHECKED BY	<u>F. Mauldin</u> <u>F. Margiotta</u>	<u>March 1978</u> <u>March 1978</u>
7. COMPILATION SECTION REVIEW BY	<u>F. Margiotta</u>	<u>March 1978</u>
8. FINAL REVIEW BY	<u>J. Hancock</u>	<u>Oct. 1984</u>
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY	<u>J. Hancock</u>	<u>Feb. 1985</u>
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY	<u>J. Schad</u>	<u>March 1985</u>
11. MAP REGISTERED - COASTAL SURVEY SECTION BY	<u>R. Kowspan</u>	<u>April 1985</u>

TP-00774
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) E=152.71mm, C=88.47mm, Z=153.14mm Wild RC-8"E", RC-10"C", RC-10"Z"		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE Eastern	
<input type="checkbox"/> PREDICTED TIDES <input checked="" type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE		DATE	TIME	SCALE	STAGE OF TIDE
74 E(C) 4734 - 4736 ✓		Apr. 18, 1977	10:50	1:30,000	0.3 ft. above MLW*
74 Z(I) 9529 - 9531 ✓		Apr. 20, 1974	11:08	1:30,000	0.2 ft. below MLW**

REMARKS *Compilation/bridging photographs.
**Tide coordinated photography at M.L.W.

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 compiled graphically from the tide coordinated MLW infrared photographs.

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
H-9668	June 1980	unregistered smooth sheet			

5. FINAL JUNCTIONS			
NORTH	EAST	SOUTH	WEST
No survey	TP-00773	No survey	TP-00775

REMARKS

TP-00774

HISTORY OF FIELD OPERATIONS

1. FIELD INSPECTION OPERATION (PREMARKING) FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. Tibbetts	April 1974
2. HORIZONTAL CONTROL	RECOVERED BY R. Tibbetts ESTABLISHED BY None PRE-MARKED OR IDENTIFIED BY U. Davis	April 1974
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 <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> 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
Paneled

2. VERTICAL CONTROL IDENTIFIED
None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
74 E(C)4736	LAMB, 1948 (Paneled direct)		

3. PHOTO NUMBERS (Clarification of details)
None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED
None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

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 Form 152 (CSI Card)

HISTORY OF FIELD OPERATIONS

I. FIELD INSPECTION OPERATION FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. Tibbetts	Sept. 1977
2. HORIZONTAL CONTROL RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	H. Hart None None	Sept. 1977
3. VERTICAL CONTROL RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	None None H. Hart	Sept. 1977
4. LANDMARKS AND AIDS TO NAVIGATION RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY	None H. Hart	Sept. 1977
5. GEOGRAPHIC NAMES INVESTIGATION TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION		
6. PHOTO INSPECTION CLARIFICATION OF DETAILS BY	H. Hart	Aug. 1977
7. BOUNDARIES AND LIMITS SURVEYED OR IDENTIFIED BY	N.A.	

II. SOURCE DATA

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

3. PHOTO NUMBERS (Clarification of details)
74 E(C) 4733 - 4737 (Black/white ratios)

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
74 Z(I)9529	TARPAULIN CORE LIGHTHOUSE, 1904		

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)
Field edit paper print, field edit report, Form 76-40 (1)

I. MANUSCRIPT COPIES				
COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete, pending field edit	December 1975	Class III manuscript SUPERSEDED	July 1976	April 1976
Field edit applied, compilation complete	March 1978	Class I manuscript SUPERSEDED	April 1978	Jan. 1980
Final Review	October 1984	Final Map	<i>March 1985</i>	<i>March 1985</i>

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

PAGES EXPOSED	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		May 22, 1980	Aid for charting.

