

# 11182

ORIGINAL

Diag. Cht. No. 1208-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

## DESCRIPTIVE REPORT

Type of Survey SHORELINE

Field No. PH-116 Office No. T-11182

LOCALITY

State MASSACHUSETTS

General locality CAPE COD BAY

Locality NAMALOC HEIGHTS TO VALLERSVILLE

1951-1953

CHIEF OF PARTY

Lorin F. Woodcock, Chief of Party

William F. Deane, Baltimore District Officer

LIBRARY & ARCHIVES

DATE January 2, 1966

# 11182

# DATA RECORD

(1)

T -11182

Project No. (II): **Ph-116**

Quadrangle Name (IV):

Field Office (II): **Plymouth, Mass.**

Chief of Party: **L. F. Woodcock**

Photogrammetric Office (III): **Baltimore, Maryland**

Officer-in-Charge: **E. H. Kirsch**  
**William F. Deane**  
Copy filed in Division of  
Photogrammetry (IV)

Instructions dated (II) (III): **30 April 1953**  
**9 June 1953 (Supp.1)**  
**9 July 1953 (Supp.2)**  
**Letter of 10 July 1953, 70-lmh**  
**11 Aug 1953 (Supp.3)**  
**Letter of 28 Aug. 1953, 711-aal**  
**12 Feb. 1954 (office)**

Method of Compilation (III): **Graphic**

Manuscript Scale (III): **1:10,000**

Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): **1.000**

Date received in Washington Office (IV):

Date reported to Nautical Chart Branch (IV):

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): **CENTER, 1940**

Lat.: **41° 50' 35.484" (1094.8m)** Long.: **70° 31' 55.428" (1278.8 m)**

Adjusted

~~XXXXXX~~

Plane Coordinates (IV):

State: **Mass.**

Zone: **Mainland**

Y=

X=

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.

(2)


SHORELINE

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

# DATA RECORD

(3)

Field Inspection by (II): E. T. Ogilby

Date: Sep - Oct 1953

Planetable contouring by (II):

Date:

Completion Surveys by (II):

Date:

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

Sept. - Oct. 1953 Field Inspection

Projection and Grids ruled by (IV): Austin Riley

Date: 11/17/53

Projection and Grids checked by (IV): Austin Riley

Date: 11/20/53

Control plotted by (III): A. Queen

Date: 3/24/54

Control checked by (III): Leroy A. Senasack

Date: 31 March 1954

Radial Plot ~~of Stereoscopic~~

~~Stereoscopic~~ (III): E. L. Williams

Date: 11/7/55

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Contours

Date:

Manuscript delineated by (III): J. Honick

Date: 5 Dec. 1955

Photogrammetric Office Review by (III): R. Glaser

Date: 14 Dec. 1955

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

Date:

Camera (kind or source) (III):

(4)

PHOTOGRAPHS (III)				
Number	Date	Time	Scale	Stage of Tide
2K-68--to 71	10/22/51	1119	1:10,000	2.4 above MLLW
7K-86 to 89	10/12/52		"	Land area
2K-122 to 125	10/22/51		"	" "

Tide (III)  
From predicted tide tables

Reference Station: Boston  
Subordinate Station: Cape Cod Canal Entrance  
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
	9.5	11.0
1.0	9.4	10.9

Washington Office Review by (IV): S.G. Blankenbaker

Date: May 1965

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 12 (Approx.)

Shoreline (More than 200 meters to opposite shore) (III): 4.9 mi.

Shoreline (Less than 200 meters to opposite shore) (III): 0.5 mi.

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 10 Recovered: 8 Identified: 8\*

Number of BMs searched for (II): None Recovered: Identified:

Number of Recoverable Photo Stations established (III): None

Number of Temporary Photo Hydro Stations established (III): None

Remarks:

\*Two USGS Stations, TTKII and TTK17 recovered and identified but no geographic positions were available for plotting on manuscript.

