Form 50s

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey SHORELINE

Field No. Ph-116 Office No. T-11208

LOCALITY

State MASSACHUSETTS

General locality CAPE COD

Locality MONOMOY POINT

1952-1954

CHIEF OF PARTY Lorin F. Woodcock, Chief of Party E. H. Kirsch, Baltimore Photo. Office

LIBRARY & ARCHIVES

DATE

B-1870-1 (I)

> -

711208

7-11208

Project No. (II): Ph-116

Quadrangle Name (IV):

Field Office (II): New Bedford, Mass.

Chief of Party: L. F. Woodcock

Photogrammetric Office (III): Baltimore, Md.

Officer-in-Charge: E. H. Kirsch

30 April 1953 Instructions dated (II) (III): Supp.1-9 June 1953

Supp.2-9 July 1953 Ltr of 10 July 1953 Supp.3-11 Aug 1953

Copy filed in Division of Photogrammetry (IV)

Ltr of 28 Aug 1953

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III):

1.000 Scale Factor (III):

Date received in Washington Office (IV): 2-17-55

Date reported to Nautical Chart Branch (IV): 2-24-55

Applied to Chart No.

Date:

Date registered (IV):

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III):

N.A. 1927

Vertical Datum (III): MHW

Mean sea level except as follows: Elevations shown as (25) refer to mean high water Elevations shown as (5) refer to sounding datum i.e., mean low water or mean lower low water

Reference Station (III): GRASSY, 1954

Lat.: 41° 35' 08.57" (264.4 m)

Long.: 69° 59. 12.16" (281.7 m)

KA NGHA

Unadjusted

Plane Coordinates (IV):

State: Massachusetts Zone:

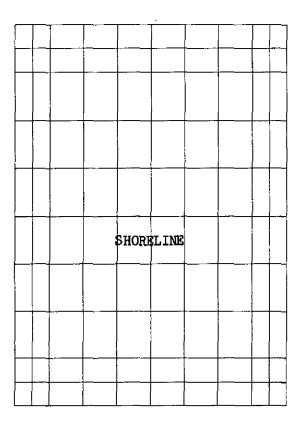
Mainland

4

Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office, or (IV) Washington Office.

When entering names of personnel on this record give the surname and initials, not initials only,





Areas contoured by various personnel (Show name within area)
(II) (III)

Form T-Page 2

Field inspection by (II): B. F. Lampton I. Y. Fitzgerald

Date: June-July 1954

Planetable contouring by (II):

Date:

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location): 1953 date of photography.

July 1954 - Field Inspection

Projection and Grids ruled by (IV):

Date:

Projection and Grids checked by (IV):

Date:

Control plotted by (III): B. Kurs

Date: 4 Aug. 1954

Control checked by (III): F. J. Tarcza

Date: 6 Aug. 1954

F. M. Wisiecki

Date: 9 Aug. 1954

Planimetry Contours `Date:

Manuscript delineated by (III): J. Honick

Stereoscopic Instrument compilation (III):

Date: 9 Feb. 1955

Photogrammetric Office Review by (III): R. GJ

R. Glaser

Date: 11 Feb. 1955

Elevations on Manuscript checked by (II) (III):

Date:

Form T-Page 3

M-2618-12(4)

Camera (kind or source) (III): PMA single lens 81 focal length. U.S.C. & G. S. single lens, "J" camera.



Number	Date	Time (III)	Scale	Stage of Tide
53-J-498 to 505 52-DPL-5K-87 to 93 52-DPL-5K-96 to 101	4/29/53 7/25/52 7/25/52	0837 1336 1345	1:10,000	1.5 above MLW 3.6 " "

Tide (III)

From Predicted Tide Tables

Reference Station:

BOSTON

Subordinate Station: Subordinate Station:

Monomoy Point

Washington Office Review by (IV): S. Blankenbaker

Date: Sept . 1964

Ratio of Mean Spring Ranges Range Range

0.4

Date:

Date:

Date:

Final Drafting by (IV):

Drafting verified for reproduction by (IV):

Proof Edit by (IV):

Land Area (Sq. Statute Miles) (III): 2.7

Shoreline (More than 200 meters to opposite shore) (III): Shoreline (Less than 200 meters to opposite shore) (III): 26 mi..

