

NOAA FORM 76-35  
(6-80)

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

# DESCRIPTIVE REPORT

*Map No.*

TP-00765

*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*

WINGS COVE

1974 TO 1980

REGISTERED IN ARCHIVES

DATE



COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) E=152.71mm, C=88.47mm; Z=153.14mm		TYPES OF PHOTOGRAPHY		TIME REFERENCE	
Wild RC-8"E", RC-10"C", RC-10"Z"		LEGEND		ZONE	
TIDE STAGE REFERENCE		(C) COLOR		Eastern	
<input type="checkbox"/> PREDICTED TIDES		(P) PANCHROMATIC		<input checked="" type="checkbox"/> STANDARD	
<input checked="" type="checkbox"/> REFERENCE STATION RECORDS		(I) INFRARED		MERIDIAN	
<input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				75th	
<input type="checkbox"/> DAYLIGHT					
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
74C(C) 9472-9473	Apr. 18, 1974	10:16	1:60,000	0.2 ft. above MLW***	
74E(C) 4818-4821	Apr. 20, 1974	12:30	1:30,000	0.2 ft. below MLW*	
74E(C) 4827-4829	Apr. 20, 1974	12:39	1:30,000	0.1 ft. below MLW*	
74Z(I) 9549-9552	Apr. 20, 1974	12:30	1:30,000	0.2 ft. below MLW**	
74Z(I) 9559-9561	Apr. 20, 1974	12:39	1:30,000	0.1 ft. below MLW**	
74E(C) 4755	Apr. 18, 1974	11:11	1:30,000	0.4 ft. above MLW*	
74Z(I) 9598	Apr. 20, 1974	13:14	1:30,000	-0.2 ft. of MLW**	

REMARKS  
 \*Compilation/Bridging photographs.  
 \*\*Tide-coordinated photographs at MLW.      \*\*\* Bridging photographs.

2. SOURCE OF MEAN HIGH-WATER LINE:  
 \*The mean high water line was compiled from the above listed compilation photographs by stereo instrument methods.

3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:  
 \*\*The mean low water line was 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
TP-00761	TP-00766	No survey	TP-00764

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	None
	ESTABLISHED BY	None
	PRE-MARKED OR IDENTIFIED BY	None
3. VERTICAL CONTROL	RECOVERED BY	None
	ESTABLISHED BY	None
	PRE-MARKED OR IDENTIFIED BY	None
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED ( <i>Triangulation Stations</i> ) BY	None
	LOCATED ( <i>Field Methods</i> ) BY	None
	IDENTIFIED BY	None
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE BY <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		2. VERTICAL CONTROL IDENTIFIED	
None		None	
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.

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HISTORY OF FIELD OPERATIONS

I.  FIELD INSPECTION OPERATION  FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. Tibbetts	Oct. 1978
2. HORIZONTAL CONTROL RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	R. Tibbetts	Oct. 1978
	None	
	None	
3. VERTICAL CONTROL RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	None	
	None	
	None	
4. LANDMARKS AND AIDS TO NAVIGATION RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) 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		
6. PHOTO INSPECTION CLARIFICATION OF DETAILS BY	R. Tibbetts	Oct. 1978
7. BOUNDARIES AND LIMITS SURVEYED OR IDENTIFIED BY	N.A.	

II. SOURCE DATA

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

3. PHOTO NUMBERS (Clarification of details)  
74E(C)4821 (Color Contact--Overhead Cable Identified)

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 paper field edit print  
3 Forms 76-40

TP-00765

HISTORY OF FIELD OPERATIONS

1.  FIELD INSPECTION OPERATION  FIELD EDIT OPERATION (Supplemental Edit)

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. Tibbetts	Sept. 1980
2. HORIZONTAL CONTROL	RECOVERED BY	None
	ESTABLISHED BY	None
	PRE-MARKED OR IDENTIFIED BY	None
3. VERTICAL CONTROL	RECOVERED BY	None
	ESTABLISHED BY	None
	PRE-MARKED OR IDENTIFIED BY	None
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY	None
	LOCATED (Field Methods) BY	None
	IDENTIFIED BY	None
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE BY <input type="checkbox"/> SPECIFIC NAMES ONLY BY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	L. Davis
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	N.A.