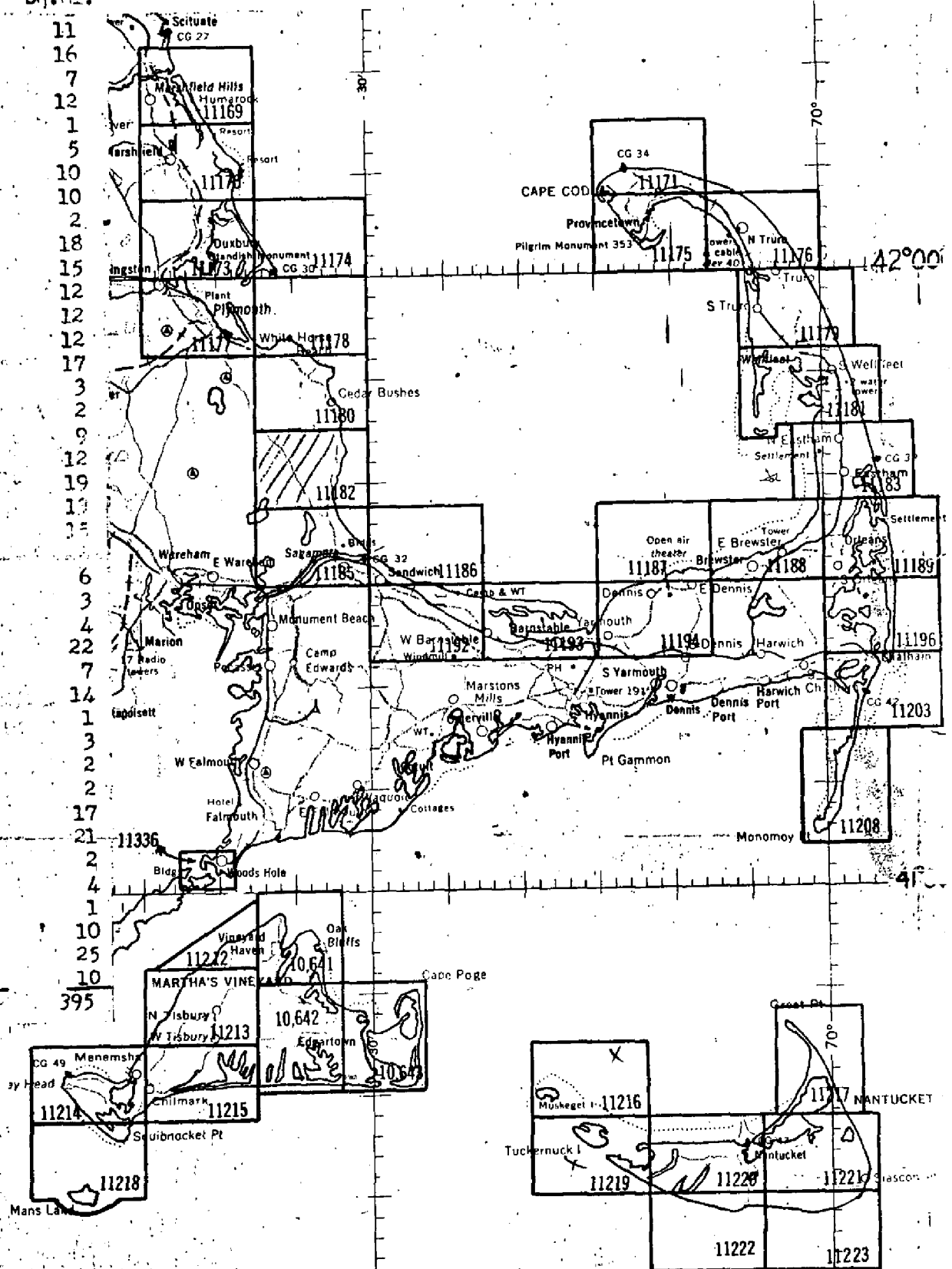
# SHORELINE MAPPING PROJECT PH-110

## CAPE COD, MASS.

5

Official Mileage for Cost Accounts  
Sheet Lin.Mi. Area  
Shoreline Sq.Mi.