Control Leveling - Miles (II):

None

Number of Triangulation Stations searched for (II):

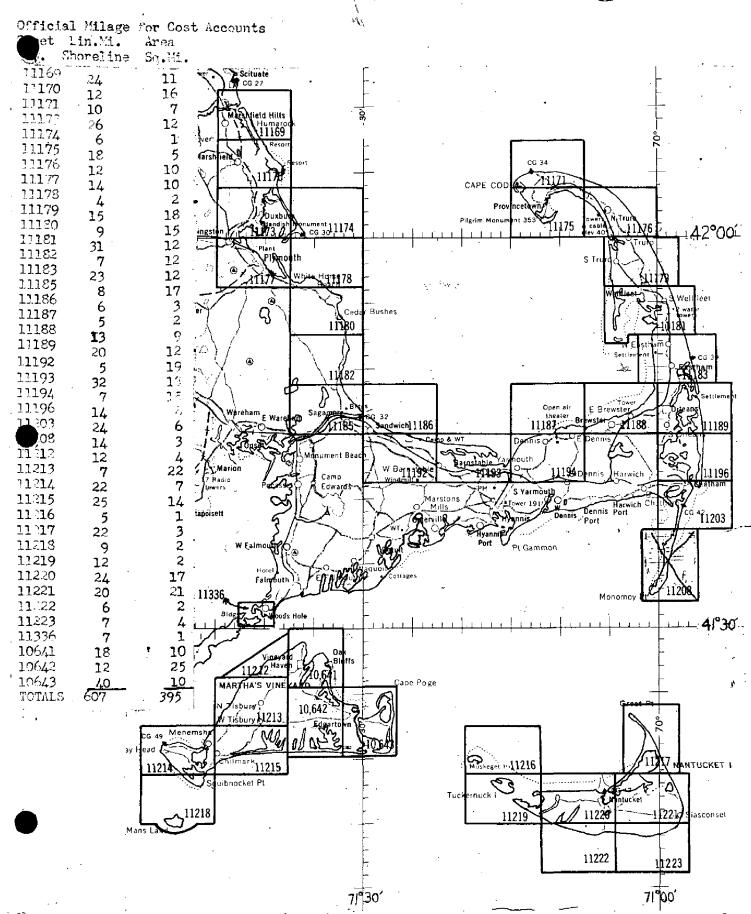
12 Recovered: 11 Identified:

Identified: 10

Number of BMs searched for (II): Recovered: Number of Recoverable Photo Stations established (III):

Number of Temporary Photo Hydro Stations established (III):

Remarks:



(É)

Summary to Accompany Descriptive Reports

T-11203 and T-11208

September 1964

These maps were compiled as a part of Project PH-116. The project is comprised of 40 planimetric maps covering (1) Cape Cod Bay Shoreline, (2) the entire east shore of Cape Cod, and (3) Nantucket, Martha's Vineyard and No Man's Land Islands. The subject maps cover Monomoy Point and the Chatham area.

More recent Bureau maps have been compiled in the area - refer to side heading 61 of the final review report.

2. AREAL FIELD INSPECTION

The land area covered by this map is a typical barrier beach, although with somewhat less marsh on the back side than is usual. The higher ground is all sand, partly grass covered in places, but not sufficiently so to stabilize all dunes. The limits of marsh are difficult to define in places because of drifting sand which is gradually raising the level of the marshes. Comparison with older maps shows that the Atlantic shoreline is receding and the sand beach has covered considerable marsh and some sloughs.

The entire land area is included within Monomoy Wildlife Refuge.

Field notes have been applied to photographs 53-J-498 through 53-J-505.

The field inspection is believed to be complete. Because of the nature of the land, complete field inspection was done throughout the sheet. The photographs used for field work were quite clear and of good quality.

3. HORIZONTAL CONTROL

The following monumented third-order triangulation stations were established: TELEPHONE, HAMMONDS, INWARD, GRASSY, TUCKET, POISON, and POWDER, all 1954. In addition, the high point of an offshore shipwreck are 35% was located by triangulation. This point was established for the purpose of locating the wreck on the map manuscript and not for use in the radial plot, as there was no point on the wreck visible on the photographs that would be suitable.

Attention is called to triangulation station CLUBHOUSE FLAGSTAFF 1902. According to the best information obtainable by this party, this station is still in good condition, however, there are discrepancies in the original 1902 description and the 1939 recovery note. The building appears to be in good condition at present; in 1939 it was reported to be in poor condition. Also, 52 years is a rather long time for a fishing shanty to last in terrain of this nature. It is believed that this station should be used with caution.

The following station has been reported as lost on Form 526: MONOMOY LIFE SAVING STATION, NE CHIMNEY, 1886.

