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-00762	1
Job No.	
CM-7407	
Map Classification	
FINAL, FIELD EDITED MAP	
Type of Survey	
SHORELINE	
LOCALIT	Y
State	
MASSACHUSETTS	
General Locality	
BUZZARDS BAY	
Locality	
BUTTERMILK BAY	
1974 TO 19)
17/4 10 17	111
REGISTERED IN A	RCHIVE\$
DATE	
l	

4 F

NOAA FORM 76-36A U. S. DEPARTMENT OF COMMERCE (3-72) NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	TYPE OF SURVEY	SURVEY TP. 00762
	₹ ORIGINAL	MAP EDITION NO. $(.1)$
DESCRIPTIVE REPORT - DATA RECORD	RESURVEY	MAP CLASS FINAL
	REVISED	лов х вик _СМ-7407
PHOTOGRAMMETRIC OFFICE	LAST PRECEED	ING MAP EDITION
Coastal Mapping Unit, Atlantic Marine	TYPE OF SURVEY	JOB PH-
Center, Norfolk, VA	☐ ORIGINAL	MAP CLASS
OFFICER-IN-CHARGE	RESURVEY	SURVEY DATES:
Jeffrey G. Carlen, CDR	REVISED	19TO 19
I. INSTRUCTIONS DATED		
1. OFFICE	2.	FIELD
Aerotriangulation March 20, 1975	Horizontal Contro	ol January 30, 1974
Compilation April 17, 1975	(Premarking)	, ,
Memo November 12, 1975	Amendment I	March 08, 1974
Amendment PH-6311 November 14, 1975		
Supplement I December 04, 1975		
Supplement II July 19, 1976		
II. DATUMS	Indiana de la companya de la company	
1. HORIZONTAL: X 1927 NORTH AMERICAN	OTHER (Specify)	
X MEAN HIGH-WATER	OTHER (Specify)	
Z MEAN LOW-WATER		
MEAN LOWER LOW-WATER		
MEAN SEA LEVEL 3. MAP PROJECTION		
3. MAP PROJECTION	STATE	GRID(S)
Lambert Conformal	Massachusetts	
5. SCALE	STATE	Mainland zone
1:10,000		
III. HISTORY OF OFFICE OPERATIONS		
OPERATIONS	NAME	DATE
I. AEROTRIANGULATION BY	M. McGinley	April 1975
METHOD: Analytic LANDMARKS AND AIDS BY	<u> </u>	
2. CONTROL AND BRIDGE POINTS PLOTTED BY	R. Robertson	April 1975
METHOD: Calcomp CHECKED BY	R. Robertson	April 1975
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY	C. Blood	Jan. 1976
COMPILATION CHECKED BY	A. C. Rauck N.A.	Jan. 1976
INSTRUMENT: Wild B-8 CONTOURS BY SCALE: 1:10,000 CHECKED BY	N.A.	
4. MANUSCRIPT DELINEATION PLANIMETRY BY	Charles Parker	Feb. 1976
CHECKED BY	A. L. Shands	Feb. 1976
CONTOURS BY	N.A.	105. 1570
метноо: Smooth drafted снескер ву	N.A.	
HYDRO SUPPORT DATA BY	Charles Parker	Feb. 1976
SCALE: 1:10,000 CHECKED BY	A. L. Shands	Feb. 1976
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY	A. L. Shands	Feb. 1976
6. APPLICATION OF FIELD EDIT DATA	J. Roderick	Jan. 1978
CHECKED BY	F. Margiotta	Feb. 1978
7. COMPILATION SECTION REVIEW BY	F, Margiotta	Feb. 1978
FINAL REVIEW BY DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY	J. Hancock	Nov. 1984
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY 10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY	J. Hancock J. Schod	Feb. 1985 morch 1985
	12. Kobasaan	100 1 1980