11169	24	11
11170	12	16
11171	10	7
11173	26	12
11174	6	1
11175	18	5
11176	12	10
11177	14	10
11178	4	2
11179	15	18
11180	9	15
11181	31	12
11182	7	12
11183	23	12
11185	8	17
11186	6	3
11187	5	2
11188	13	9
11189	20	12
11192	5	19
11193	32	13
11194	7	15
11196	14	6
11203	24	3
11208	14	4
11212	12	22
11213	7	7
11214	22	14
11215	25	1
11216	5	3
11217	22	2
11218	9	2
11219	12	17
11220	24	21
11221	20	2
11222	6	4
11223	7	1
11336	7	10
10641	18	25
10642	12	10
10643	10	
TOTALS	607	395



71°30'

71°00'

Summary to Accompany Descriptive Report T-11182

T-11182 is 1 of 40 maps comprising Project PH-116. Project coverage includes, Cape Cod Bay shoreline, the east shore of Cape Cod, and Martha's Vineyard and Nantucket Islands. The subject map covers the west shore of Cape Cod Bay from Valleryville to Nameloc Heights.

Refer to heading 61 of the final review report concerning the mapping of rock information.

## 2. AREAL FIELD INSPECTION

The land area is a rugged dune formation with sandy soil and numerous glacial boulders. There are a number of ponds and cranberry bogs in the depressions. The soil is otherwise unsuitable for cultivation. The hills are mostly heavily wooded.

State Highway No. 3 crosses the sheet north and south near the coast. There is very little population within the compilation area, most of it being between the highway and the shore.

The photographs were of adequate quality. The field inspection is believed to be complete. Field work was done on photographs DPT-2K-68 through 71; DPT-2K-122 and 123; DPT-2K-125; DPT-7K-86 through 89.

## 3. HORIZONTAL CONTROL

All Coast and Geodetic Survey control was searched for and identified if recovered.

The following stations of the Mass. Geodetic Survey were recovered and identified; 160AN, 160AU.

The following USGS stations were recovered and identified: TTK11, and TTK17. Descriptions of these stations were not available. They are shown with the triangle symbol on the USGS Sagamore quadrangle.

The following stations have been reported as lost on Form 526: TILE 1916 and CEN 1916.

## 4. VERTICAL CONTROL

There are no tidal bench marks.

## 5. CONTOURS AND DRAINAGE

Contours inapplicable. Practically all perennial drainage is tidal through marsh and is clearly visible on the photographs. The only perennial drainage above marsh level observed during field work are the ditches in cranberry bogs.

## 6. WOODLAND COVER

Inapplicable.

## 7. SHORELINE AND ALONGSHORE FEATURES

The mean high water line is visible on the photographs as a dark line along the beach and has been indicated at intervals on the photographs. Several rock groins have been built since photography. The groins and the resulting changes in the ~~mark~~ mean high water line have been drawn on the photographs by measurements from identifiable detail.



The mean low water line follows a rather indefinite tone change on the photographs; consequently an approximate mean low water line has been indicated on the photographs.

The character of the foreshore varies from rock to sand. It has been indicated at frequent intervals.

Several bluffs along the shore are prominent landmark features. They are clearly visible on the photographs and are adequately portrayed by contours on the USGS Sagamore quadrangle.

All shoreline structures have been indicated on the photographs. They are chiefly groins and marine railways. There are no piers or wharves.

8. OFFSHORE FEATURES

Several rocks visible on the photographs have been indicated.

9. LANDMARKS AND AIDS

There are none.

10. BOUNDARIES, MONUMENTS AND LINES

Inapplicable.

11. OTHER CONTROL

None was established.

12. OTHER INTERIOR FEATURES

Roads have been classified in accordance with pages 5 through 7 of the U. S. Geological Survey Instructions "Mapping of Roads and Railroads." Several important trails have been indicated in areas of sparse culture.

13. GEOGRAPHIC NAMES

No discrepancies in geographic names were noted during field work.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Letter of Transmittal No. Ph-116-25, Data, Map T-11182, forwarded to Washington Office OCT 26 1953

Submitted  
23 October 1953

*Eugene T. Ogilby*  
Eugene T. Ogilby  
Carto. Survey Aid

OCT 26 1953

Approved & Forwarded  
*by L. F. Woodcock*  
for *L. F. Woodcock*  
Lorin F. Woodcock  
Chief of Party

PHOTOGRAMMETRIC PLOT REPORT  
Project 6116  
Surveys Nos. T-11180, T-11182,  
T-11185, T-11186,  
and T-11192

21. AREA COVERED

This radial plot covers the area of the surveys listed above. These are shoreline surveys along Cape Cod Bay, extending from Manomet Point southward, including most of Cape Cod Canal, to Scorton Harbor.