II. SOURCE DATA

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

3. PHOTO NUMBERS (Clarification of details)  
 74E(C)4754, 4828 (Color ratios); 74Z(I)9551, 9598 (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 film field edit print  
 1 field edit report

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete, pending field edit.	June 1976	Class III manuscript SUPERSEDED	July 1976	June 1976
Partial field edit applied	Jan. 1980	advanced Class III manuscript SUPERSEDED	Jan. 1980	Jan. 1980
Field edit applied, compilation complete.	March 1981	Class I SUPERSEDED	None	Mar. 1981
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	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		May 1980	Landmarks to be charted
1		May 1980	Landmarks to be deleted
1		May 1980	Nonfloating aids to be charted

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

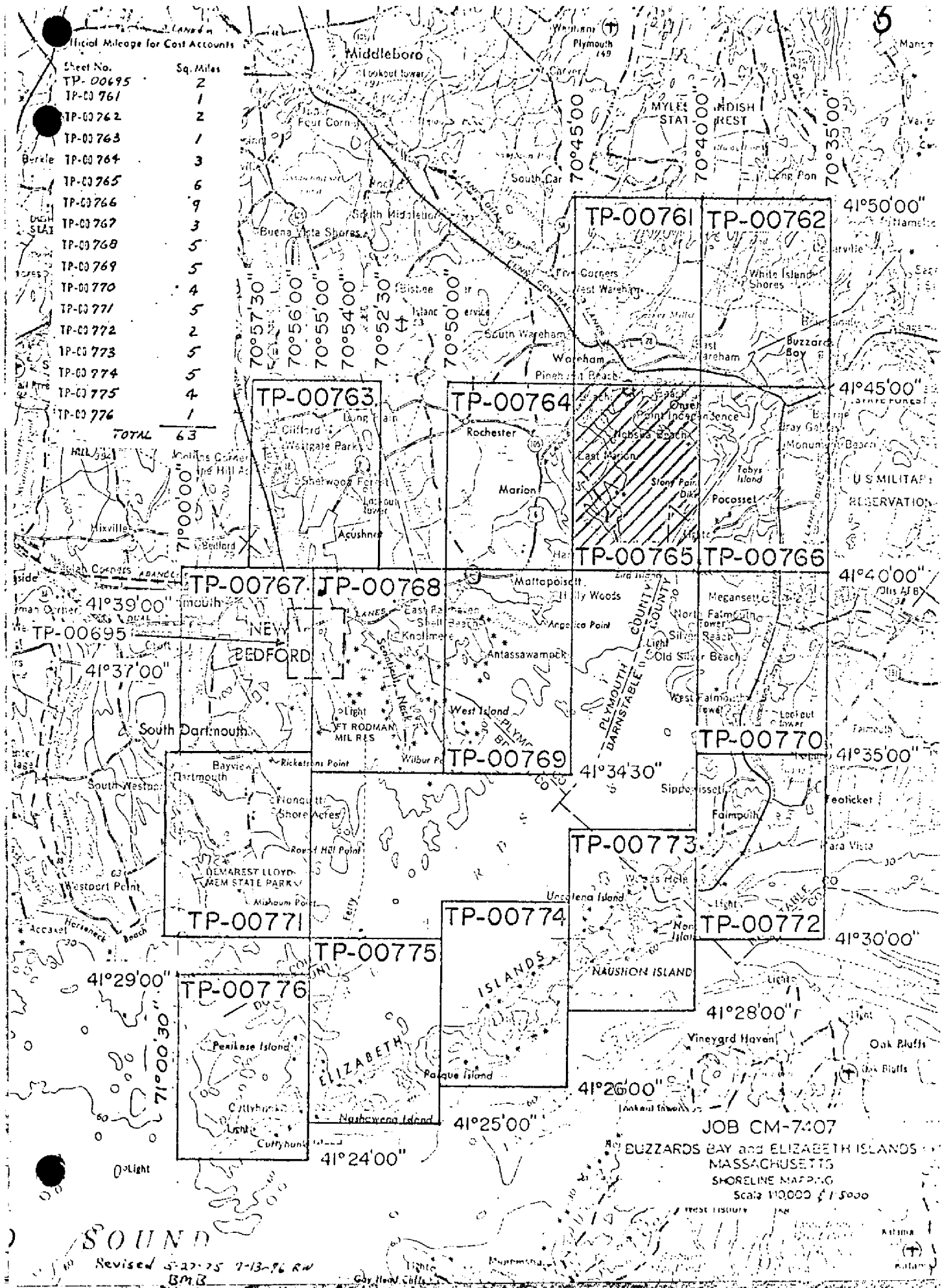
1.  BRIDGING PHOTOGRAPHS;  DUPLICATE BRIDGING REPORT;  COMPUTER READOUTS.
2.  CONTROL STATION IDENTIFICATION CARDS;  FORM 76-40 ~~76-36C~~ SUBMITTED BY FIELD PARTIES.
3.  SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS:
4.  DATA TO FEDERAL 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  MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY  MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY  MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	