SUPERSEDES FORM C& GS 181 SERIES

NOAA FORM 76-36A

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NOAA FORM 76-36B (3-72)		 -		NATION	AL OCEA		AT MOS F	PHERIC AL	OF COMMERCE
·		CON	TP-007	62 N Sources			N.A	TIONAL	DCEAN SURVEY
		Com		N JOURCES					
1. COMPILATION PHOTO	GRAPHY							•	
CAMERA(S) E=152.71 Wild RC-8"E",RC-	.mm,C=88 ·10"C",R	.47mm,Z=153.1 C-10"Z"	4mm _{TYPE}	OF PHOTOGE LEGEND	RAPHY		ŦΙ Μ Ι	E REFERI	ENCE
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REFERENCE STATIO			(I) INF			MERID			DAYL1GHT
						75th			
NUMBER AND TY	/PE	DATE	TIME	S	CALE		ST.	AGE OF T	1DE
74 C(C) 9480 ⁻		Apr:18,1974	10:3	3 1.6	0,000	0.2	ft.	ahove	MIN***
74 E(C) 4813 -	4814		10:5		0,000	l l		below	
74 Z(I) 9513 -		Apr. 20, 1974	10:5		0,000			below	
REMARKS *Compilat	ion/bri	daing photogr	anhe	**Tide co	ordina	ted ph	otom	canhe s	+ MTM
***Bridging pho			apus.	IIde Co	OLULIIA	aceu pii	otogi	apiis c	ic rugw.
2. SOURCE OF MEAN H	GH-WATER	LINE				_			
2. JOURCE OF MEAN III	IOII-WATER	LINE:							
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	_	ater line was	-		ne abc	ove iis	rea (Combite	16 1011
photographs by stereo instrument methods.									
						•			
									•
3. SOURCE OF MEAN LO	OW-WATER	OR MEAN LOWER LO	W-WATER L	.INE:			•		
** The mean	low wa	ter line was	compile	d graphic	allv f	From th	e tid	le coor	dinated
MLW infrared			0+p0	- 8pc	, -				
THE THE LUICO	phocogr	apmo.							
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4. CONTEMPORARY HY	DROGRAPH	IC SURVEYS (List o	nly those su	rveys that are t	sources lo	t photogram	nmetric	survey inf	ormation.)
SURVEY NUMBER D	ATE(S)	SURVEY COP	Y USED	SURVEY NUM	BER	DATE(S)		SURVEY	COPY USED
						, ,			
E FINAL SUNCTIONS		<u> </u>							
5. FINAL JUNCTIONS NORTH	E	AST		SOUTH			WEST		
No survey		No survey		TP-007	66			? - 00761	
REMARKS		no survey		11-00/	00		1 1	00/01	<u>- </u>
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7 CHOST BUENT	41 41 CO 11 D D 11 11 C				
5. GEOGRAPHIC	NAMES: TREPORT	X NONE	6. BOUNDARY AND LIMITS:	REPORT [NONE
	1		I		

7.	SUPPL	EMENTAL	MAPS	AND	PLANS
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None

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

1-form 152, 1-form 266, 1-form 2690

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

		TP-00762 History of Field	OPERATIONS	NATIONA	AL OCEAN SURVEY
I. TELD INSP	ECTION OPE	RATION XXFIEL	D EDIT OPERATION		
	OP	ERATION		DATE	
1 6005 05 5151	D DARTY				,
t. Chief of Fiel	. CHIEF OF FIELD PARTY			<u> </u>	July 1977
		RECOVERED BY	None		ļ
2. HORIZONTAL C	CONTROL	ESTABLISHED BY	None		
	PRE-MARKED OR IDENTIFIED B		None		
2 VERTICAL CON	ITRAI	RECOVERED BY ESTABLISHED BY	N A		
3. VERTICAL CON	TIROL		N A		
	PRE-MARKED OR IDENTIFIED BY				
4. LANDMARKS A		ECOVERED (Triangulation Stations) BY	None None		
AIDS TO NAVIG		LOCATED (Field Methods) BY IDENTIFIED BY	None		-
		TYPE OF INVESTIGATION	110126		
5. GEOGRAPHIC N	NAMES	COMPLETE			
INVESTIGATION		SPECIFIC NAMES ONLY			
		XNO INVESTIGATION			
6. PHOTO INSPEC	TION	CLARIFICATION OF DETAILS BY	H. Hart		
7. BOUNDARIES A	ND LIMITS	SURVEYED OR IDENTIFIED BY	None		
II. SOURCE DATA					
1. HORIZONTAL C	ONTROL IDE	NTIFIED	2. VERTICAL CON	TROL IDENTIFIED	
None			N A	<u></u>	
PHOTO NUMBER		STATION: NAME	PHOTO NUMBER	STATION DES	IGNATION
3. PHOTO NUMBE	RS (Clarificati	on of details)			
74(C)4813	(Black/W	hite Ratio)			
4. LANDMARKS A	ND AIDS TO N	AVIGATION IDENTIFIED			
N one					
PHOTO NUMBER		OBJECT NAME	PHOTO NUMBER	OBJEÇT	NAME
5. GEOGRAPHIC N	IAMES:	REPORT XXNONE	6. BOUNDARY AND	D LIMITS: REPOR	T X NONE
7. SUPPLEMENTA None	L MAPS AND	PLANS			-
	DECARRE 421	DO NOT			
		etch books, etc. DO NOT list data submit 1 Field edit paper print, 1		ivision)	