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. ~~56~~ 76-40 SUBMITTED BY FIELD PARTIES.
 3. SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS:
 4. DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

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

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

Official Mileage for Cost Accounts

Sheet No.	Sq. Miles
TP-00695	2
TP-00761	1
TP-00762	2
TP-00763	1
TP-00764	3
TP-00765	6
TP-00766	9
TP-00767	3
TP-00768	5
TP-00769	5
TP-00770	4
TP-00771	5
TP-00772	2
TP-00773	5
TP-00774	5
TP-00775	4
TP-00776	1

TOTAL 63

HILL
HILL
HILL

TP-00695
41°39'00"
41°37'00"

TP-00767
41°39'00"
41°37'00"

TP-00769
41°34'30"

TP-00771
41°29'00"

TP-00776
41°29'00"

TP-00775
41°25'00"

TP-00777
41°25'00"

TP-00778
41°24'00"

TP-00779
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TP-00763
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41°55'00"
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41°52'30"

TP-00764
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TP-00762
41°50'00"

TP-00765
41°45'00"

TP-00766
41°45'00"

TP-00768
41°40'00"

TP-00769
41°34'30"

TP-00770
41°35'00"

TP-00774
41°30'00"

TP-00772
41°30'00"

TP-00773
41°28'00"

TP-00775
41°25'00"

TP-00776
41°25'00"

TP-00777
41°25'00"

SOUND
Revised 5-27-75 7-13-76 RW

JOB CM-7407
BUZZARDS BAY and ELIZABETH ISLANDS
MASSACHUSETTS
SHORELINE MAPPING
Scale 1:10000 @ 1:5000

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SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00774

This 1:10,000 scale final shoreline 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 map portrays the shoreline of Pasque Island, the western half of Naushon Island, and the narrow passageway between the islands known as Robinsons Hole.

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. The 1:15,000 scale photographs were taken with the RC-10 "Z" camera and were used to bridge and compile inset map TP-00695. 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 map included the 1:30,000 scale compilation photos and the 1:30,000 MLW infrared photos, both taken April 1974.

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 1:30,000 scale color photographs was performed at the Coastal Mapping Section, Atlantic Marine Center in December 1975. The MLW tide coordinated infrared photographs were ratioed to map scale and were used to graphically delineate the MLW line. Copies of the Class III manuscript and applicable source data were forwarded to the field for edit.

A Class III map print was forwarded to the hydrographer in support of contemporary hydrographic operations. Two hydrographic surveys common to this map are H-9646 and H-9668. Although both surveys were physically accomplished, only H-9668 was processed. A comparison with H-9668 did not reveal any significant shoreline discrepancies.

TP-00774

Field edit was conducted in September 1977 by a photogrammetric field party. Application of this data was accomplished at the original compilation office March 1978 and the manuscript was advanced to Class I. Copies of the Class I manuscripts were forwarded to the Hydrographic Surveys Branch and the Marine Charts Branch.

Final review was performed at the Atlantic Marine Center in October 1984. 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 field edited 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-00774

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

PHOTOGRAMMETRIC PLOT REPORT
JOB CM-7407
Buzzards Bay, Massachusetts
April 1975

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 adjustments 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.