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
<b>TOTAL</b>	<b>63</b>



SOUND

Revised 5-27-75 7-13-96 RW  
BM 13

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



SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT

TP-00765

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 a portion of the northwest shoreline along Buzzards Bay extending from Converse Point to Great Neck.

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 June 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. Two hydrographic surveys common to this map are H-9712 and H-9724. Although both surveys were physically accomplished, only H-9724 has been completely processed and is currently unregistered. A comparison with an unregistered copy of H-9724 did not reveal any significant discrepancies.

TP-00765

Field edit was conducted October 1978 by coastal mapping field personnel. Application of this data was accomplished January 1980 at the original compilation office. The manuscript classification was not advanced because of incomplete field verification; however, copies were submitted to the hydrographer and the Marine Charts Branch. A supplemental field edit was performed September 1980 and final compilation in March 1981 advanced the manuscript to Class I. A copy of the Class I was submitted to the hydrographer for smooth sheet application.

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-00765

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.

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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.

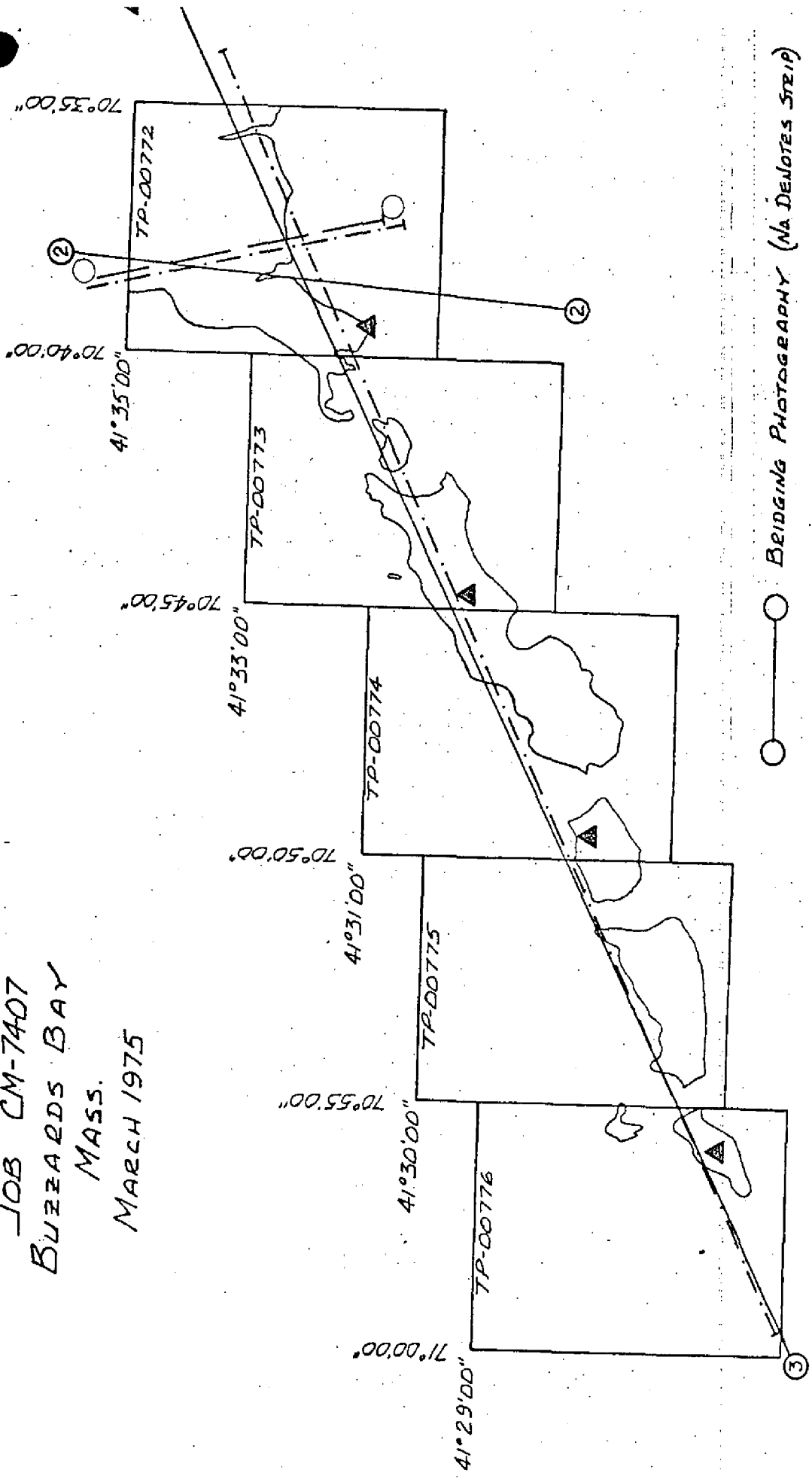
Submitted by:

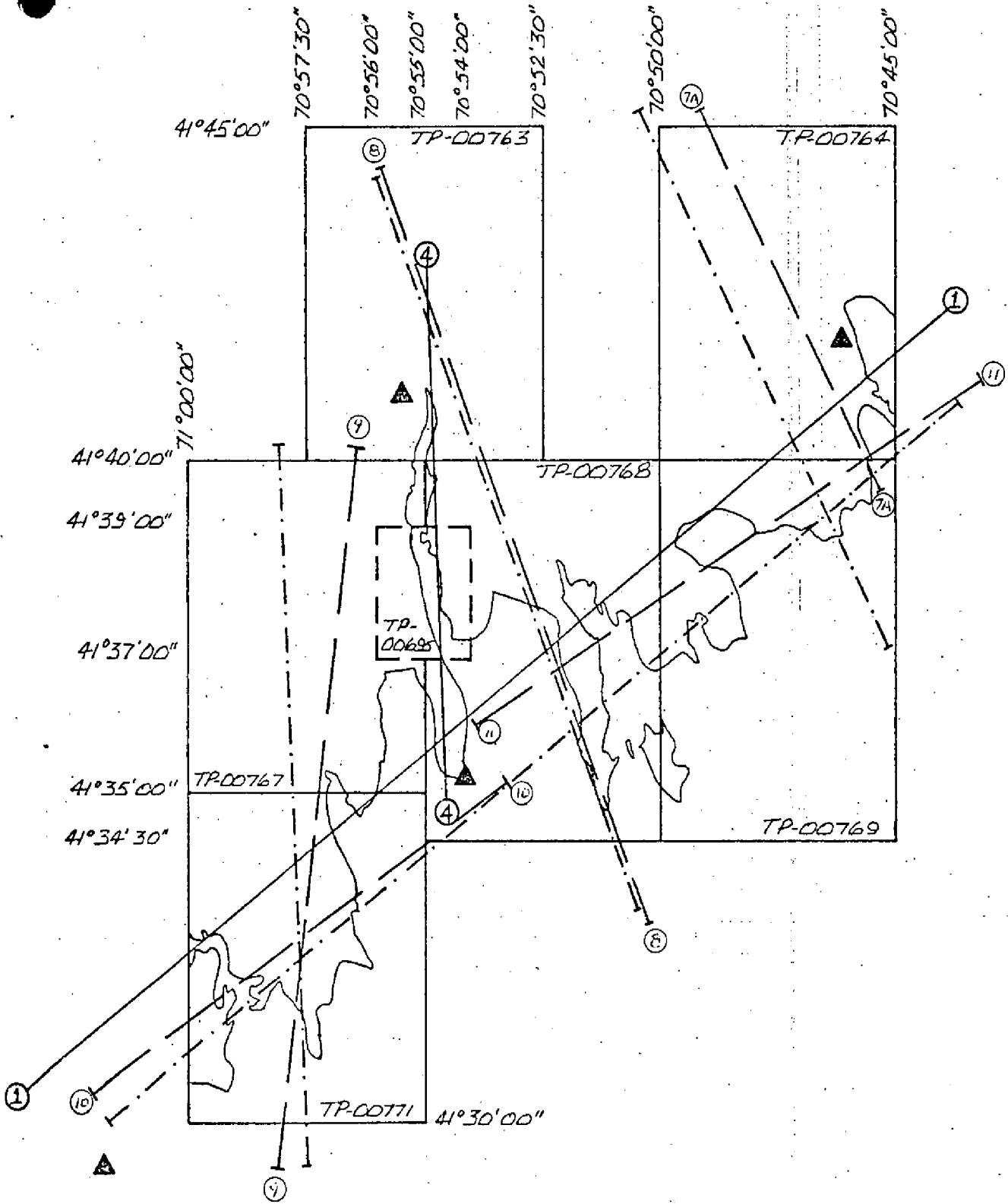
*Michael L. McGinley*  
Michael L. McGinley

