

NOAA FORM 76-35
(6-80)

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

DESCRIPTIVE REPORT

<i>Map No.</i> TP-00761	<i>Edition No.</i> 1
<i>Job No.</i> CM-7407	
<i>Map Classification</i> FINAL, FIELD EDITED MAP	
<i>Type of Survey</i> SHORELINE	
LOCALITY	
<i>State</i> MASSACHUSETTS	
<i>General Locality</i> BUZZARDS BAY	
<i>Locality</i> WAREHAM RIVER	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">1974 TO 1977</div>	
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- 00761 MAP EDITION NO. (1) MAP CLASS Final JOB PH -CM-7407
DESCRIPTIVE REPORT - DATA RECORD	LAST PRECEDING MAP EDITION	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division, Norfolk, VA Atlantic Marine Center	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 08, 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> </table>	STATE	ZONE	Massachusetts	Mainland
STATE	ZONE				
Massachusetts	Mainland				
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 M. McGinley April 1975 METHOD: Analytic LANDMARKS AND AIDS BY		
2. CONTROL AND BRIDGE POINTS PLOTTED BY R. Robertson April 1975 METHOD: Calcomp CHECKED BY R. Robertson April 1975		
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY J. Roderick April 1976 COMPILATION CHECKED BY L. O. Neterer, Jr. April 1976 INSTRUMENT: Wild B-8 CONTOURS BY N.A. SCALE: 1:10,000 CHECKED BY N.A.		
4. MANUSCRIPT DELINEATION PLANIMETRY BY J. Roderick April 1976 CHECKED BY F. Margiotta April 1976 METHOD: Smooth drafted CONTOURS BY N.A. CHECKED BY N.A. SCALE: 1:10,000 HYDRO SUPPORT DATA BY J. Roderick April 1976 CHECKED BY F. Margiotta April 1976		
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY F. Margiotta April 1976		
6. APPLICATION OF FIELD EDIT DATA BY F. Mauldin Jan. 1978 CHECKED BY F. Margiotta Jan. 1978		
7. COMPILATION SECTION REVIEW BY F. Margiotta Jan. 1978		
8. FINAL REVIEW BY J. Hancock Nov. 1984		
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY J. Hancock Feb. 1985		
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY J. Schad March 1985		
11. MAP REGISTERED - COASTAL SURVEY SECTION BY R. Kohnspan April 1985		

1. COMPILATION PHOTOGRAPHY

CAMERA(S) E=152.71mm, C=88.47mm, Z=153.14mm 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	
<input type="checkbox"/> PREDICTED TIDES <input checked="" type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				Eastern	
				MERIDIAN	
				75th	
				<input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
74E(C) 4826-4827 ✓	Apr. 20, 1974	12:39	1:30,000	0.1 ft. below MLW*	
74Z(I) 9558-9559 ✓	Apr. 20, 1974	12:39	1:30,000	0.1 ft. below MLW**	

REMARKS *Compilation/bridging photographs.
**Tide coordinated photography at MLW.

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-9724	Field surveyed Nov. 1977	unregistered copy			

5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST
No survey	TP-00762	TP-00765	No survey

REMARKS

HISTORY OF FIELD OPERATIONS

I. FIELD INSPECTION OPERATION FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. Tibbetts	April 1974
2. HORIZONTAL CONTROL RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	None None None	
3. VERTICAL CONTROL RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	N.A. N.A. N.A.	
4. LANDMARKS AND AIDS TO NAVIGATION RECOVERED (<i>Triangulation Stations</i>) BY LOCATED (<i>Field Methods</i>) BY IDENTIFIED BY	None None None	
5. GEOGRAPHIC NAMES INVESTIGATION TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION BY		
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
N.A.

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

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*)

No horizontal control established within the limits of this map.