4. VERTICAL CONTROL

The following tidal bench marks were recovered: POWDER HOLE, MONOMOY POINT, TIDAL BENCH MARK 2 RESET (1949); BENCH MARK 4 (1931); BENCH MARK 10 (1906); BENCH MARK 11 (1906); BENCH MARK 12 (1939); and BENCH MARK 13 (1939).

5. CONTOURS AND DRAINAGE

Contours inapplicable.

The drainage within the sheet is chiefly marsh with a few marshy sloughs and some drainage ditches in the marshes. There are a number of ponds in low areas and several ponds have been made as part of the game refuge program by scooping out marsh with a bulldozer. One pond has been made at Inward Point by building an earth dam.

6. WOODLAND COVER

Inapplicable.

SHORELINE AND ALONGSHORE FEATURES

The mean high water line has been indicated on the field photographs and has been shown as of the date of photography. The mean high water line along the Atlantic Beach has a serrated appearance caused by surf action that is quite evident at the site.

Near the north limit of the sheet along the Nantucket Sound shore, some small dunes have built up along the west side of a marsh. The dunes are barely above mean high water and much of the sand area visible on the photographs covers at mean high water. The mean high water line is rather difficult to interpret in this area but it is believed that sufficient notes have been shown to permit correct delineation.

At a number of points where marsh joins with fast shoreline no definite position can be assigned to the junction because of narrow tidal flats between the inner edge of the marsh and the fast shoreline.

The low water line along the Atlantic shore is too near the mean high water line to be shown separately. There are some large tidal flats along the Nantucket Sound shore, but it was impractical to inspect these at time of mean low water.

The foreshore throughout the sheet is sand except for some small areas of grass which have been indicated on the photographs. There are some low sand bluffs along the Atlantic shore but these are not believed to be prominent enough to be considered landmark features.

There are no wharves, piers, or similar shoreline structures in the sheet.

OFFSHORE FEATURES

There is a large shipwreck in the Atlantic Ocean within the sheet. The high point of the wreck was located by triangulation and the point sighted on has been indicated on the photographs.

There are no offshore rocks.

9. LANDMARKS AND AIDS .

All landmarks for charts have been reported on Form 567. There are no fixed aids to navigation.

10. BOUNDARIES, MONUMENTS AND LINES

Inapplicable.

11. OTHER CONTROL

It was not necessary to establish any recoverable topographic stations within the sheet.

12. OTHER INTERIOR FEATURES

None of the buildings within the sheet are continuously occupied. They are chiefly used by sportsmen for short periods. The Coast Guard Station at Monomoy Point is now abandoned and the old Monomoy Life Saving Station is now demolished except for one dilapidated building.

The condition of buildings varies from fair to poor. It is believed that all buildings not deleted on the photographs should be shown as landmark features.

There is some automobile traffic within the sheet with four-wheel drive vehicles and cars equipped with special large tires. North and south traffic follows the beach at low water and one of the interior trails at high water. It is believed that the chief trails are of sufficient importance to be shown and they have been indicated on the photographs.

The telephone line from the Chatham Coast Guard Station to the abandoned Monomoy Point Coast Guard Station is still in use and is a landmark feature. Much of this line is underground cable.

13. GEOGRAPHIC NAMES

No discrepancies in geographic names were noted during field work.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Triangulation sketch and Form 28B, submitted with data for Sheet 11208.

Letter of Transmittal No. Ph-116-30, Triangulation Data, forwarded to Division of Geodesy 13 July 1954.

Letter of Transmittal No. Ph-116-31, Forms 567, to be forwarded to Washington Office at a later date.

Letter of Transmittal No. Ph-116-32, Data, Sheet 11208, forwarded to Washington Office 22 July 1954.

> Submitted 21 July 1954

Cartographic Survey Aid

Approved & Forwarded 22 July 1954

Lorin F. Woodcock

Chief of Party

PHOTOGRAMMETRIC PLOT REPORT Project No. Ph-116 Survey No. T-11208

21. AREA COVERED

The radial plot covers the area in survey T-11208. It is a shoreline survey of Monomoy Island, located at the south and western end of Cape Cod in Massachusetts.

22. METHOD - RADIAL PLOT

Map Mamuscripts:

A vinylite sheet with polyconic projections in black and Massachusetts Mainland Grids in red, at a 1:10,000 scale was furnished by the Washington office.

A sketch showing the distribution of control and photograph centers is attached to this report.