22. METHOD - RADIAL PLOT

Map Manuscripts:

Vinylite sheets with polyconic projections in black and Massachusetts Mainland Grids in red; at a scale of 1:10,000, were furnished by the Washington office.

All control points were plotted using the beam compass and meter bar.

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

Base sheets were prepared in this office.

Photographs:

Seventy (70) single lens, 1:20,000 scale photographs (later ratioed to about 1:10,400 scale) which were taken by Robinson Aerial Surveys for the Production and Marketing Administration were used in this plot. These photographs are numbered as follows:

DPL-4K-31	thru	DPL-4K-33
DPL-2K-2	"	DPL-2K-6
DPL-2K-20	"	DPL-2K-24
DPL-2K-27	"	DPL-2K-32
DPL-2K-52	"	DPL-2K-57
DPL-2K-72	"	DPL-2K-78
DPT-2K-64	"	DPT-2K-71
DPT-7K-82	"	DPT-7K-89
DPL-2K-99	"	DPL-2K-105
DPL-2K-129	"	DPL-2K-132
DPT-2K-119	"	DPT-2K-128
DPT-2K-188		

In addition, twelve (12) single lens photographs, taken with the "W" camera at a 1:20,000 contact scale and ratioed to 1:10,000, were used in this plot. These photographs are numbered:

1329 thru 1340

Templets:

Vinylite templets were made from the seventy (70) Production and Marketing Administration photographs using a master templet to correct errors due to paper distortion. Vinylite templets were made for the twelve (12) "W" camera photographs, also. However, no master templet is available for the "W" camera photographs.

## 22. METHOD - RADIAL PLOT (cont'd)

Closure and Adjustment to Control: ~~old in the area~~

This radial plot is an extension to the south of the plot for surveys T-11169 & T-11170; T-11173 & T-11174; T-11177 & T-11178. (See Descriptive Report for T-11173).

The plot was started by relaying the templets in the northern half of survey T-11180 in the positions as established in the previous plot. Then the flight 2K-67 thru 2K-78 was laid extending to control at the south end of survey T-11185. The flight of "W" camera photographs, 1329 thru 1340, was laid next. ~~Then, the flights to the west of and paralleling flight 2K-67 thru 2K-78 was laid extending to control at the south end of survey T-11185. The flight of "W" camera photographs, 1329 thru 1340, was laid next.~~ Then the flights to the west of and paralleling flight 2K-67 thru 2K-78 were laid bridging from field identified control on the north of the plot to office identified control on survey T-11191 to the south. Considerable adjustment was necessary before a satisfactory plot was obtained in this area. In fact, the positions of pass points and photograph centers from photograph DPT 2K-124 south along the western limit of survey T-11185 to photograph DPL-2K-129 are weak although thought to be within the limits of accuracy.

After these flights were laid, the flights to the east of flight 2K-67 thru 2K-78 were laid. Not much difficulty was met within this area in adjusting to the control, and the plot was extended to the east where a tie was made with pass points established on survey T-11193 by the Kolsh plotter operator who had compiled a portion of survey T-11193.

It should be stated that the flights of photographs were extended to include most of survey T-11191 in order to make a complete plot, thus insuring better positions for points along the southern limits of survey T-11185 and the western limits of survey T-11192 even though no field identified control was available in survey T-11191.

Transfer of Points:

Each map manuscript was placed over the finished plot, oriented, and the positions of all pass points and photograph centers were then pricked on the manuscript.

Positions of pass points and photograph centers were not transferred from the radial plot to map manuscript T-11191 because control on that survey used in this plot was office identified. The radial plot on that survey will be completed later when field identified control is available.

## 24. ADEQUACY OF CONTROL

Along the western limits of surveys T-11182 and T-11185 control is adequate.

Identification of control in the office on survey T-11191 and just to the west of survey T-11191 made possible an acceptable radial plot by bridging between this office-identified control and the field-identified control on survey T-11180.

23. ADEQUACY OF CONTROL (cont'd)

WEST BARNSTABLE CHURCH SPIRE, 1934: The Production and Marketing Administration photographs taken in 1951 "hold" this station but the "W" camera photographs taken in 1954 do not "hold" the station. Apparently, the church had been rebuilt in the intervening years.

