#### NOAA FORM 76-35 (6-80)

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

# DESCRIPTIVE REPORT

Map No.	Edition No.
TP-00768	1
Job No.	
CM-7407	
Map Classification	
FINAL, FIELD EDITED MAP	
Type of Survey	<u> </u>
SHORELINE	
LOCALITY	<u> </u>
State	
MASSACHUSETTS	
General Locality	
BUZZARDS BAY	
Locality	
NASKETUCKET BAY	
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19 <sub>74</sub> TO 19	, I
1774 10 17	77
REGISTERED IN AI	RCHIVES
DATE	

NOAA FORM 76-36A (3-72) NATIONA	U. S. DEPARTMENT OF COMMERCE L OCEANIC AND ATMOSPHERIC ADMIN.	TYPE OF SURVEY	SURVEY	тр. 00768
•		ORIGINAL :	MAP EDIT	ion no. (1)
DESCRIPTIVE RE	EPORT - DATA RECORD	RESURVEY	MAP CLAS	s FINAL
	•	REVISED	JOB	<b>¥к.</b> <u>СМ-7407</u>
PHOTOGRAMMETRIC OFFICE		LAST PRECEED	ING MAP EDI	TIÓN
Coastal Mapping Unit		TYPE OF SURVEY		PH
Atlantic Marine Cent	ter	☐ ORIGINAL		S
OFFICER-IN-CHARGE		RESURVEY	SURVEY D	
Jeffrey G. Carlen, (	~D₽	REVISED	19T0 1	9
i, INSTRUCTIONS DATED	, OFFICE	T	FIELD	
	OFFICE	2.	FIELD	
Aerotriangulation	March 20, 1975	Horizontal Contro	ol Jan	uary 30, 1974
Compilation	April 17, 1975	(Premarking)		
Memo	November 12, 1975	Amendment I	M	arch 08, 1974
Amendment PH-6311	November 14, 1975			
Supplement I	December 04, 1975			
Supplement II	July 19, 1976			
II. DATUMS				
I. HORIZONTAL:	1927 NORTH AMERICAN	OTHER (Specify)		
I. HOMIZONTAE.	TATAL TATAL THE SAME RICKIN			
	X MEAN HIGH-WATER	OTHER (Specify)		
2. VERTICAL:	MEAN LOW-WATER	İ		
	MEAN LOWER LOW-WATER			
3. MAP PROJECTION	MEAN SEA LEVEL			
3. MAP PROJECTION		STATE	GRID(S)	
Lambert Conformal		Massachusetts	Main	land
5. SCALE 1:10,000	•	STATE	ZONE	
III. HISTORY OF OFFICE OPER	RATIONS			<del></del>
OP	ERATIONS	NAME		DATE
1. AEROTRIANGULATION	BY	M. McGinley		April 1975
метнор: Analytic	LANDMARKS AND AIDS BY	•		
2. CONTROL AND BRIDGE POI	NTS PLOTTED BY	R. Robertson		April 1975
метнор: Calcomp	CHECKED BY	R. Robertson		April 1975
3. STEREOSCOPIC INSTRUMEN	IT PLANIMETRY BY	L. Neterer		Feb. 1976
COMPILATION'	CHECKED BY	A. Rauck		Feb. 1976
INSTRUMENT: Wild B-8	CONTOURS BY	N.A.		
SCALE: 1:10,000	CHECKED BY	N.A.		
4. MANUSCRIPT DELINEATION	PLANIMETRY BY	F. Mauldin		March 1976
	CHECKED BY	A. Shands		March 1976
METHOD: Smooth d	rafted CONTOURS BY	N. A.		
	CHECKED BY	N. A.		1, 1, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,
SCALE: 1:10,000		F. Mauldin		March 1976
	CHECKED BY	A. Shands		March 1976
5. OFFICE INSPECTION PRIOR	•	A. Shands		March 1976
6. APPLICATION OF FIELD ED		I. Perkinson		March 1980
7 001011 101111	CHECKED BY	F. Margiotta	· ·	May 1980
7. COMPILATION SECTION REV		F. Margiotta J. Hancock		May 1980 Dec. 1984
8. FINAL REVIEW 9. DATA FORWARDED TO PHO	TOGRAMMETRIC BRANCH BY	J. Hancock		Feb. 1985
10. DATA FORWARDED TO PHO		J. Schad		march 1985
11. MAP REGISTERED - COASTA	1.1.1	R. Kornspan		April 1985

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
TP-00768
NATIONAL OCEAN SURVEY