Photographs:

Single lens photographs at 1:20,000 contact scale and raticed to 1:10,000 scale were used in this radial plot. Twenty photographs were used, numbered as follows:

DPL-5K-87 through DPL-5K-93 DPL-5K-96 thru DPL-5K-101 53-J-498 through 53-J-505

Templets:

Vinylite templets were made from all photographs using a master templet to correct errors due to paper distortion.

Closure and Adjustment to Control:

A vinylite sheet with 5,000 foot grids was used as a base sheet. All identified control was transferred to the base sheet by matching common grid lines.

Since the centers of the 1953 photos fall in land areas, this flight was adjusted first, holding all control stations. The centers of photos of the other two flights all fall in water areas and these were laid last, holding control and pass points established by the center flight.

Transfer of Points:

The position of all pass points and photo centers were pricked directly on the map manuscript by superimposing the manuscript on the completed plot and matching common grid lines.

23. ADEQUACY OF CONTROL

The distribution of control was adequate.

24. SUPPLEMENTAL DATA

No graphic control surveys were used in this radial plot.

25. PHOTOGRAPHY

The photographic coverage and definition of the photographs were adequate.

A few photographs in the 53-J series are tilted but not enough to warrant a tilt determination.

Respectifully submitted 9 August 1954

Frank M. Wisiecki

Carto. Photo. Aid

LAYOUT SKETCH PROJECT PH-116 SURVEY T-11208

Office Photographs, 1953, USCEGS

" 1952, PMA

Control Stations, (Identified)

DESCRIPTIVE REPORT U.S. DEPARTMENT OF COMMERCE

PROJECT NO. Ph-116

MAP T- 11208

FORM **164** (4-23-54)

COAST AND GEODETIC SURVEY CONTROL RECORD SCALE OF MAP_1:10,000_

SCALE FACTOR

FROM GRID OR PROJECTION LINE IN METERS (BACK) 13 FORWARD DISTANCE FROM GRID OR PROJECTION LINE IN METERS 1,89.0) (1390.5)(1810.3)(1598.1)(1052.6)(789.4) 3341) (1299.4)790.5 (1586.7)(1.8011)(340.8) (115.3) 120.0) 606.2) (2-641) (672.8) 826.8) (2,184) (1181.8)(661<u>,</u>3) N.A. 1927 - DATUM FORWARD 281.7 599.6 551.6 598.8 264.h 9.091 716.3 905.9 798.4 900•2 1435.8 369.3 729.2 252.7 1516.9 1270.2 1244.8 1217.h 10.7 1024.2 1049.3 DATUM CORRECTION OR PROJECTION LINE IN METERS DISTANCE FROM GRID IN FEET. (BACK) FORWARD LONGITUDE OR x-COORDINATE LATITUDE OR #-COORDINATE 11.969 31,465 33,199 39.091 25,86 12.16 08,19 25.88 25.90 17.88 14.93 10,35 53.82 01,32 38.88 45.29 16.54 54.82 49.17 08.57 30.94 35 37 36 36 3 53 킀 3 33 없 32 8 컩 农 33 8 33 8 ር ኒኒ 农 农 69 69 69 20 69 69 8 69 69 70 I 다 크 긔 듸 듸 킈 듸 듸 ᆁ 日 DATUM N.A. 1927 = Ξ = Ξ = = = = æ SOURCE OF INFORMATION (INDEX) p. 213 6-3723 G-3723 MONOMOY POINT, LIFED. 214 SAVING STATION, Field Comp. Field = = Ħ £ E z = MONONOY POINT, LICHTHOUSE, 1875 TELEPHONE, 1954 CLUBHOUSE, FLAGSTAFF, 1902 HAMMONDS, 1954 HICH POINT OF STATION CRASSY, 1954 INWARD, 1954 TUCKET, 1954 POISON, 1954 ROWDER, 1954 CUPCLA. 1902

COMPUTED BY. B. Kurs 1 FT.= 3048006 METER

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8/2/54

DATE...

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DATE

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Comp.