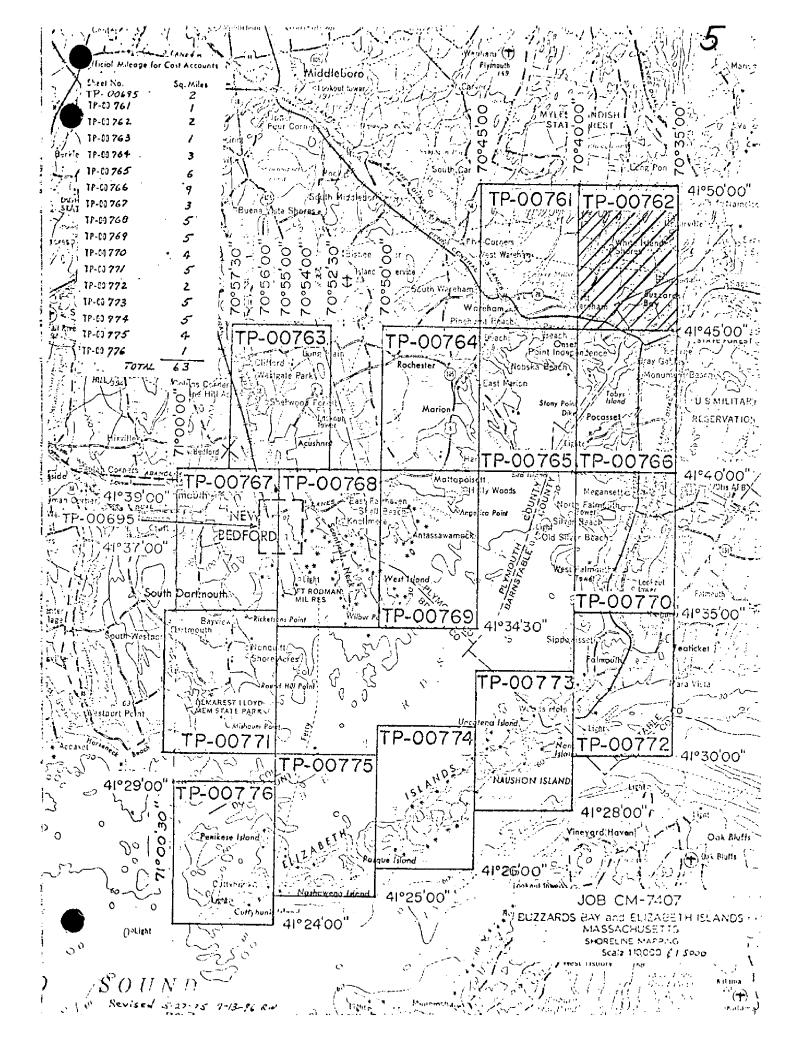
NOAA FORM 76-36D

(3-72)