		COM	PILATION	200KCE2		İ
1. COMPILATION PH	OTOGRAPHY				· · · · · · · · · · · · · · · · · · ·	
CAMERA(S) E=152. Wild RC-8"E",	71mm, C=8 RC-10"C",	8.47mm, Z=153 RC-10"Z"	.14mm PES	OF PHOTOGRAPHY LEGEND	TIM	AE REFERENCE
TIDE STAGE REFERE PREDICTED TIDE REFERENCE STA	S TION RECORDS		(C) COLO (P) PANC (I) INFR	HROMATIC	ZONE Eastern MERIDIAN	X\$TANDARD:
NUMBER AND		DATE	TIME	SCALE	75th	TAGE OF TIDE
74C(C)9469 7 74E(C)6983-698 74E(C)4748-475 74Z(I)9591-959 74Z(I)9566-957 74E(C)4833-483	36	Apr.18,1974 Oct.18,1974 Apr.18,1974 Apr.20,1974 Apr.20,1974 Apr.20,1974	10:16 12:13 11:11 13:14 12:50 12:50	1:60,000 1:15,000 1:30,000 1:30,000 1:30,000 1:30,000	0.2 ft. 1.9 ft. 0.4 ft. 0.18 ft 0.03 ft	above MLW *** above MLW * above MLW * . above MLW ** . above MLW ** . above MLW **
2. SOURCE OF MEAN	ng photog NHIGH-WATER ean high w	raphs.	compile	d from the ab		raphs at MLW.
3. SOURCE OF MEAN						
		ter line was o	compiled	graphically	from the ti	de coordinated
4. CONTEMPORARY	HYDROGRAPH	C SURVEYS (List on	ly those surv	eys that are sources f	or photogrammetric	survey information.)
SURVEY NUMBER	field su		rused s istered	URVEY NUMBER	DATE(S)	SURVEY COPY USED
н-9644	Sept. 19	76 copy				
5. FINAL JUNCTION NORTH		AST	T <sub>e</sub>	OUTH	Lweet	TP-00767
TP-00763	5	TP-00769	5			00695 (1:5,000 ins
REMARKS Inset	-	695 lies part	ially wi	No survey thin the limi		
	TP-00	_	-			

NOAA	FORM	76-36C
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1/3-72	١	

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

TP-00768

		HES	TORY OF FIELD	OPERATIONS				:
1. 🔀 FIELD INSP	ECTION OPER	ATION (Prema	rking)	D EDIT OPERATION				
	OPE	RATION			NAME		DATE	
1. CHIEF OF FIEL	LD PARTY			R. Tibbetts		April 1	l974	
			RECOVERED BY	R. Tibbetts			April 1	1974
2. HORIZONTAL C	CONTROL		ESTABLISHED BY	None				
		PRE-MARKED	OR IDENTIFIED BY	L. Davis			April ]	L974
_			RECOVERED BY	None	·			
3. VERTICAL CON	1TROL		ESTABLISHED BY	None				
		PRE-MARKED	OR IDENTIFIED BY	None				
		COVERED (Triang	gulation Stations) BY	R. Tibbetts			April 1	1974
4. LANDMARKS AT AIDS TO NAVIG		LOCATED	(Field Methods) BY	None				
		TYPE OF IN	IDENTIFIED BY	None			<del>-</del>	
		COMPL						
5. GEOGRAPHIC N INVESTIGATION		=	IC NAMES ONLY					
		_	ESTIGATION			1		
6. PHOTO INSPEC	TION.			None		-		
7. BOUNDARIES A	<del></del>		ON OF DETAILS BY OR IDENTIFIED BY	None N. A.		<del></del>		
II. SOURCE DATA		SORVETED	OR IDENTIFIED BY	μ. Α.				
1. HORIZONTAL C		TIFIED		2. VERTICAL CO	NTROL IDE	ITIFIED		
Paneled				None				
PHOTO NUMBER		STATION NA	———	PHOTO NUMBER	5	TATION DESIG	NATION	
THO TO NO MOUNT		377711311111		11010101010		<u> </u>		
74C(C)9468	WALCOTT,	USE 193 <b>4</b>						
	(Sub. Pt	. paneled)						
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				Į.				
				<u> </u>				
3. PHOTO NUMBE	RS (Clarificatio	n of details)						
None	<del></del>							
4. LANDMARKS A	ND AIDS TO NA	VIGATION IDEN	TIFIED					
<b>&gt;</b> 7								
None		·		<del></del>				
PHOTO NUMBER	<del></del>	OBJECT NA	ИЕ	PHOTO NUMBER	<u> </u>	OBJECT N	AME.	
	İ							
5. GEOGRAPHIC N	NAMES: [	REPORT	X NONE	6. BOUNDARY AN	ID LIMITS:	REPORT	г [Х] но	NE NE
7. SUPPLEMENTA				12. 22. 23. 24.				
None								
8. OTHER FIELD	RECORDS (Skel	ch books, etc. DO	NOT list data submi	tted to the Geodesy D	ivision)			
2 Forms	76-53							