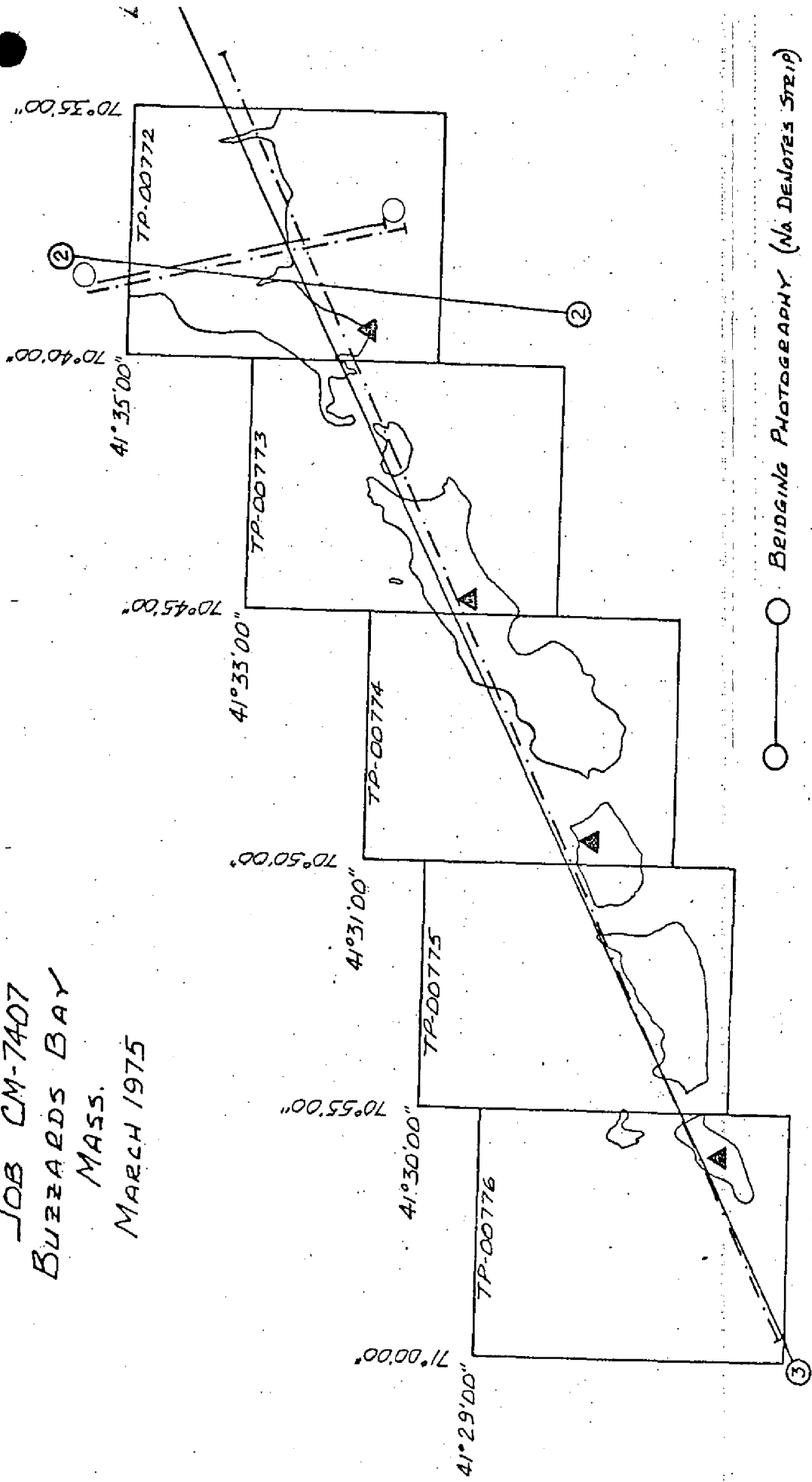
Submitted by:

Michael L. McGinley
Michael L. McGinley

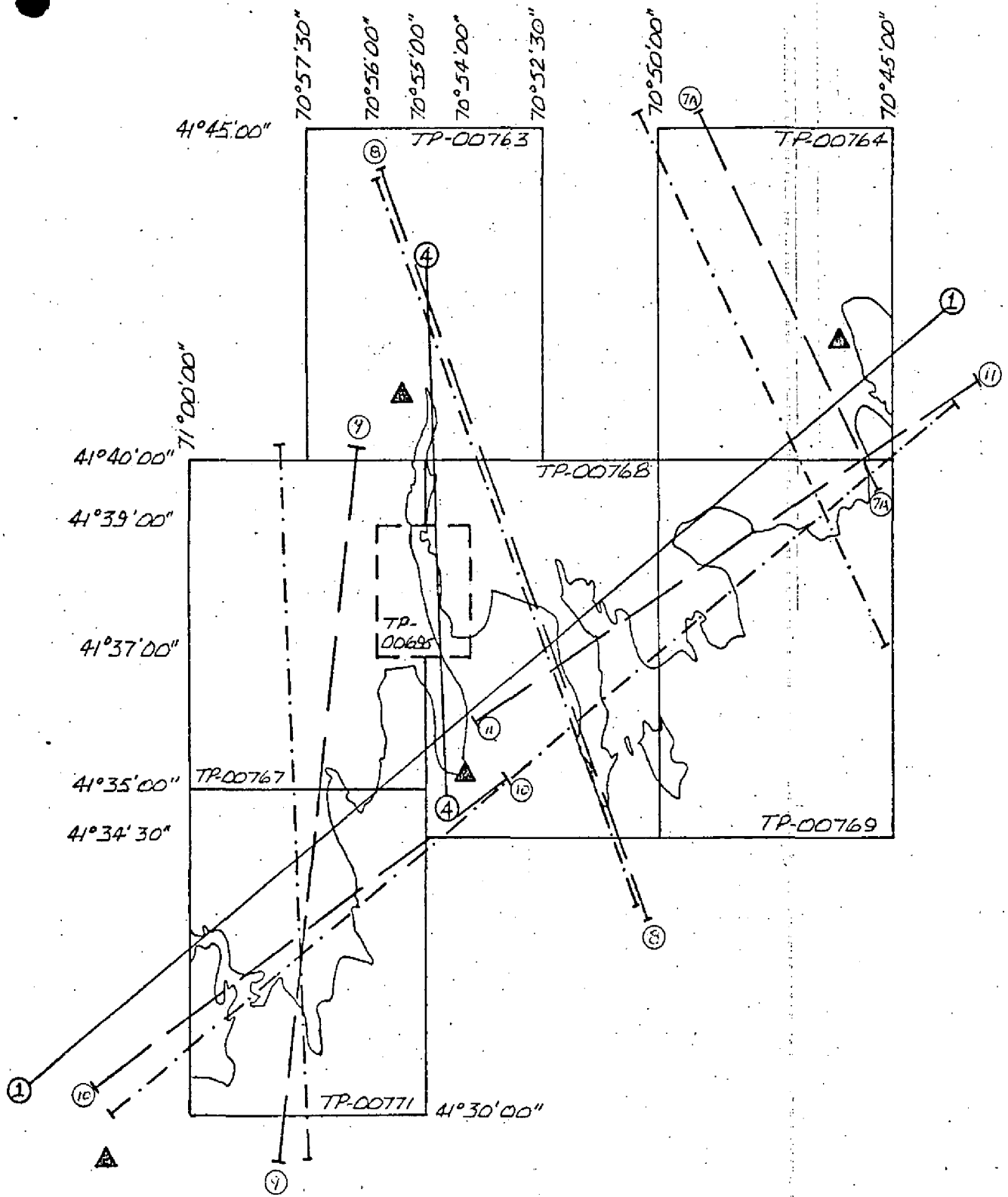
Approved by:

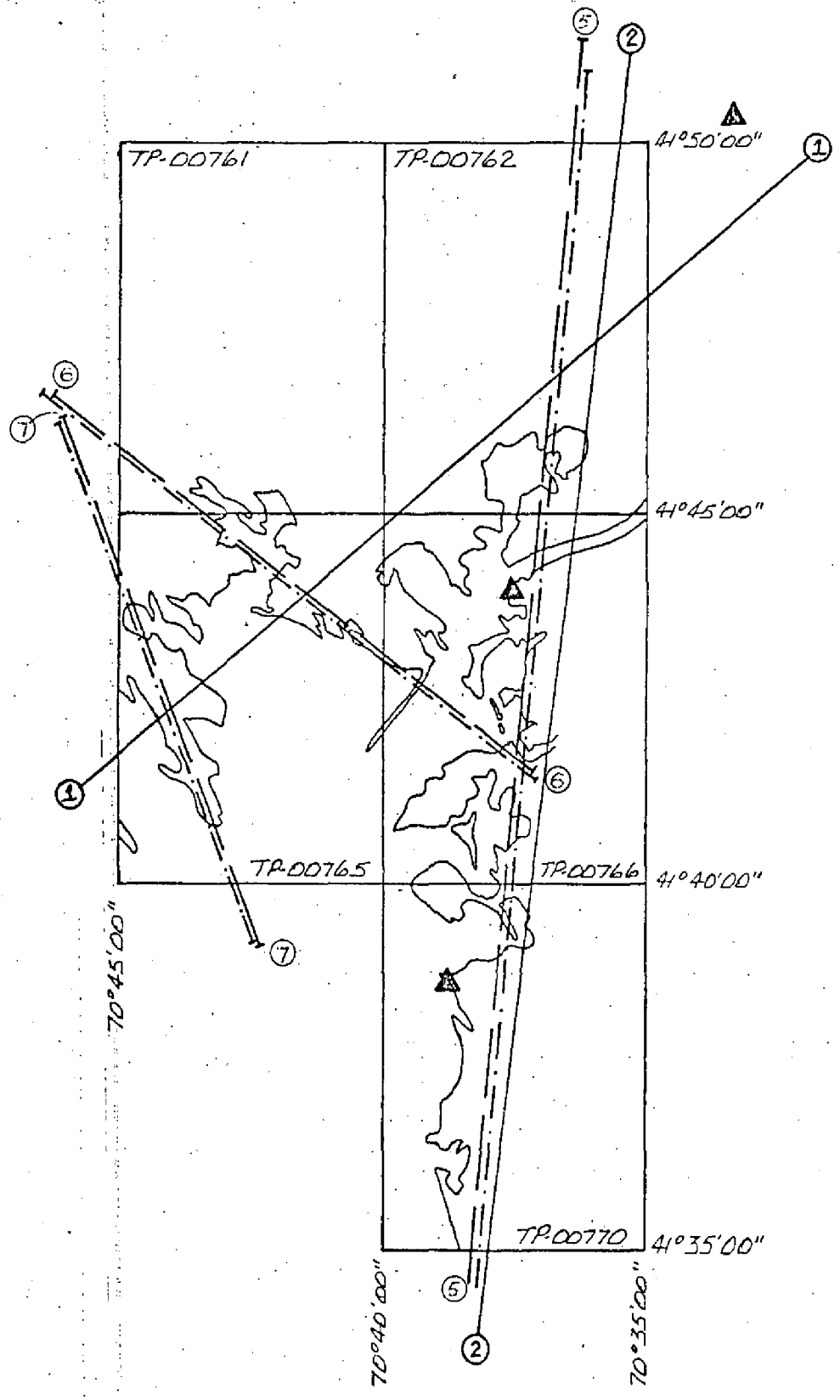
John D. Perrow, Jr.
John D. Perrow, Jr.
Chief, Aerotriangulation Section