U. S. DEPARTMENT OF COMMERCE TP-00762

RECORD OF SURVEY USE

I. MANUSC	RIPT COPIES							
	co	MPILATION STAGE	<u> </u>		DATE MANUSCRI	PT FORWARDED		
<u></u>	DATA COMPILED	DATE		MARKS		HYDRO SUPPORT		
	tion complete, field edit	February 1976	B .	manuscrip RSEDED	July 1976	April 1976		
	dit applied, tion complete	February 1978	l .	anuscript RSEDED	February 1978	Tame' March 1978		
Final R	éview	November 1984	Final Map		march 1985	March 1985		
						· · · <u>-</u>		
	ARKS AND AIDS TO NAVIGA							
	ORTS TO MARINE CHART D	IVISION, NAUTICAL	DATA BRANCH					
PAGES	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED		· · · · · ·	REMARKS			
1		May22, 1980	Landmarks	to be cha	arted.			
				· · · · · · · · · · · · · · · · · · ·				
			<u> </u>			-		
	REPORT TO MARINE CHAR							
2. 🗵 3. 🏋	1. X BRIDGING PHOTOGRAPHS; DUPLICATE BRIDGING REPORT; COMPUTER READOUTS. 2. X CONTROL STATION IDENTIFICATION CARDS; FORM NOS SEXSUBMITTED BY FIELD PARTIES. 3. X SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS:							
4 🗆	DATA TO FEDERAL RECO	RDS CENTER. DATI	E FORWARDED:		<u> </u>	_		
IV. SURVE	Y EDITIONS (This section :	hall be completed ea	ch time a new maj	p edition is regi	stered)			
SECOND	TP -	JOB NUMBER (2) PH			TYPE OF SURVEY	URVEY		
EDITION	DATE OF PHOTOGRAP	HY DATE OF FI	ELD EDIT	 □11. [MAPCLASS □iii. □iv. □v.	FINAL		
	SURVEY NUMBER	JOB NUMBER	•		TYPE OF SURVEY			
THIRD	TP	(3) PH		[REVISED RES	URVEY		
EDITION	DATE OF PHOTOGRAPI		ELD EDIT		MAP CLASS □ihi. □iv. □v.	FINAL		
	SURVEY NUMBER	JOB NUMBER	3		TYPE OF SURVEY			
FOURTH	тр	_ (4) PH		[REVISED RES	JRVÉY		
EDITION	DATE OF PHOTOGRAPH	Y DATE OF FI	ELD EDIT	Пи. г	MAP CLASS			



SUMMARY TO ACCOMPANY DESCRIPTIVE REPORT

TP-00762

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 northeast shoreline of Buzzards Bay, featuring Cohasset Narrows and Buttermilk Bay. This map defines the northeast 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 February 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 common to this map, H = 9.712, was field accomplished but is unprocessed and currently in an active status.

TP-00762

Field edit was conducted July 1977 by a photogrammetric field party. Application of this data was accomplished at the original compilation office February 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 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-00762

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.

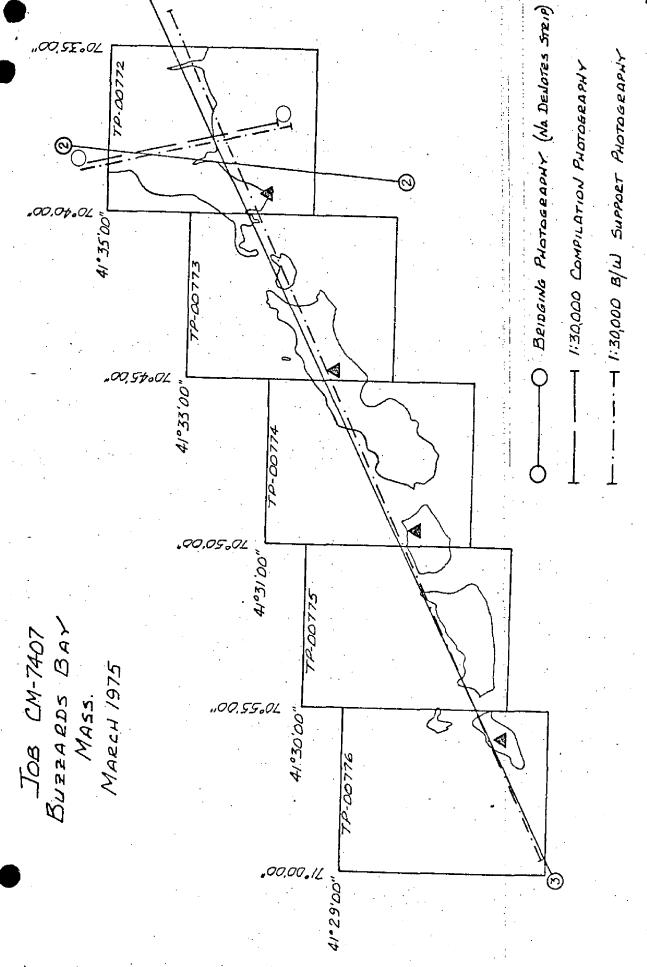
Submitted by:

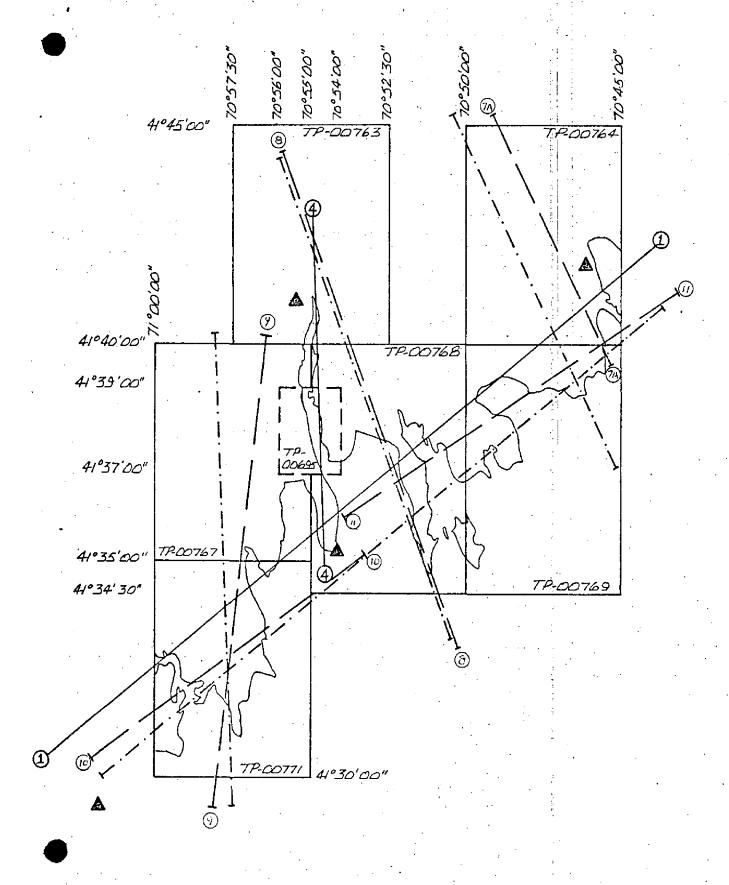
Michael L. McGinley

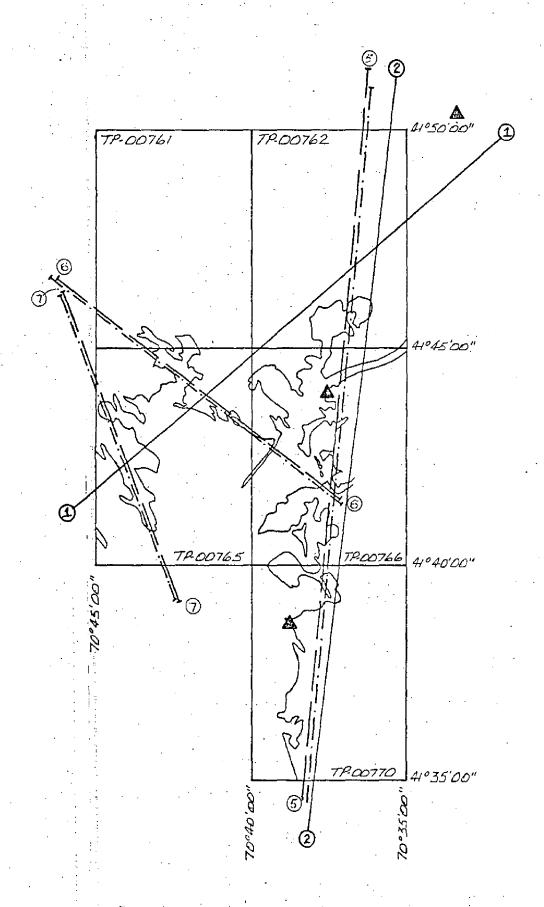
Approved_by

John D. Perrow, Jr.