NOAA FORM 76-36C (3-72)		mp 00740	NATIONAL OCEA	NIC AND ATMOSPHERIC						
ı		TP-00768								
		HISTORY OF FIELD								
I. THELD INSPE	CTION OPERA		EDIT OPERATION							
	OPER	ATION		NAME	DATE					
1. CHIEF OF FIELD	PARTY		R. S. Tibets		May 1976					
		RECOVERED BY	L: Dàvis		May 1976					
2. HORIZONTAL CO	DNTROL	ESTABLISHED BY	None		ļ					
		PRE-MARKED OR IDENTIFIED BY	None							
3. VERTICAL CONT	TBOL	RECOVERED BY	None None		<u>.</u>					
J. VERTICAL CONT	. ROL	ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	None		<u> </u>					
	Bes	<del></del>	L.:Davis	<u> </u>						
4. LANDMARKS ANI		OVERED (Triangulation Stations) BY  LOCATED (Field Methods) BY	None		-					
AIDS TO NAVIGA		IDENTIFIED BY	None		, ,					
		TYPE OF INVESTIGATION								
5. GEOGRAPHIC NA	AMES	COMPLETE								
INVESTIGATION		SPECIFIC NAMES ONLY	1							
<u> </u>		X NO INVESTIGATION	None							
6. PHOTO INSPECT	ION	CLARIFICATION OF DETAILS BY	R. Tibbetts		May 1976					
7. BOUNDARIES AN	ID LIMITS	SURVEYED OR IDENTIFIED BY	N.A.							
II. SOURCE DATA										
1. HORIZONTAL CO	•	IFIED		TROL IDENTIFIED						
None	e		None	<del> </del>						
PHOTO NUMBER		STATION NAME	PHOTO NUMBER	STATION DESI	GNATION					
				13 13 13 13 14						
3, PHOTO NUMBER	S (Clarification	of details)			<u>.</u>					
74E(C)4833-	-4835, 474	8, 4749, 4788 (Black/wh	ite, 1:10,000	O scale ratios.	)					
74E(C)6983	(Black/wh	ite, 1:5,000 scale rati	.o)							
4. LANDMARKS AN	D AIDS TO NAV	IGATION IDENTIFIED								
Nor	ne	······································	· <del>y</del>							
PHOTO NUMBER	<del>-</del>	OBJECT NAME	PHOTO NUMBER	OBJECT	IAME					
					·					
5. GEOGRAPHIC NA	AMES:	REPORT X NONE	6. BOUNDARY AN	D LIMITS: REPOR	T X NONE					
7. SUPPLEMENTAL	. MAPS AND PL	ANS								
Non	ıe									
		h books, etc. DO NOT list data submit	ted to the Geodesy D	tvision)						
Non	16									

			30
OAA FORM 76-36C 3-72)	00760	NATIONAL OCEANIC AND A	
	TP+00768 HISTORY OF FIELD		NATIONAL OCEAN SUR
FIELD INSPECTION OP	ERATION X FIEL	D EDIT OPERATION (Supp.	lemental)
0	PERATION	NAME _	DATE
, CHIEF OF FIELD PARTY	•	S = 21.1 14.1 1	
		R. Tibbetts:	July 197
. HORIZONTAL CONTROL	RECOVERED BY	None	July 19
HORIZONIAL CONTROL	ESTABLISHED BY	None	
	RECOVERED BY	None	
VERTICAL CONTROL	ESTABLISHED BY	None	
TENTIONE CONTINOE	PRE-MARKED OR IDENTIFIED BY	None	
		R. Tibbetts	July 197
LANDMARKS AND	RECOVERED (Triangulation Stations) BY	None	
AIDS TO NAVIGATION	LOCATED (Field Methods) BY	None	
<del></del>	TYPE OF INVESTIGATION	None	<del></del> _
GEOGRAPHIC NAMES	COMPLETE		
INVESTIGATION	SPECIFIC NAMES ONLY		
	NO INVESTIGATION	None	
PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	L. H. Davis	July 197
BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	N. A.	ouly 19.
SOURCE DATA	SORVETED OR IDENTIFIED BY	N. A.	<del> </del>
HORIZONTAL CONTROL ID	ENTIFIED	2. VERTICAL CONTROL IDE	NTIFIED
None		None	
-ното NUMBER	ST A TION: N AME		STATION DESIGNATION
-HOTO NOMBER	31 A HOW HAME	THO TO MOMBER	7777011 0 2010112 11011
		1	
		1	
		1	
PHOTO NUMBERS (Clarifica	etion of details)	-	
7/10/7/23/ //235	(Black/white 1:10,000 sca	ala matica)	
/4E(C)4034, 4033	(black/while 1:10,000 sca	ile ratios;	
. LANDMARKS AND AIDS TO	NAVIGATION IDENTIFIED		
None			
None		<u> </u>	
HOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
		<b>,</b>	
		<u> </u>	
		<b>!</b>	
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CEOCO			
GEOGRAPHIC NAMES:	REPORT X NONE	6. BOUNDARY AND LIMITS:	REPORT X NON
SUPPLEMENTAL MAPS AN	U FLANS		
None			
	iketch books, etc. DO NOT list data submit	under the formation and the second	4.