SHIPWRECK, 1954

COMM- DC- 57843

8/3/54

FORM **164** (4-23-54)

U.S. DEPARTMENT OF COMMERCE DESCRIPTIVE REPORT

COAST AND GEODETIC SURVEY CONTROL RECORD

				10	••		
MAP T. 11208		PROJE(PROJECT NO. Ph-116	SCALE OF MAP 1:1	1:10,000	SCALE FACTOR	
STATION	SOURCE OF INFORMATION (INDEX)	ратим	LATITUDE OR y.COORDINATE LONGITUDE OR x.COORDINATE	DISTÂNCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM	N.A. 1927 - DATUM PACTOR DISTANCE FROM GRID OR PROJECTION LINE FROM GRID OR PROJECTION LINE FORWARD (BACK) FORWARD (BACK)	ANCE DECTION LINE RS (BACK)
Sub. Pt. POISON, 1954		N.A. 1927	41 33 69 59			1279.9 (110.3)	
Sub. Pt. POWDER, 1954 Sub. Pt. TUCKET, 1954		£ 5	11 32 70 00 . 11 34				
Sub. Pt. INWARD, 1954		E	69 59 Lt 36 69 59		,	548.8 (1302.2)	
Sub. Pt. GRASSY, 1954		#				1	
Sub. Pt. HAMMONDS, 1954		=	11 36 69 58				
Sub. Pt. TELEPHONE, 1954		=					
						-1	
				-			
C COMPUTED BY. B. KULS	Kurs		рате 8/2/5μ	CHECKED BY. J. W. Vonasek	V. Vonase	DATE 8/3/54	COMM- DC- 57843

COMPILATION REPORT Project No. Ph-116 Survey No. T-11208

31. DELINEATION

Graphic methods were used to delineate this manuscript.

The vertical projector was used to compensate for scale difference between the photographs and the map manuscript.

32. CONTROL

Refer to Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours: Inapplicable.

Drainage: No comment.

35. SHORELINE AND ALONGSHORE DETAILS

Shoreline inspection was adequate.

Shallow areas were delineated from office interpretation of the photographs. No low-water lines were furnished by the field party.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

Forms 567 for 2 landmarks have been submitted.

38. CONTROL FOR FUTURE SURVEYS

There are no recoverable topographic stations on this manuscript.

39. JUNCTIONS

Junction has been made and is in agreement with T-11203 to the north. All water area to the east, west and south.

40. HORIZONTAL AND VERTICAL CONTROL

Refer to Radial Plot Report.

41. - 45

Inapplicable.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with survey T-5737 (1941), scale 1:10,000, and U.S. G. S. Quadrangle, Monomoy Point, Mass., scale 1:31,680, Edition of 1942.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with Chart No. 257, scale 1:20,000 published Sept. 1951 (2nd Edition) corrected to Aug. 18, 1952; Chart No. 250, scale 1:40,000 published June 1947 (20th Edition) corrected to Nov. 19, 1951; and Chart No. 1209, scale 1:80,000, published May 1943 (8th Edition) corrected to September 21, 1953.

Items to be applied to Nautical Charts immediately:

None.

Items to be carried forward:

None

Respectfully submitted 10 Feb. 1955

Jack Honick

Carto. Photo. Aid

Approved and forwarded

E. H. Kirsch, Comdr. USC&CS

Officer in Charge

Baltimore Photo. Office



48. GEOGRAPHIC NAMES LIST

Atlantic Ocean

Hammonds Bend

Inward Point

Monomoy Beach Monomoy Island Monomoy Point

Nantucket Sound

Powder Hole

Salls Drain

Trail Creek

Wreck Cove

Names 2/18 words

PHOTOGRAMMETRIC OFFICE REVIEW

	T. 1/208	
, ,		
1. Projection and grids2.	Title3. Manuscript numbers4. Manuscript size	/
	4a, Classification label	1
`	CONTROL STATIONS	
5. Horizontal control stations of third	-order or higher accuracy6. Recoverable horizontal station:	s of le
	ic stations) <u>hone8. Bench marks8. Bench marks8. Bench marks8. Bench marks8. Bench marks8.</u>	
	10. Photogrammetric plot report 11. Detail points	
9. Froming on sextent tixes	10. Photogrammatric plot report 11. Detail points	
	ALONGSHORE AREAS	
	(Nautical Chart Data)	
12. Shoreline / 13. Low water	r line 14. Rocks, shoals, etc 15 . Bridges	1 6. Al
	is 18. Other alongshore physical features 19. Other	
shore cultural features	25. Otto Blengare physical issues	4,0116
	•	
	PHYSICAL FEATURES	
20 Water features / 21 Net	rural ground cover 22. Planetable contours 23. Ster	00000
	25. Spot-slevations26. Other	- priye x
features		
	CULTURAL FEATURES	
27. Roads 28. Buildings	29. Rallroads 30. Other cultural features	
	BOUNDARIES	
31. Boundary lines 32. Pu	b ile-land-lines	
	MISCELLANEOUS	
33. Geographic names34.	Junctions 35. Legibility of the manuscript 36. Disc	repa n
Overlay 37. Descriptive Rep	port 38. Field inspection photographs 39. Forms	
40. K. Jaluan	Joseph Steinberg_	
Reviewer	Spervisor, Review Section of Unit	
41. Remarks (see attached sheet)	•	
FIELD COMPLETION	ON ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT	
42. Additions and corrections furnish	ed by the field completion survey have been applied to the manuscri	pt. T
manuscript is now complete except		-
Compiler	Supervisor	
43. Remarks:		M-2623+1