TP-00761
HISTORY OF FIELD OPERATIONS

1. FIELD INSPECTION OPERATION FIELD EDIT OPERATION

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

II. SOURCE DATA

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

3. PHOTO NUMBERS (*Clarification of details*)
74E(C)4827 (Black/white ratios)

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 field edit report
1 field edit paper print
1 Form: 76-40

I. MANUSCRIPT COPIES			DATE MANUSCRIPT FORWARDED	
COMPILATION STAGES			MARINE CHARTS	HYDRO SUPPORT
DATA COMPILED	DATE	REMARKS		
Compilation complete, pending field edit.	April 1976	Class III manuscript SUPERSEDED	July 1976	June 1976
Field edit applied. Compilation complete.	Jan. 1978	Class I manuscript SUPERSEDED	Feb. 1978	Mar. 1978
Final Review	Nov. 1984	Final Map	March 1985	March 1985

II. LANDMARKS AND AIDS TO NAVIGATION
 1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER (pages)	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		May 1980	Landmarks for charts.

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

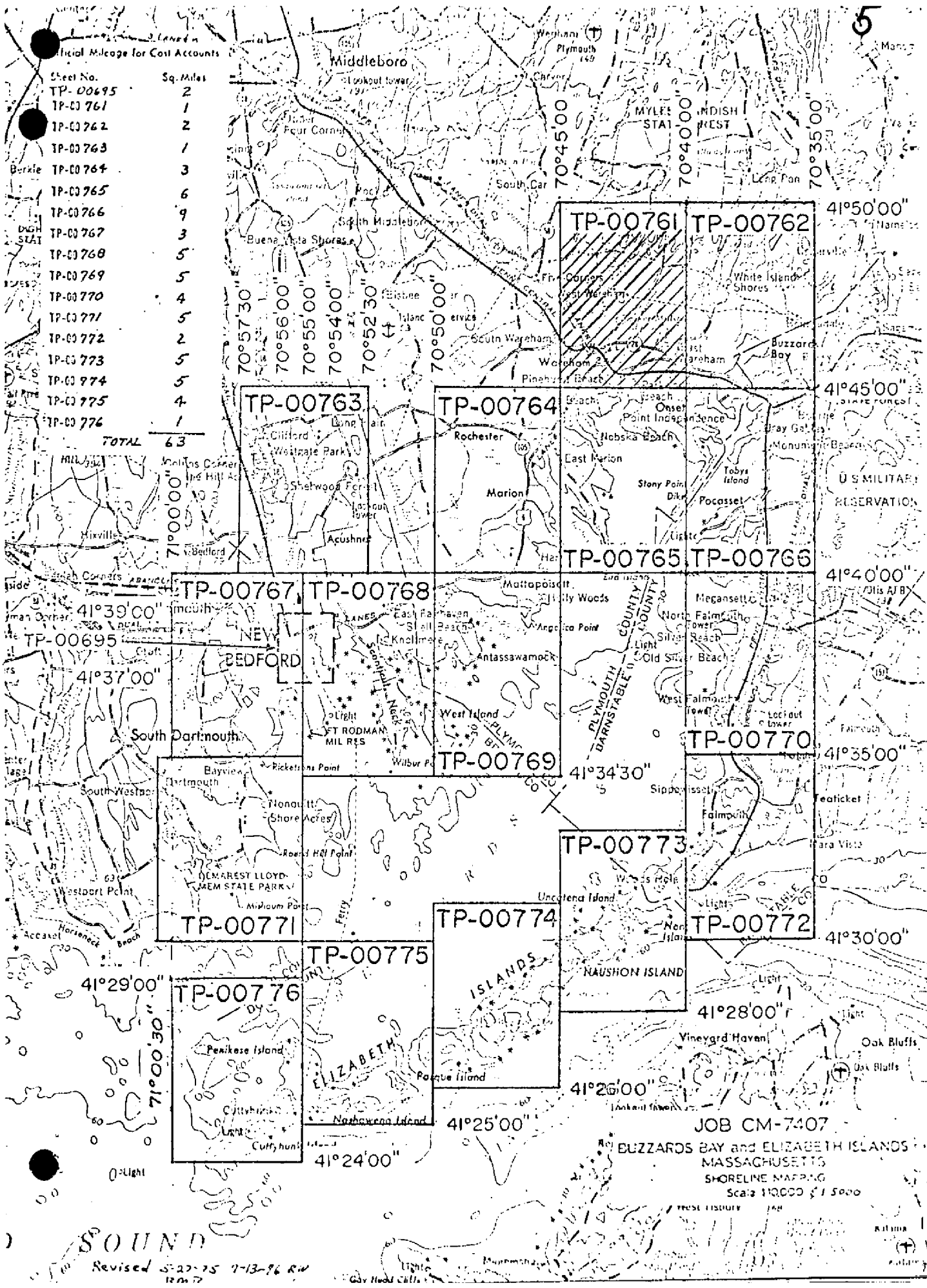
1. BRIDGING PHOTOGRAPHS; DUPLICATE BRIDGING REPORT; COMPUTER READOUTS.
 2. CONTROL STATION IDENTIFICATION CARDS; FORM NOS. 76-40 SUBMITTED BY FIELD PARTIES.
 3. SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS:
 4. DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