Chief, Aerotriangulation Section







U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION Coastal Mapping Unit, Atlantic Marine Center, Norfolk, VA REMARKS DATE DATE DATE γ rongitude \$\phi\$ LATITUDE DESCRIPTIVE REPORT CONTROL RECORD ₽ Ф. ⊕ ⊕. ⊕ ⊕. Θ. ~ Θ. \prec zowe Buttermilk Bay srare Massachusetts HAND PLOTTING CHECKED BY COMPUTATION CHECKED BY COORDINATES IN FEET LISTING CHECKED BY N.A. 1927 ۲ ž χ # 'n *** ∺** ı, × η= 'n Z, g. ¥, £ ***** 4= # AEROTRI-ANGULATION POINT NUMBER DATE DATE SOURCE OF INFORMATION (Index) CM-7407 STATION NAME TP-00762 HAND PLOTTING BY NOAA FORM 76-41 (6-75) NONE COMPUTED BY LISTED BY

SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.

COMPILATION REPORT

TP-00762

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 Quadrangles: Sagamore, MA, scale 1:24,000, dated 1967; and Wareham, MA, scale 1:24,000, dated 1972.

47 - COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with the following National Ocean Survey Chart: 13236, 1:20,000 scale, 18th edition, dated October 12, 1974.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Submitted by,

Guy Hamal
Charles Parker

Cartographic Technician February 6, 1976

Approved,

Juny 1. Hamenl Albert C. Rauck, Jr.

Chief, Coastal Mapping Section

ADDENDUM TO THE COMPILATION REPORT

TP-00762

FIELD EDIT

Field edit was accomplished July 1977 by coastal mapping field personnel. Shoreline and marsh limits delineated on the field ratio print were the only significant revisions.

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-00762

Bay Colony (RR)
Broad Cove
Buttermilk Bay
Buzzards Bay
Cohasset Narrows
Gibbs Narrows
Gibbs Neck
Lewis Point
Little Buttermilk Bay
Long Neck
Miller Cove
Muddy Cove
Queen Sewell Cove
Red Brook
Riverside

Approved by:

Charles E. Harrington Chief Geographer

Chief Geographer Nautical Charting Division Field Edit Report

Job CM - 7407

Buzzard's Bay, Massachusettes

TP-00762 Buttermilk Bay

This sheet was field edited during the 1977 summer season.

- 51. ADEQUACY OF COMPILATION The compilation on this sheet was found to be correct with very minor changes necessary.
- 52. ALONGSHORE FEATURES All shoreline was inspected from seaward and all questions were answered and noted on the Field Edit Ozalid. Rock data was recorded on photograph 74E 4813. The shoreline, MHWL, MLWL are correct.
- 57. OFFSHORE FEATURES The shallow limits are correctly delineated. The entire bay bottom is covered in grass with the exception of the channel which appears to skirt the south shore eastward and north around the bay.
- 58. LANDMARKS AND AIDS There were no permanent aids found. The landmarks were recovered in the field and are submitted on form 76-40.
- 59. GENERAL STATEMENT All field edit notes have been made in violet ink on both the Field Edit Ozalid and the photograph used.

Howard V. Hart Jr. Surveying Technician

1 Journal V. Hand &

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REVIEW REPORT TP-00762 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.

COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS 62.

None.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

A comparison was made with the following 1:24,000 scale U.S. Geological Survey quadrangles: Wareham, MA, dated 1972; and Sagamore, MA, dated 1967.

COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS 64.

Contemporary hydrographic activity common to this map was assigned as hydro survey H-9712. This survey was physically accomplished; however, the field data is currently unprocessed and a completion date is unscheduled.