2 Field edit paper prints

2 pages of fix data for "Little Black Rock"

(3 Forms 76-40 submitted by same field party Sept. 1979)

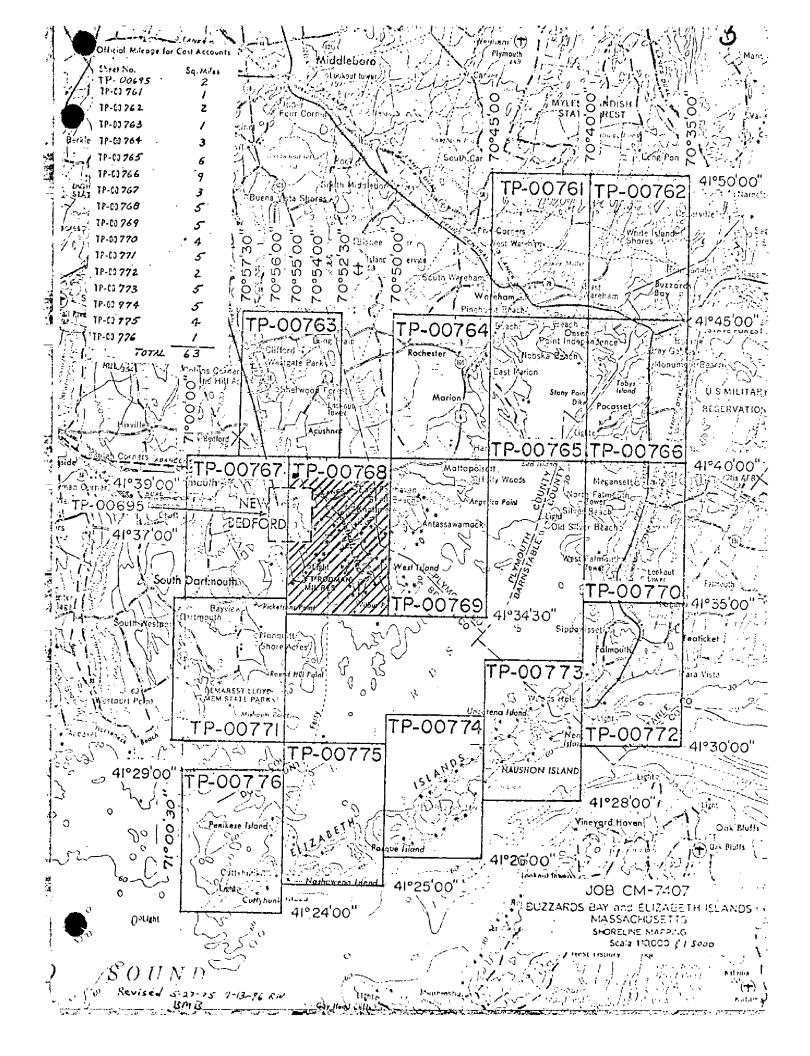
NOAA FORM 76-36D

(3-72)

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

# TP-00768 RECORD OF SURVEY USE

			KD OI SORTE		_				
I. MANUSC	RIPT COPIES								
	Co	MPILATION STAGE	s			DATE MA	NUSCRI	PT FORWARDED	
	ATA COMPILED	DATE	RE	MARKS		MARINE CH	IARTS	HYDRO SUPPORT	
	tion complete, field edit.	March 1976	Class III Supersede		ript	July 19	976	April 1976	
ſ	dit applied tion complete	May 1980	Class I N Supersede		pt´	May 198	30	May 1980	
Final R	eview	Dec. 1984	Final Mag	o ´	_	march	1985	March 1985	
		· ,							
	ARKS AND AIDS TO NAVIGA				-			_	
1. REPO	ORTS TO MARINE CHART D	VISION, NAUTICAL	DATA BRANCH					t.	
(pages	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED			REM	ARK5		<u> </u>	
1		May 1980	Landmarks	to be cl	narted			···	
1		May 1980	Aids to be	e charted	1				
11		May 1980	Aids to be	<u>deletèd</u>				_ <del></del>	
				<del></del> _		. <del></del>			
	REPORT TO MARINE CHARY REPORT TO AERONAUTICA						RDED:		
	AL RECORDS CENTER DAT								
2. 🔀 9 3. 🛣 9	BRIDGING PHOTOGRAPHS; CONTROL STATION IDENTI SOURCE DATA (except for G ACCOUNT FOR EXCEPTION	FICATION CARDS; cographic Names Re IS:	pport) AS LISTED	S Жержены	TIED BY	FIELD PAR	CITES.		
TTT BURYE	Y EDITIONS (This section s	JOB NUMBE		p avicion is re		TYPE OF SU	RVEY	<u> </u>	
SECOND	TP	(2) PH			RE		RES	JRVEY	
EDITION	DATE OF PHOTOGRAP	DATE OF F	ELD EDIT	] □11.	□ıæ.	MAP CLA	iss □v.	FINAL	
	SURVEY NUMBER	JOB NUMBE	R			YPE OF SU			
THIRD	TP	(3) PH			REV	ISED	RES	JRVEY	
EDITION	DATE OF PHOTOGRAPH	DATE OF F	ELD EDIT	<b>□</b> 11.	<u>□</u> m.	MAP CLA	ss □v.	FINAL	
	SURVEY NUMBER	JOB NUMBE	R		_	YPE OF SU			
FOURTH		_ (4) PH		[	REV	ISED	RESU	RVÉY	
EDITION	DATE OF PHOTOGRAPH	IY DATE OF FI	ELD EDIT	□ıı.	<b>□</b>	MAP CLA	ss □v.	☐FINAL	



# SUMMARY TO ACCOMPANY DESCRIPTIVE REPORT

#### TP-00768

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 shoreline along the northern coast of Buzzards Bay from Clarks Point to Nasketucket Bay.