JOB CM-7407
 BUZZARDS BAY
 MASS.
 MARCH 1975



○ ● BRIDGING PHOTOGRAPHY (NA DENOTES STRIP)
 ——— 1:30,000 COMPILATION PHOTOGRAPHY
 - - - - 1:30,000 B/W SUPPORT PHOTOGRAPHY





COMPILATION REPORT

TP-00774

31 - DELINEATION

Delineation was accomplished using stereo instrument and graphic compilation methods. The Wild B-8 plotter was used to delineate shoreline, alongshore and interior detail based upon office interpretation of the 1:30,000 scale bridging/compilation photographs.

Mean low water tide coordinated infrared photographs at 1:30,000 scale were ratioed to map scale in order to graphically compile the low water features.

All photographs used to compile this map are listed on NOAA Form 76-36B. The photography was adequate except for the sun glare problem addressed in item #36.

32 - CONTROL

Refer to the Photogrammetric Plot Report dated April 1975.

33 - SUPPLEMENTAL DATA

Reference was made to two unreviewed Class II shoreline sheets (T-12473, T-12474) within project PH-6411. These 1:10,000 scale manuscripts were compiled in 1963.

Alongshore detail (specifically rocks) was compared and an attempt was made to photo verify the most hazardous rocks. Significant differences in the most offshore rock positions were addressed to the field editor as required by Project Instruction dated December 4, 1975.

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 1:30,000 scale compilation photographs as described in item #31.

36 - OFFSHORE DETAILS

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

TP-00774

Various charted rocks along the southern shore of Pasque and Naushon Islands could not be identified because of sun glare and heavy surf apparent on both the color and infrared photographs. The field editor will need to locate representative rocks in that area.

37 - LANDMARKS AND AIDS

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

U.S. Geological Survey Quadrangle Naushon Island, MA, 1:24,000 scale, dated 1972.

Comparison was also made with U.S. Coast and Geodetic Survey shore-line manuscripts T-12473 and T-12474. See item #33, Supplemental Data.

47 - COMPARISON WITH NAUTICAL CHARTS

A comparison was made with NOS Charts: 13229, 5th edition, dated January 18, 1975, 1:40,000 scale (includes inset at 1:12,000); and 13230, 26th edition, dated November 2, 1974, 1:40,000 scale.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Submitted by,

Joanne D. Roderick
Joanne D. Roderick
Cartographer
December 8, 1975

Approved,
Albert C. Rauck, Jr.
for Albert C. Rauck, Jr.
Chief, Coastal Mapping Section

ADDENDUM TO THE COMPILATION REPORT

TP-00774

FIELD EDIT

Field edit was accomplished September 1977 by a coastal mapping photo party.