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

SECOND EDITION	SURVEY NUMBER	JOB NUMBER	TYPE OF SURVEY	
	TP - _____ (2)	PH - _____	<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	JOB NUMBER	TYPE OF SURVEY	
	TP - _____ (3)	PH - _____	<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	JOB NUMBER	TYPE OF SURVEY	
	TP - _____ (4)	PH - _____	<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



JOB CM-7407
BUZZARDS BAY and ELIZABETH ISLANDS
MASSACHUSETTS
SHORELINE MAPPING
 Scale 1:10,000 @ 1:5000

SOUND

Revised 5-27-75 7-13-76 RW
 12/77

Katama
 Katama

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00761

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 includes shoreline coverage of the most northern portions of Wareham River and Weweantic River. This map defines the northern limit of the project.

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 April 1976. 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. The hydro survey partially common to this map, H-9724, has been processed but is currently unregistered. A comparison with an unregistered copy was made during final review.

TP-00761

Field edit was conducted August 1977 and application of this data was accomplished at the original compilation office in January 1978. The manuscript was advanced to Class I and copies were forwarded to the Hydrographic Surveys Branch and the Marine Charts Branch.

Final review was performed at the Atlantic Marine Center in November 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-00761

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 CH-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.

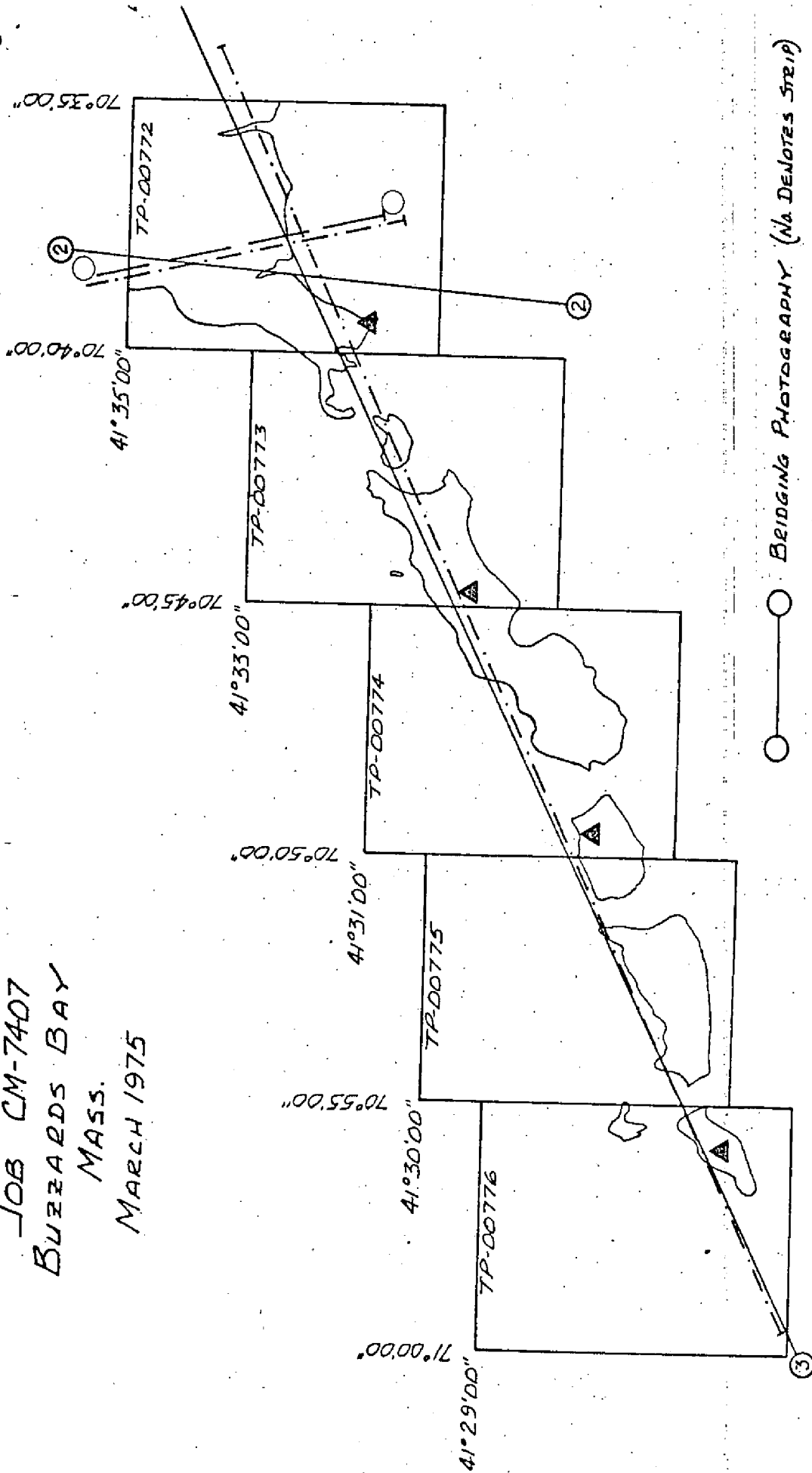
Submitted by:

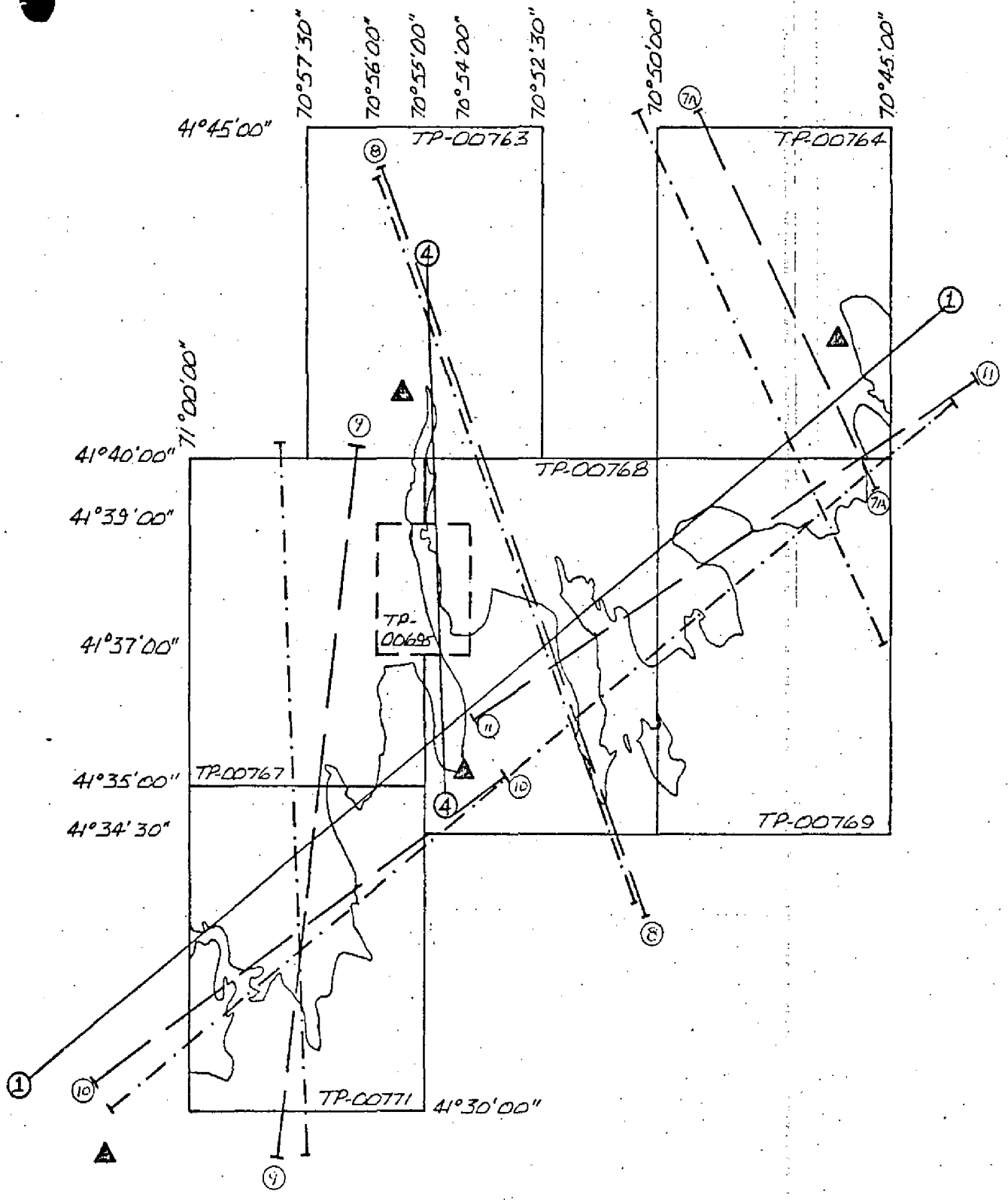
Michael L. McGinley
Michael L. McGinley

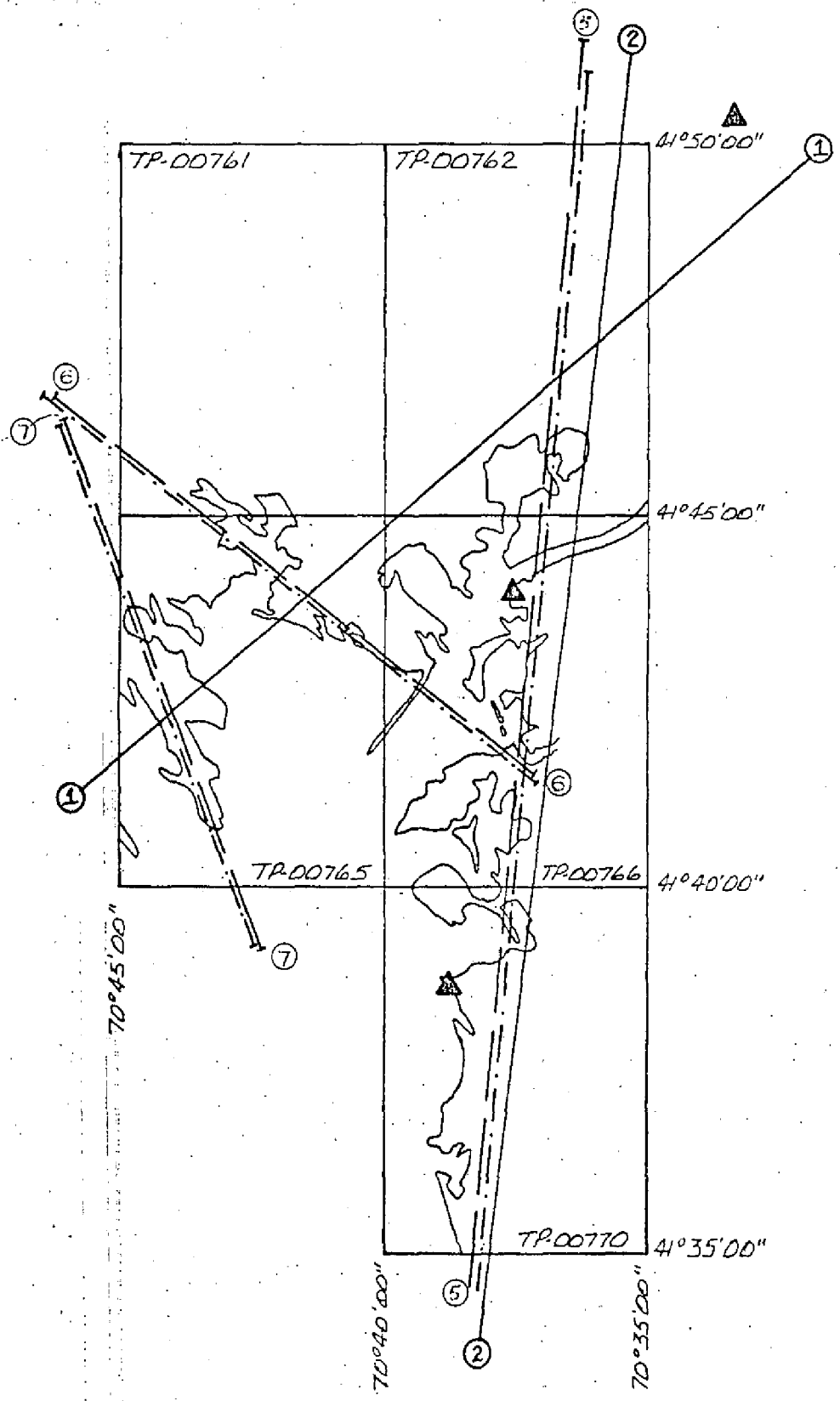
Approved by:

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

JOB CM-7407
 BUZZARDS BAY
 MASS.
 MARCH 1975







COMPILATION REPORT

TP-00761

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 color 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.

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 1:30,000 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.

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.

TP-00761

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 Quadrangle: Wareham, Mass., scale 1:24,000, dated 1972.

47 - COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with the following National Ocean Survey Charts: 13229, scale 1:40,000, 11th edition, dated January 18, 1975; 13230, scale 1:40,000, 26th edition, dated November 2, 1974; and 13236, scale 1:20,000, 18th edition, dated October 12, 1974.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Submitted by,

Joanne D. Roderick
Joanne D. Roderick
Cartographer
April 20, 1976

Approved,

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

ADDENDUM TO THE COMPILATION REPORT

TP-00761

FIELD EDIT

Field edit was adequately performed August 1977 by coastal mapping field personnel. All items were addressed and submitted back to compilation for application. The manuscript was advanced to Class I.