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 "Z" 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 1:15,000 scale compilation photos taken October 1974. Additional photography 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 March 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-9628 and H-9644. Although both surveys were physically accomplished, only H-9644 was processed, but is currently unregistered. A comparison with H-9644 did not reveal any significant shoreline discrepancies.

#### TP-00768

Field edit was conducted May 1976 and July 1977 by coastal mapping field personnel. Additional field data concerning landmarks and fixed navigational aids were collected September 1979. Application of all edit data was accomplished at the original compilation office May 1980 and the manuscript was advanced to Class I. Copies of the Class I manuscript were forwarded to the Hydrographic Surveys Branch and the Marine Charts Branch.

Final review was performed at the Atlantic Marine Center in December 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-00768

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 Identifiecation 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.

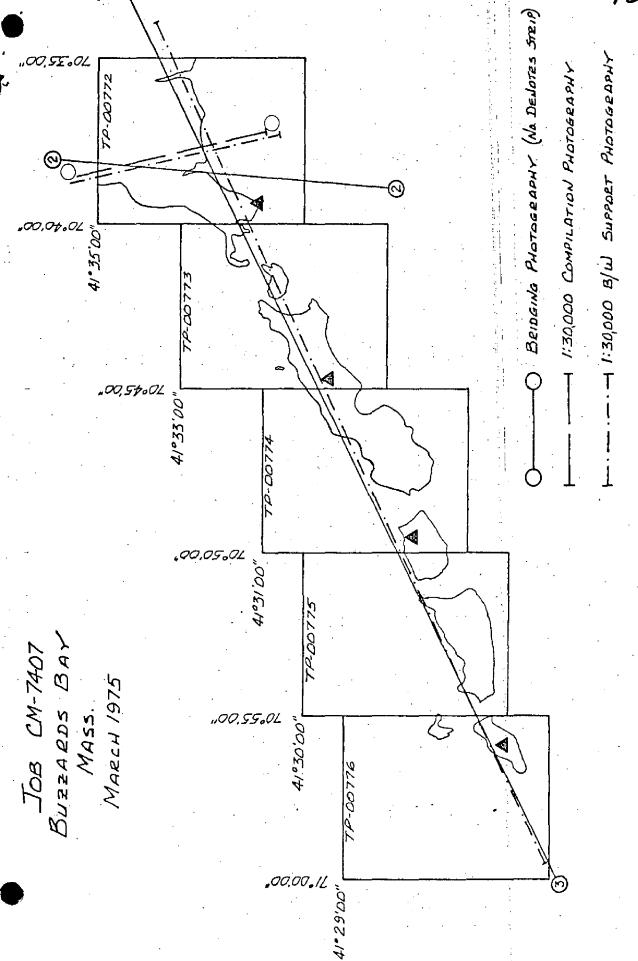
Submitted by:

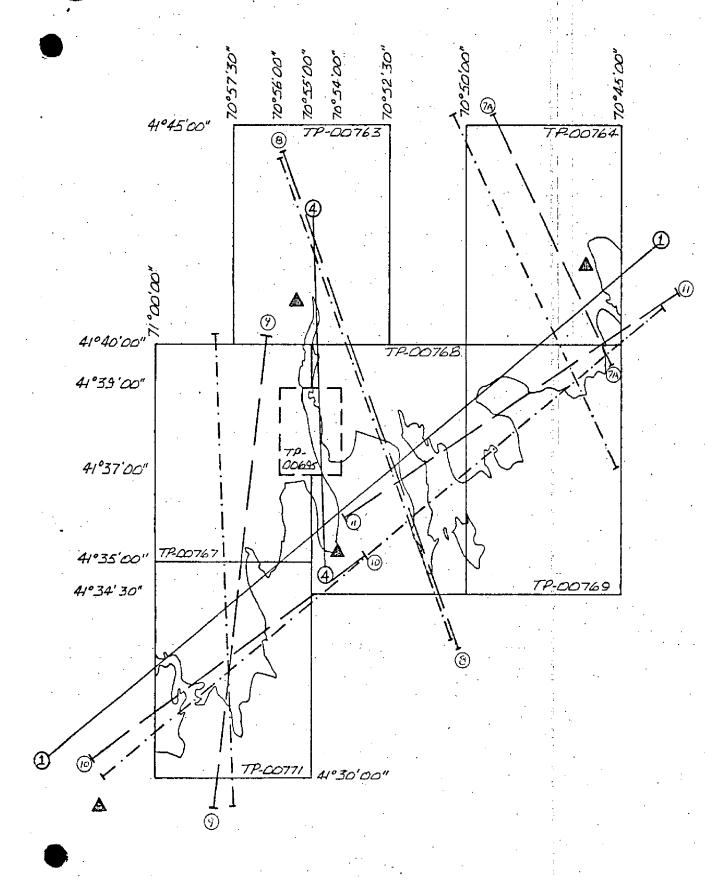
Michael L. McGinley

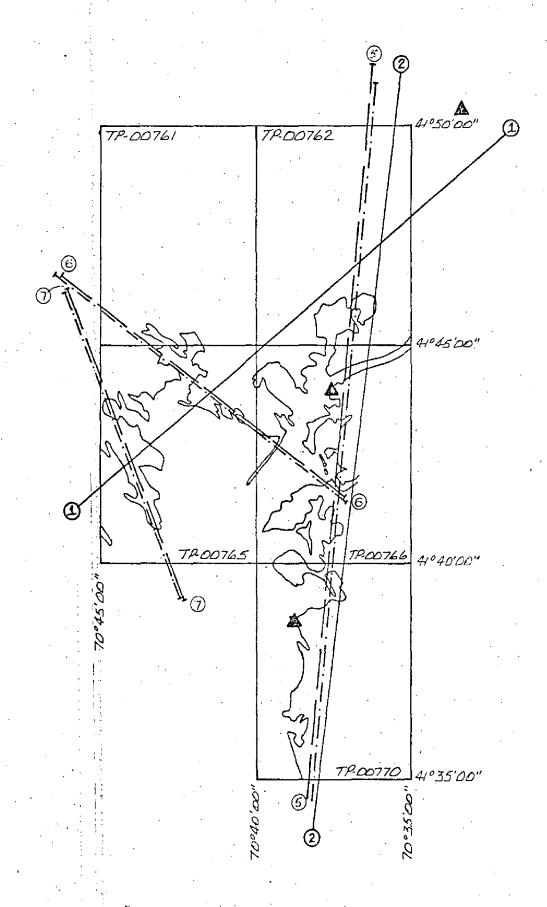
Approved by:

ohn D. Perrow, Jr.

Chief, Aerotriangulation Section







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Mark 10	NOAA FORM 76-41 (6-75)		DESCRIPTIV	SCRIPTIVE REPORT CONTROL RECORD	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION DRD	U.S. DEPARTMEN D ATMOSPHERIC	T OF COMMERCE IDMINISTRATION
STATION NAME	MAP NO.	JOB NO.		GEODETIC DATUM		TIVITY Coast	
100 HAME   Hacoure Dr.   Accounted to the control of LATITION	TP-00768	CM-74(	27	A.	Unit, Atlan	ntic Marine	
TOW NAME   NATE   NATE   NATE   NAME		30 30 <b>3</b> 100	AEROTRI-	COORDINATES IN FEET			
Name	STATION NAME	INFORMATION	ANGULATION	STATE		 R	MARKS
Name		(xepul)	NUMBER	ZONE		FORWAR	
1,		Vol.		χ=	41		1727.4
Sample   S	01	318		=fi	70	988.6	400.2
1902   Pg. 316   March   Mar	אָראָר אַר אָר אָר אָר אָר אָר אָר אָר אָר אָר אָ			<i>=</i>	41 <sup>0</sup> 36'13.	409.9	1441.2
Pg. 319   Rg   Rg   Rg   Rg   Rg   Rg   Rg   R		316		=ĥ	70053		416.6
Pg. 319   Pg. 109.   A 70°5312.307"   284.8   1103.8     C.P. Vol.   Pg. 320   A 70°50 08.383"   194.1   1194.9     Soc. Roll   Pg. 320   A 70°50 08.383"   194.1   1194.9     Soc. Roll   Ref.   A 70°50 08.383"   194.1   1194.9     Soc. Roll   Ref.   A 70°50 08.383"   194.1   1194.9     May	FAIRHAVEN WATER			zχ	41 <sup>0</sup> 38'30.		917.8
C. P. Vol. 1         X=         \$ 41°37127.386"         845.2 1005.9           Pg. 320         Y=         \$ 70°50.08.383"         194.1 1194.9           Section         X=         \$ 41°34'37.309"         1151.0 700.0           Section         X=         \$ 41°34'37.324"         862.5 527.0           Pg. 317         X=         \$ 41°34'34'37.344"         862.5 527.0           Pg. 312         X=         \$ 41°34'34'30.951"         1263.4 587.7           Pg. 317         X=         \$ 41°34'34'30.951"         1263.4 587.7           Pg. 317         X=         \$ 41°35'37'389"         1153.5 697.6           Pg. 317         X=         \$ 41°35'37'389"         1153.5 697.6           Pg. 40         X=         \$ 41°35'37'389"         120.1 1269'6           Pg. 324         X=         \$ 41°35'37'389"         120.1 1269'6           Pg. 324         X=         \$ 41°35'37'389"         120.1 1269'6           Pg. 324         Pg. 324         Pg. 324         Pg. 324         Pg. 324	TOWER, 1902	319		=ĥ			1103.8
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#### COMPILATION REPORT

#### TP-00768

#### 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 1:15,000 and 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 compilation photographs as described in item #31.

#### 36 - OFFSHORE DETAILS

Several rocks and rock islands were located offshore during instrument compilation. These are not considered complete, therefore, the hydrographer and field editor have been asked to investigate several charted features not visible on the photography.