65. COMPARISON WITH NAUTICAL CHARTS

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

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, Jew J. Harcock Jerry L. Hancock

Approved for forwarding,

Billy H. Barnes

Chief, Photogrammetric Section

Chief Photogrammetric Section, Rockville Chief, Photogrammetry Branch,

Rockville

HYDROGRAPHIC FARTY
GEODETIC PARTY
HOTO FIELD PARTY
COMPILATION ACTIVITY
FINAL REVIEWER
COAST PILOT BRANCH
(Soa averse for responsible personnel) AFFECTED 13230 13230 ORIGINATING ACTIVITY METHOD AND DATE OF LOCATION (See Instructions on reverse side) F-V-Vis 8/17/77 F-V-Vis 8/17/77 FIELD U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION CHANDES OF CHARTS 1/29/78 20 April 1974 74E (C) 4813 DATE OFFICE = D.P. Meters been inspected from seaward to determine their value as landmarks SURVEY NUMBER Elizabeth Islands 0.91 41.06 948 52 **LONGIT UDE** Buzzards Bay 36 38 0 0 MOULTON A. 1927 D.M. Meters LOCALITY 03.83 01.17 $\frac{1}{1}$ 18 LATITUDE 36 DATUM N. Massachusetts 45 45 0 DESCRIPTION
(Record resson for defetion of landmark or aid to navigation.
Show triangulation station names, where applicable, in perentheses) TP-00762 Tank Ä REPORTING UNIT Buzzards Bay Water ht=175(230)ft The following objects HAVE X HAVE NOT OF IT OF PROJECT NO. Onset Standpipe STANDPIPE-ht=112(202)ft CM-7407 Replaces C&GS Form 567 X TO BE CHARTED TO BE REVISED HOAA FORM 76-40 CHARTING 503 TANK

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	RESPONSIBLE PERSONNEL	PERSONNEL	50
TYPE OF ACTION	NAME	ART	X PHOTO FIELD PARTY
			HYDROGRAPHIC PARTY
OBJECTS INSPECTED FROM SEAWARD	en e		GEODETIC PARTY
	R. Tibbetts		OTHER (Specify)
	H. Hart		FIELD ACTIVITY REPRESENTATIVE
TOSTIONS DE LEXMINED AND/OR VERTITED	J. Roderick		OFFICE ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL			REVIEWER
AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES			QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE
	INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE (Consult Photogrammetric Instructions No. 6)	'METHOD AND DATE OF LOCATION' tric Instructions No. 64,	
		FIELD (Contid)	
OFFICE 1. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including	date (including month,	ے تھ ر	rammetric field positions** require of method of location or verification,
identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75	the object.	graph used to locate EXAMPLE: P-8-V 8-12-75 741(C)2982	sed to locate or identify the object. P-8-V 8-12-75 741 (C) 2982
FIELD 1. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbol	DR VERIFIED a by symbols as follows:	II. TRIANGULATION STATION RECOVERED When a landmark or ald which is	RECOVERED d which is also a tri-
Frield P - Pi F - Field Vis - V - Verified	oy symbols as notogrammetric Visually	_ <u>_</u>	
ation 5 -	Field identified Theodolite	8-12-75	
t fon 7 - n 8 -	Planetable Sextant	III. POSITION VERIFIED VISUAL Enter 'V-Vis.' and date.	VERIFIED VISUALLY ON PHOTOGRAPH Vis.' and date.
tions*	require entry of method of	EXAMPLE: V-Vis.	
location and date		0-12-75	
EXAMPLE: F-2-6-L 8-12-75		**PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established	SITIONS are dependent on control established
*FIELD POSITIONS are determined by field obser-	ed by field obser-	by photogrammetric methods.	ds.
vations based entirely upon ground survey methods.	ground survey methods.		

NOAA FORM 78-40 (8-74)

SUPERSEDES NOAA FORM 76-40 (2-7)) WHICH IS OBSOLETE, AND. Existing stock should be destroyed upon receipt of revision,

♦ U.S. GOYERNMENT PRINTING OFFICE: 1974-665-073/1030 Region 6

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
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