(19)

Review Report

Planimetric Surveys T-11203 and T-11208

61. General

These maps have been superseded for nautical charting purposes by T-12492 scale 1:40,000 and T-12493, scale 1:20,000. The later surveys, based on new aerotriangulation were compiled to provide topography fair mautical chart construction in 1963 from tide controlled infrared and color photography taken in 1961.

62. Comparison with Registered Topographic Surveys

5736 1:10,000 scale 1941 5737 1:10,000 scale 1941

The prior surveys were outdated by T-11203 and T-11208 for nautical charting purposes.

63. Comparison with Mans of Other Agencies

USGS quadrangle Gatham, Mass., 1961, scale 1:24,000, USGS quadrangle Monomoy Point, Mass., 1953, scale 1:24,000

The 1953 quadrangle is outdated due to extensive physical changes on Monomoy Point.

No significant differences were noted between 11203 and the 1961 quadrangle.

64. Comparison with Contemporary Hydrographic Surveys

Inapplicable

65. Comparison with Nautical Charts

250 scale 1:40,000 257 scale 1:20,000

New bases for these charts were compiled by photogrammetric methods in July 1963 (refer to item 61). The subject maps are outdated for charting purposes.



66. Adequacy of Results and Future Surveys

These maps meet the National Standards of Map Accuracy and Bureau requirements.

Reviewed by:

S. J. Blankenbaker

S. G. Blankenbaker

Approved by:

Chief, Photogrammetric

Chief, Nautical Chart Division

PF COMMERCE DEPARTMEN

GEODETIC SURVEY U. S. COAST AND

80P

19 54

9 August

MONFLOATHING/AUDS OR LANDMARKS FOR CHARTS

I recommend that the following objects which have (#4/4/4/4/4) been inspected from seaward to determine their value as landmarks be charted on (delutal/f/4/4) the charts indicated. Groton, Connecticut TO BE CHARTED STRIKE OUT ONE

The positions given have been checked after listing by

Isaiah Y. Fitzgerald

							Lor	Lorin F. Woodcock	dcock		Chie	Chief of Party.	ا يو
STATE	MACCACHITICATIFIC				POSITION			METHOD			TRAKS		
	MANCHOLD IN		F	LATITUDE:	TONC	LONGITUDE*		LOCATION	DATE OF			CHARTS	9 6
CHARTING	DESCRIPTION	SIGNAL	•	" " " D. M. WETERS		" D.P. WETERS	DATUM	SURVEY No.	LOCATION	HARBO			}
TOWER	(MONOMOY FOINT LICHTHOUSE 1875), Aban. lighthouse, black, 39 ft. high, 46 ft	an. ft.	EE 14	33.199	66 69	39.091	N.A. 1927	Triang. T-11208	1875	×		1209,250	요
	above MHW. (Previously charted as O TOWER).	O'D					ı						
CUPOLA	(MONOMOY POINT LIFE SAVING STATION CUPOLA 1902), aban. Coast Guard Lo	kout	<u>ы</u> т 33	11.969	70 00	31.465	Ħ	#	1902	×	-	H	=
	cupola, 46 ft. high, 53 ft. above MHW.	4HW•									·		
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	•											24	
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This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under, each column heading should be given.

71

NAUTICAL CHARTS BRANCH



SURVEY NO. T. 11208

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
June '58	New chart 270	Walter L. Ashby	Before After Verification and Review
Dec 1970	250	R.D. Sonocki	Before After Verification and Review
3-24-7:	1208	DLPottilore_	This survey super seded for Noutical Charting Purposes Russ After Verification and Review (See Henric Heport)
9-13-73	257	g. Bailey	My Calk Me ON 250, 17 Before After Verification and Review . No. corr.
			Superseded by T-12493 Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
· 			Before After Verification and Review
· · · · · · · · · · · · · · · · · · ·	,		Before After Verification and Review
<u> </u>			Before After Verification and Review
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 -			M-2168·1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

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