#### 37 - LANDMARKS AND AIDS

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

#### TP-00768

#### 38 - CONTROL FOR FUTURE SURVEYS

None.

#### 39 - JUNCTIONS

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

#### 40 - HORIZONTAL AND VERTICAL ACCURACY

Refer to the Photogrammetric Plot Report dated April 1975.

#### 46 - COMPARISON WITH EXISTING MAPS

A comparison has been made with the following U.S. Geological Survey Quadrangles: New Bedford North, Mass., scale 1:24,000, dated 1964; New Bedford South, Mass., scale 1:24,000, dated 1963; Sconticut Neck, Mass., scale 1:24,000, dated 1962; and Marion, Mass., scale 1:24,000, dated 1962.

#### 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; and 13230, scale 1:40,000, 26th edition, dated November 2, 1974.

#### ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

#### ITEMS TO BE CARRIED FORWARD

None.

Submitted by.

Fay Mauldin Cartographer March 25, 1976

Approved,

Jeny 1. Hansoch for Albert C. Rauck, Jr.

Chief, Coastal Mapping Section

#### ADDENDUM TO THE COMPILATION REPORT

TP-00768

#### FIELD EDIT

The original field edit was accomplished by coastal mapping field personnel May 1976. Additional edit data involving shoreline verification was collected July 1977 and landmark/navigational aid information was verified September 1979.

The July 1977 edit indicated in the report that one aid to navigation (traffic light) was located at Clarks Point. The editor did not submit adequate data to locate this feature. There is no record of an aid at Clarks Point in either the 1979 or 1980 Light List.

## GEOGRAPHIC NAMES

#### FINAL NAME SHEET

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

#### TP-00768

Acushnet River Angelica Rock Black Rock Butler Flats Buzzards Bay Clarks Cove Clarks Point Fairhaven Fish Island Harbor View -Knollmere Little Bay Little Black Rock Long Island Nasketucket Bay Nasketucket River

New Bedford
North Cove
North Fairhaven
Oxford
Pea Island
Pope Beach (locality)
Puppy Rocks
Round Cove
Round Island
Sconticut Neck
Shaws Cove
Silver Shell Beach (locality)
Wards Rock
West Island
White Rock
Wilbur Point

Approved by:

Charles E. Harrington Chief Geographer

Nautical Charting Division

# FIELD EDIT REPORT BUZZARDS BAY AND ELIZABETH ISLANDS MASSACHUSETTS JOB CM-7407 MAP TP-00768

## 51. METHODS

The shoreline was inspected by truck, boat and by walking.

## 52. AMEQUACY OF COMPILATION

Compilation was adequate. The map was accepted as compiled. No significant shoreline changes were noted during field edit. A large number of rocks were located on photography, date, height, and time were noted. Little Black Rock was located by three point fix due to the lack of photo coverage.

#### 54. RECOMMENDATIONS

None

## 55. EXAMINATION OF PROOF COPY

Geographic Names.

The specific name which was requested was checked and recorded on Field Edit Ozalid.

#### 56. LANDMARKS AND NON-FLOATING AIDS FOR NAVIGATION

One aid to navigation was located on Clark's Point.

## 57. ROCKS, REEFS AND SHOALS

There are numerous rocks on Map TP-00768 which were located on photography or verified on Field Edit Ozalid. The Hydrographer was asked to locate a large number of rocks and shoal areas.

#### 58. PHOTOGRAPHY

Photography was adequate for field edit.

Lawrence H. Davis Surveying Tech. July 1977

#### REVIEW REPORT TP-00768 SHORELEINE

#### 61. GENERAL STATEMENT

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

#### COMPARISON WITH MAPS OF OTHER AGENCIES 63.

A comparison was made with the following 1:24,000 scale U.S. Geological Survey quadrangles: Sconticut Neck, Mass., dated 1962; Marion, Mass., dated 1962; New Bedford North, Mass., dated 1964; and New Bedford South, Mass., dated 1963.

#### 64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Contemporary hydrographic activity common to this map was assigned as hydro surveys H-9628 and H-9644. Both surveys were physically accomplished; however, the field data for H-9628 is currently unprocessed and the completion date is unscheduled. A comparison was made with an unregistered copy of H-9644, field surveyed September 1976, 1:10,000 scale. Only a small portion of the hydro survey, in the vicinity of Clarks Cove, is common to this shoreline map. No significant differences were noted.

#### COMPARISON WITH NAUTICAL CHARTS 65.

A comparison was made with the following NOS Charts: 13229, 20th edition, 1:40,000 scale (1:20,000 partial inset), 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.