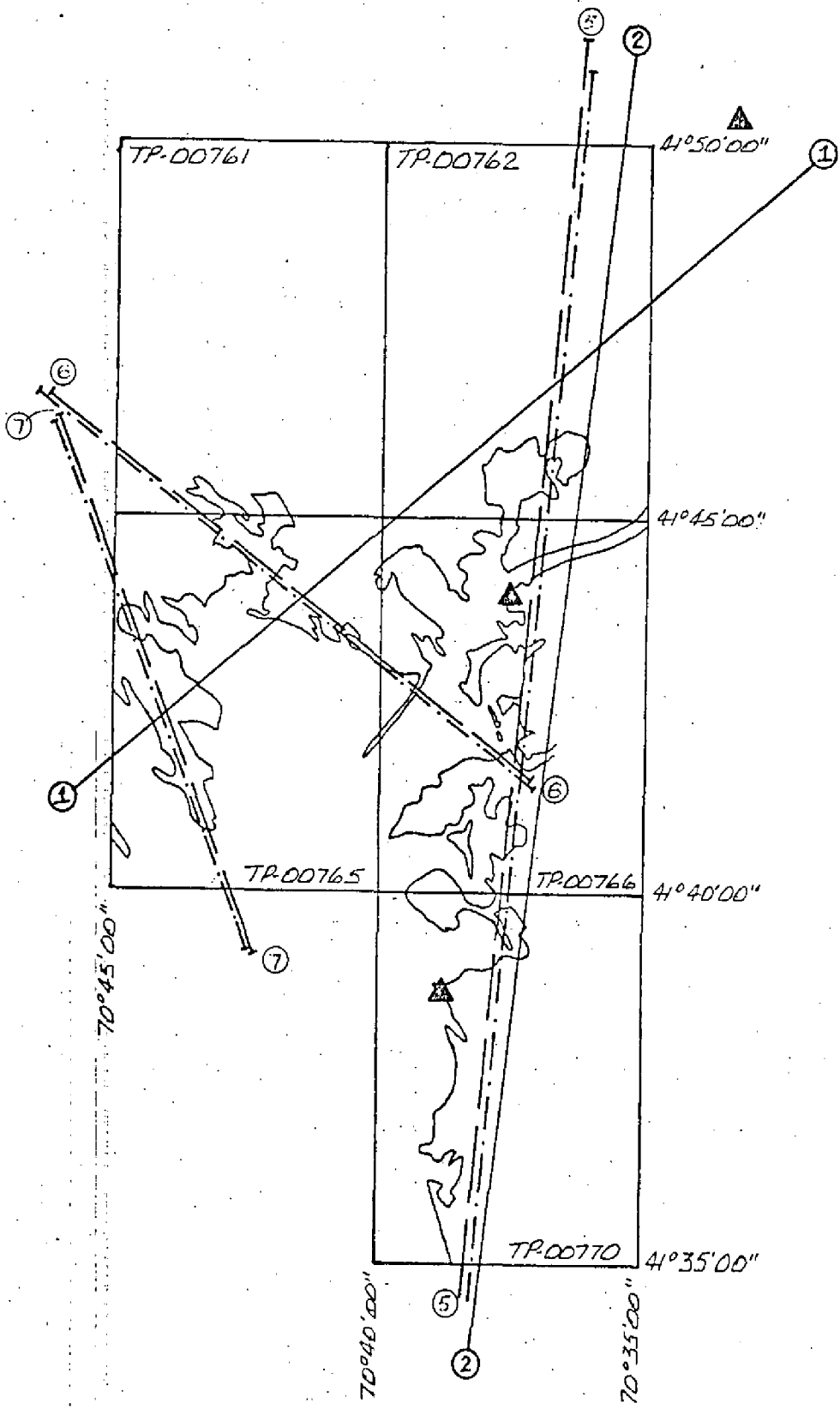
Approved by:

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

JOB CM-7A07  
 BUZZARDS BAY  
 MASS.  
 MARCH 1975











COMPILATION REPORT

TP-00765

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.

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: Onset, Mass., scale 1:24,000, dated 1967.

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  
May 27, 1976

Approved,

*Albert C. Rauck, Jr.*

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

## ADDENDUM TO THE COMPILATION REPORT

TP-00765

FIELD EDIT

The original field edit was accomplished October 1978 by coastal mapping photo party personnel. Field data was applied to the manuscript; however, the map could not be advanced because of incomplete verification of compiled data.

A supplemental field edit was performed September 1980 by the original field party. Primarily, this edit involved the verification and location of rocks. No data was submitted for the private seasonal aid, Gibbs Rock Daybeacon.

A combination of the field edit activities provided adequate data to advance the manuscript to Class I status.

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-00765

Allens Point  
 Barneys Point  
 Beach Rocks  
 Beaverdam Creek  
 Bird Island  
 Black Jonny Pond  
 Blankinship Cove  
 Bourne Cove  
 Bourne Point  
 Briarwood Beach (locality)  
 Broad Marsh  
 Broad Marsh River  
 Butler Point  
 Buzzards Bay  
 Cedar Island  
 Cedar Island Creek  
 Clapps Island  
 Converse Point  
 Crab Cove  
 Cromeset Neck  
 Cromeset Point  
 Crooked River  
 Dry Ledge  
 East Marion  
 Great Hill Point  
 Great Neck  
 Hamilton Beach (locality)  
 Indian Neck  
 Little Bird Island  
 Little Harbor  
 Little Harbor Beach (locality)

Long Beach Point  
 Marks Cove  
 Meadow Island  
 Mendells Rocks  
 Nobska Beach (locality)  
 Nobska Point  
 Onset  
 Parkwood Beach (locality)  
 Pinehurst Beach (locality)  
 Piney Point  
 Piney Point Beach (locality)  
 Planting Island  
 Planting Island Cove  
 Point Richard  
 Quasuet Point  
 Ram Island  
 Rose Point  
 Seal Rocks  
 Shell Point Bay  
 Sippican Harbor  
 Sippican Neck  
 Stony Point Dike  
 Sunset Cove  
 Sunset Island  
 Swifts Beach (locality)  
 Swifts Neck  
 Wareham Neck  
 Wareham River  
 Warren Point  
 Wewantic River  
 Wings Cove

Approved by:

Charles E. Harrington  
 Chief Geographer  
 Nautical Charting Division

18  
FIELD EDIT REPORT

Buzzards Bay and Elizabeth Islands, Massachusetts

JOB CM-7407  
MAP TP-00765

51. METHODS.

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

52. ADEQUACY OF COMPILATION.

Compilation was adequate. The MHL was accepted as compiled. No significant shoreline changes were noted during field edit. A few groins have been noted on the field edit ozalid.

53. RECOMMENDATIONS.

None.

56. LANDMARKS AND NON-FLOATING AIDS.

Three landmarks were verified, one landmark was deleted. Three lights were verified. One Day Beacon, "Gibbs Rock Day Beacon" was overlooked during field edit. Due to its not being noted on the field work sheet.