GEOGRAPHIC NAMES

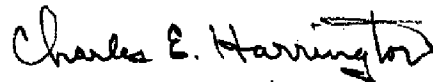
FINAL NAME SHEET

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

TP-00761

Agawam River
Bay Colony (RR0
Beaverdam Pond
Blackmere Reservoir
Broad Marsh River
Horseshoe Pond
Oakdale
Parker Mills Pond
Popes Pond
Salt Marsh
Wankinco River
Wareham
Wareham Neck
Wareham River
Weweantic River
Maple Swamp

Approved by:

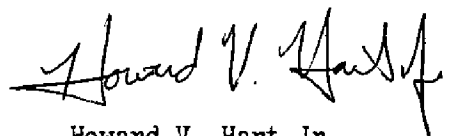


Charles E. Harrington
Chief Geographer
Nautical Charting Division

Field Edit Report
Job CM - 7407
Buzzard's Bay, Massachusetts
TP - 00761 Wareham River

This sheet was field edited during the summer season of 1977.

52. ADEQUACY OF COMPILATION - The compilation on this sheet is good with only minor additions and deletions needed for charting purposes.
54. RECOMMENDATIONS - None
56. SHORELINE AND ALONGSHORE FEATURES - The MHWL is delineated correctly on this sheet with no changes necessary. The MLWL is correct except for the upper Weweantic River where a small amount of the apparent shoreline is lower than the compiled line. The area in question at the mouth of the Agawam River was investigated and none of the features were found. The remains of a rock groin and a 4' by 4' by 4' concrete block were found and are noted on the Field Edit Ozalid as are all changes. The marine railways on the north shore of the Wareham River were not found. The overhead cables were field verified and the ends were located on photograph 74E 4827, as were the bridge ends over the Wankinco River. The area at the head of the Wareham River is compiled correctly with the area between the two bridges being a pool at the head of two fish ladders that separate the Wareham River and the Wankinco River. Navigation is obstructed at this point.
57. OFFSHORE FEATURES - The "Rocks or Dolphins" in the Wareham River were found to be mooring buoys and are not permanent. The "Islet" in the Horseshoe Pond was marsh grass bare 2' at MHW.
58. LANDMARKS AND AIDS - There were no permanent aids to navigation on this sheet. The landmarks were recovered in the field and were noted on forms 76-40. The spire, Episcopal Church 1934, was found to be visible from the river but is not mandatory for charting.
59. GENERAL STATEMENT - All field notes have been made in violet ink on both the FIELD EDIT OZALID and the photograph.



Howard V. Hart Jr.
Surveying Technician

REVIEW REPORT TP-00761
SHORELINE

61. GENERAL STATEMENT

Final review for this final field edited map was accomplished at the Atlantic Marine Center in November 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

Not applicable.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

A comparison was made with U.S. Geological Survey quadrangle Wareham, Mass., 1:24,000 scale, dated 1972.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

A comparison was made with an unregistered copy of contemporary hydrographic survey H-9724, 1:10,000 scale. This survey was field performed November 1977, inspected by hydrographic quality control in January 1983 and is currently awaiting registration. The comparison did not reveal any significant differences.

65. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following NOS Charts: 13236, 22nd edition, 1:20,000 scale, dated March 10, 1984; 13229, 20th edition, 1:40,000 scale, dated March 24, 1984; and 13230, 34th edition, 1:40,000 scale, dated March 10, 1984.

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
Jerry L. Hancock
Final Reviewer

Approved,

Billy H. Barnes
Billy H. Barnes
Chief, Photogrammetric Section, AMC

Approved,

Gregory Z. Kramer
Chief, Photogrammetric Section, Rockville

Ronald K. Buewer
Chief, Photogrammetry Branch, Rockville

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	R. Tibbetts
POSITIONS DETERMINED AND/OR VERIFIED	H. Hart
	F. Mauldin
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' (Consult Photogrammetric Instructions No. 64.)	
OFFICE	FIELD (Cont'd)
<p>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</p>	<p>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</p>
<p>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>	<p>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</p>
<p>A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-1 8-12-75</p>	<p>III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-V's.' and date. EXAMPLE: V-V's. 8-12-75</p>
<p>**FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.</p> <p>**PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.</p>	