Jenny Harroch Jerry L. Hancock

Final Reviewer

Approved for forwarding,

Billy H. Barn Billy H. Barnes

Chief, Photogrammetric Section, AMC

Chief, Thotogrammetric Section, Rockville

Chief, Photogrammetry Branch, Rockville

Replaces C&GS Form 567.	J	ANDWARKS FOR CHARTS	NATIONAL OCE KS FOR CH	OCEANIC AND	ATMOSPHER	AND ATMOSPHERIC ADMINISTRATION	MINIMALING ACTIVITY  HYDROGRAPHIC PARTY  GEODETIC PARTY  PHOTO FIFT DARTY	PARTY Y Y Pary
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NOAA FORM 76-40 (8-74)

SUPERSEDES NOAA FORM 78-40 (2-7!) WHICH IS OBSOLETE, AND EXISTING STOCK SHOULD BE DESTROYED UPON RECEIPT OF REVISION,

☆ V. S. GPO:1975-0~865-080/1155



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NOAA FORM 76-40 (8-74)

SUPERSEDES NOAA FORM 76-40 (2-71) WHICH IS OBSOLETE, AND EXISTING STOCK SHOULD BE DESTROYED UPON RECEIPT OF REVISION.

常 U.S.GPO:1975-0-865-080/1155

HYDROGRAPHIC PARTY

GEODETIC PARTY

RICHATO FIELD PARTY

COMPILATION ACTIVITY

OUALITY CONTROL & REVIEW GRP. (See reversa for responsible personnel) AFFECTED CHARTS 114SC 249 30,63 ORIGINATING ACTIVITY = Sept 1979 Sept 1979 METHOD AND DATE OF LOCATION (See Instructions on reverse side) V-VIS V-VIS FIELD Feb 1,80Apr 18, 1974 April 20, 74 U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION 74E(C)4749 -74E(C)4833 DATE OFFICE been inspected from seaward to determine their value as landmarks. SURVEY NUMBER DATUM D.P. Meters 42.0 973 46.7 1081. Elizabeth Islands **LONGITUDE** 53 51 Buzzards Bay 1927 ı FOR CHARTS 0 70 70 POSITION 410 -LOCALITY N.A. D.M. Meters 13.3 1263 .. 41.0 LATITUDE 34 -36 Massachusetts; ٥ 41 Show triangulation station names, where applicable, in parentheses) DESCRIPTION (Record reason for deletion of landmark or aid to navigation. STATE TP-00768 NONFLOATING AIDS Butler Flat Light. (Butler Flats Lighthouse 1902) REPORTING UNIT (Field Park, Ship or Office) Coastal Mapping Div. JAYBEACON Black Rock Beacon, 1934) AMC Norfolk, VA HAVE T HAVE NOT CM-7407 JOB NUMBER Replaces C&GS Form 567. The following objects X TO BE CHARTED TO BE DELETED TO BE REVISED OPR PROJECT NO. NOAA FORM 76-40 503 CHARTING NAME LIGHT

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TYPE OF ACTION	NAME		ORIGINATOR
OBJECTS INSPECTED FROM SEAWARD			X PHOTO FIELD PARTY HYDROGRAPHIC PARTY
	R. S. TIBB	TIBBETTS	GEODETIC PARTY OTHER (Specify)
FINAL TONS DETERMINED AND/OR VERIFIED	R. S. TIBB	TIBBETTS	FIELD ACTIVITY REPRESENTATIVE
	I. PERKINSON	ON .	OFFICE ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL  AND REVIEW GROUP AND FINAL REVIEW			CHALITY CONTROL AND REVIEW GROLD
ACTIVITIES			REPRESENTATIVE
	NSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF (Consult Photogrammetric Instructions No. 64,	METHOD AND DATE OF LOCATION'	
OFFICE  1. OFFICE IDENTIFIED AND LOCATED OBJECTS	TED OBJECTS	FIELD (Cont'd)  B. Photogrammetric fie	field positions** require
e number year) o	and date (including month, f the photograph used to	entry o	f method of location or verification, field work and number of the photo-
identify and locate the the EXAMPLE: 75E(C)6042	¢bject.	e e e	to locate or identify the object. 3-8-V 3-12-75 741(C)2982
+ he applicable	n D	II. TRIANGULATION STATION RECOVERED	3
Pilcable V	- Photogrammetric /is - Visually	enumers or on station th date of	recovered, enter 'Triang.
1 - Triangulation 5 - Fi 2 - Traverse 6 - Th	Field identified	8-12-75	•
tion 7 - n 8 -	Planetable Sextant	+	VERIFIED VISUALLY ON PHOTOGRAPH Vis.' and date.
sitions*	require entry of method of of field work.	8-12-75	
EXAMPLE: F-2-6-L 8-12-75		**PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control establishe	POSITIONS are dependent upon control established
*FIELD POSITIONS are determined by field obser-	are determined by field obser-	metric me	ds.
varions based entifely boom o	round survey methods.		

NOAA FORM 76-40 (8-74)

SUPERSEDES NOAA FORM 76-40 (2-71) WHICH IS OBSOLETE, AND EXISTING STOCK SHOULD BE DESTROYED UPON RECEIPT OF REVISION.

\$\tau \c. CPO:1975-0-\$65-080/1155

#### NAUTICAL CHART DIVISION

#### **RECORD OF APPLICATION TO CHARTS**

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO.

#### 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 Rev

CHART	DATE	CARTOGRAPHER	REMARKS
			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
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