57. ROCKS, REEFS AND SHOALS.

There are numerous rocks on Map TP-00765. All appear as mapped and were visually verified during shoreline inspection.

58. PHOTOGRAPHY.

The photography was adequate.

*Robert S. Tibbetts*  
Robert S. Tibbetts  
Oct. 1978

FIELD EDIT REPORT  
JOB CM-7407, TP-00765  
Supplemental

51. METHODS

Field edit (rocks Only) was performed according to photogrammetry instructions of the National Ocean Survey Operations Manual and according to instructions attached to field edit sheet. Photogrammetric, Theodolite Rangematic Distance Finder, truck and boat were used to locate rocks, Where possible foul limits were annotated and verified by above listed methods. Any descriptive notes will be found on field edit sheet and photographs.

52. ADEQUACY OF COMPIATION

Adequate pending compliation of rocks.

53. MAP ACCURACY

No test required.


54. RECOMMENDATIONS

none

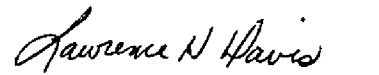
55. EXAMINATION OF PROOF COPY

Not required.

Approved & Forwarded

  
Robert S. Tibbetts  
Chief, Photo Party 62

Submitted

  
Lawrence H Davis  
Chief, Photo Party 61  
Sept. 1980

REVIEW REPORT TP-00765  
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 Onset, Mass., 1:24,000 scale, dated 1967.

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 for forwarding,

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

Approved,

*Gregory Z. Krumm*  
Chief, Photogrammetric Section, Rockville

*Ronald K. Brewer*  
Chief, Photogrammetry Branch,  
Rockville



NOAA FORM 76-40  
(8-78)

Replaces C&GS Form 567.

TO BE CHARTED,  
 TO BE REVISED  
 TO BE DELETED

REPORTING UNIT  
if *inland Party, Ship or Office*  
Coastal Mapping Div.,  
AMC Norfolk, VA

STATE  
Massachusetts

LOCALITY  
Buzzards Bay  
Elizabeth Islands

DATE  
Jan 1980

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

LANDMARKS FOR CHARTS

ORIGINATING ACTIVITY  
 HYDROGRAPHIC PARTY  
 GEODETIC PARTY  
 PHOTO FIELD PARTY  
 COMPILATION ACTIVITY  
 FINAL REVIEWER  
 QUALITY CONTROL & REVIEW GRP.  
 COAST PILOT BRANCH  
*(See reverse for responsible personnel)*

The following objects HAVE  HAVE NOT  been inspected from seaward to determine their value as landmarks.

DATUM

JOB NUMBER  
CM-7407

SURVEY NUMBER  
TP-00765

POSITION  
N.A. 1927

METHOD AND DATE OF LOCATION  
*(See instructions on reverse side)*

CHARTING NAME  
TOWER  
STANDPIPE  
TANK

DESCRIPTION  
*(Record reason for deletion of landmark or aid to navigation.  
Show triangulation station names, where applicable, in parentheses.)*  
(Bird Island Lighthouse, 1835)  
Abandoned Lighthouse  
(Gray Standpipe, 1932)

LATITUDE  
° / ' / ''  
D.M. Meters

LONGITUDE  
° / ' / ''  
D.P. Meters

OFFICE  
74Z(I)9598  
Apr 20, 1974

FIELD  
V-VIS  
Sept 19, 1979

CHARTS  
AFFECTED  
13229  
13230  
13236

41 40  
41 42

09.099  
280.7 70 43  
28.661  
884.2 70 44

74Z(I)9551  
Apr 20, 1974

V-VIS  
Oct 15, 1979

41 42  
41 42

32.31  
997. 70 43

74Z(I)9551  
Apr 20, 1974

V-VIS  
Oct 15, 1979

1 of 3

TYPE OF ACTION	RESPONSIBLE PERSONNEL NAME	ORIGINATOR
OBJECTS INSPECTED FROM SEAWARD	R. S. 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. S. TIBBETTS  J. D. KODERICK	FIELD ACTIVITY REPRESENTATIVE  OFFICE ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' <i>(Consult Photogrammetric Instructions No. 64,</i>	<input type="checkbox"/> REVIEWER <input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE
<p><b>OFFICE</b>  <b>I. OFFICE IDENTIFIED AND LOCATED OBJECTS</b>            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>FIELD</b>  <b>I. NEW POSITION DETERMINED OR VERIFIED</b>            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</p> <p>*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.</p>	<p><b>FIELD (Cont'd)</b>  <b>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.</b>            EXAMPLE: P-8-V            8-12-75            74L(C)2982</p> <p><b>II. TRIANGULATION STATION RECOVERED</b>            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><b>III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH</b>            Enter 'V-Vis.' and date.            EXAMPLE: V-Vis.            8-12-75</p> <p>**PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.</p>	