The accuracy involving the field photo identification of alongshore/offshore rocks was questioned. In various instances, photo identification of specific rocks was performed on ratio photos where sun glare and/or heavy surf are very apparent. Acceptance and application of this data were selective depending on reobservation of the infrared and color compilation photographs. Where no image could be observed, the field photo identification was disregarded. Although this practice reduced the number of alongshore rocks applied, it did not result in any substantial voids concerning the representation of alongshore rocks.

GEOGRAPHIC NAMES

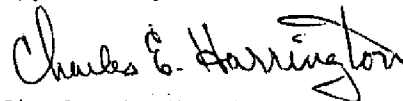
FINAL NAME SHEET

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

TP-00774

Buzzards Bay
Crescent Beach
Elizabeth Islands
French Watering Place
Kettle Cove
Naushon Island
Naushon Point
Pasque Island
Rams Head
Ramshead Woods
Robinsons Hole
Silver Beach
South Bluff
Tarpaulin Cove
Vineyard Sound
West Beach
Westend Pond

Approved by:



Charles E. Harrington
Chief Geographer
Nautical Charting Division

REVIEW REPORT TP-00774
SHORELINE

61. GENERAL STATEMENT

Final review for this final field edited map was accomplished at the Atlantic Marine Center in October 1984. For a schedule of the office and field operations, refer to the Summary included in this Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

A comparison was made with two unreviewed Class II map copies (T-12473, T-12474) from project PH-6311. Field edit for these 1:10,000 scale maps was canceled and the project was scheduled for final review when this project, CM-7407, was initiated to provide current shoreline data for Marine Charts and proposed hydrographic activity. Project PH-6311 was registered July 1976.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

A comparison was made with U.S. Geological Survey quadrangle Naushon Island, MA, 1:24,000 scale, dated 1972.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Contemporary hydrographic activity common to this map was assigned as hydro surveys H-9646 and H-9668. Survey H-9646 was physically accomplished; however, the field data is currently unprocessed and the completion date is unscheduled. A comparison was made with unregistered copy of H-9668, field surveyed June 1977, 1:10,000 scale. Only a small portion of the smoothsheet is common to this shoreline map. No significant differences were noted.

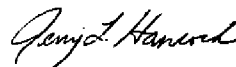
65. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following NOS Charts: 13229, 20th edition, dated March 24, 1984, 1:40,000 scale (1:12,000 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.

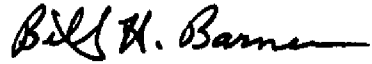
Submitted by,



Jerry L. Hancock
Final Reviewer

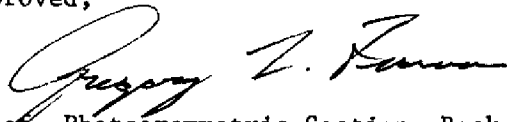
TP-00774

Approved for forwarding,



Billy H. Barnes
Chief, Photogrammetric Section, AMC

Approved,



Gregory Z. Farrow
Chief, Photogrammetric Section, Rockville



Ronald K. Brewer
Chief, Photogrammetry Branch,
Rockville

RESPONSIBLE PERSONNEL		ORIGINATOR
TYPE OF ACTION	NAME	
OBJECTS INSPECTED FROM SEAWARD	R. TIBBETTS	<input checked="" type="checkbox"/> PHOTO FIELD PARTY <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> OTHER (Specify)
POSITIONS DETERMINED AND/OR VERIFIED	R. TIBBETTS	FIELD ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	F. MAULDIN	<input type="checkbox"/> OFFICE ACTIVITY REPRESENTATIVE <input type="checkbox"/> REVIEWER <input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE
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) 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	
FIELD 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 P - Photogrammetric Vis - Visually 5 - Field identified 6 - Theodolite 7 - Planetable 8 - Sextant A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75	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 determined by field observations based entirely upon ground survey methods. **PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.		