RESPONSIBLE PERSONNEL		ORIGINATOR	
TYPE OF ACTION	NAME		
OBJECTS INSPECTED FROM SEAWARD	R. S. TIBBETTS	<input checked="" type="checkbox"/> PHOTO FIELD PARTY	<input type="checkbox"/> HYDROGRAPHIC PARTY
	R. S. TIBBETTS	<input type="checkbox"/> GEODETIC PARTY	<input type="checkbox"/> OTHER (Specify)
POSITIONS DETERMINED AND/OR VERIFIED	R. S. TIBBETTS	FIELD ACTIVITY REPRESENTATIVE	
	J. D. RODERICK	OFFICE ACTIVITY REPRESENTATIVE	
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES		<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	FIELD (Cont'd)	
	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	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	II. TRIANGULATION STATION RECOVERED	
	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	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	
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	*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.	

Replaces C&GS Form 567.

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
**NONFLOATING AIDS**  
**FOR CHARTS**

**ORIGINATING ACTIVITY**  
 HYDROGRAPHIC PARTY  
 GEODETIC PARTY  
 PHOTO FIELD PARTY  
 COMPILATION ACTIVITY  
 FINAL REVIEWER  
 QUALITY CONTROL & REVIEW GRP.  
 COAST PILOT BRANCH  
*(See reverse for responsible personnel)*

**REPORTING UNIT**  
*(Field party, ship or office)*  
 Coastal Mapping Div.  
 AMC Norfolk, VA

**STATE**  
 Massachusetts

**LOCALITY**  
 Buzzards Bay  
 Elizabeth Islands

**DATE**  
 Jan 1980

**OPR PROJECT NO.**  
 503

**JOB NUMBER**  
 CM-7407

**SURVEY NUMBER**  
 TP-00765

**DATUM**  
 N.A. 1927

**DATE**  
 Jan 1980

CHARTING NAME	DESCRIPTION <i>(Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses.)</i>	LATITUDE		LONGITUDE		METHOD AND DATE OF LOCATION <i>(See instructions on reverse side)</i>		CHARTS AFFECTED
		°	'	°	'	OFFICE	FIELD	
* LIGHT	Hog Island Channel Light 3	41	41	70	40	74Z(I)9561 Apr 20, 1974	V-VIS. Sept 19, 1979	13229 13230 13236
* LIGHT	Hog Island Channel Light 4	41	41	70	40	74Z(I)9561 Apr 20, 1974	V-VIS. Sept 19, 1979	" " "
* LIGHT	Cleveland Ledge Channel Range Front Light	41	41	70	40	74Z(I)9561 Apr 20, 1974	V-VIS Sept 19, 1979	" " "
** DAYBEACON	Gibbs Rock Daybeacon							13236
*	These positions are from Mr. Kelly of 1st District USCG, Boston							
**	Area, position acquired on May 4, 1978							
**	This is a private seasonal aid. There is no position for it other than that indicated on chart							
	(Not indicated on manuscript.)							

TYPE OF ACTION	RESPONSIBLE PERSONNEL NAME	ORIGINATOR
OBJECTS INSPECTED FROM SEAWARD	R. S. 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. S. TIBBETTS  J. D. RODERICK	FIELD ACTIVITY REPRESENTATIVE  OFFICE ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES		<input type="checkbox"/> REVIEWER <input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE
<b>INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'</b> (Consult Photogrammetric Instructions No. 64.)		
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<b>FIELD</b> <b>I. NEW POSITION DETERMINED OR VERIFIED</b> 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 - 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	<b>II. TRIANGULATION STATION RECOVERED</b> 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  <b>III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH</b> Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75	
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