SUB PT. SCORTON, 1934: This Sub. Pt. which was identified in the P.M.A. photographs, was not visible on the "W" camera photographs.

24. SUPPLEMENTAL DATA

None.

25. PHOTOGRAPHY

The photographic definition of the "W" camera photographs used in this plot was good. The P.M.A. photographs were inferior to the "W" camera photographs in all respects except that of coverage.

Respectfully submitted  
7 November 1955

*E. L. Williams*  
E. L. Williams  
Carto. (Photo.)

Surveys Nos:  
T-11180, T-11182, T-11185  
T-11186, and T-11192

- OFFICE PHOTOGRAPHS (P.M.A.)
- ◎ OFFICE PHOTOGRAPHS (W. CAMERA)
- △ CONTROL STATION NOT IDENTIFIED
- ▲ CONTROL STATION FIELD IDENTIFIED
- ⊙ CONTROL STATION NOT HELD IN PLST
- ▲ CONTROL STATION OFFICE IDENTIFIED

U.S. DEPARTMENT OF COMMERCE  
DESCRIPTIVE REPORT  
COAST AND GEODETIC SURVEY  
CONTROL RECORD

MAP T. 11182

PROJECT NO. Ph-116

SCALE OF MAP 1:10,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\psi$ -COORDINATE LONGITUDE OR $\lambda$ -COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
160 AN, M.G.S.	P. 40 M.G.S.	N.A. 1927	318, 177.39 843, 429.75	3,177.39	(1,822.61)		968.5	(555.5)	
Sub. Pt. 160 AN, M.G.S.		"	318, 205.74 843, 546.87	3,429.75	(1,570.25)		1045.5	(478.6)	
160 AU, M.G.S.	P. 40 M.G.S.	"	315, 035.85 845, 405.32	3,205.74	(1,794.26)		977.1	(546.9)	
Sub. Pt. 160 AU		"	315, 037.32 845, 332.32	3,546.87	(1,453.13)		1081.1	(442.9)	
OUTER, 1940	P. 443 G-6928	"	41° 51' 30.042" 70 31 33.954	035.85	(4,964.15)		10.9	(1513.1)	
BASSETT, M.G.S. 1941	P. 349	"	41 51 03.914 70 35 25.565	405.32	(4,594.68)		123.5	(1400.5)	
Sub. Pt. BASSETT, M.G.S. 1941		"	41 51 70 35	037.32	(4,962.68)		11.4	(1512.6)	
CENTER, 1940	P. 443 G-6928	"	41 50 35.484 70 31 55.428	332.32	(4,667.68)		101.3	(1422.7)	
Sub. Pt. CENTER, 1940		"	41 50 70 31				926.9	(924.3)	
LOOK, 1940	P. 443 G-6928	"	41 50 04.794 70 32 15.268				783.2	(600.8)	
M3BP-MGS, 1936	P. 41 M.G.S.	"	301, 333.12 858, 803.99				120.8	(1730.4)	
SAUERY, M. G. S., 1935	P. 106 G-3156	"	41 50 20.137 70 33 20.634				589.8	(794.3)	
							31.0	(1820.2)	
							555.9	(828.2)	
							1094.8	(756.4)	
							1278.8	(105.5)	
							1045.2	(806.0)	
							1336.3	(48.0)	
							147.9	(1703.3)	
							352.3	(1032.2)	
							406.3	(1117.7)	
							1159.5	(364.5)	
							621.3	(1229.9)	
							476.1	(908.3)	

1 FT. = 3048006 METER

COMPUTED BY R. L. McGlinchey

DATE 19 November 1954

CHECKED BY A. Queen

DATE 22 March 1954

COMW-DC-5784

## COMPILATION REPORT

Survey No. T-11182

### 31. DELINEATION

Graphic methods were used to delineate this manuscript.

It was necessary to locate more detail points than usually required, because the PMA photographs were considerably smaller in scale than the worksheet. The vertical projector was used to compensate for the scale difference.

The interior limits of delineation are as specified in the project instructions.

The delineation was done on a worksheet and transferred to the manuscript by scribing methods. See compilation report for survey T-11173, paragraph 41.

### 32. CONTROL

The field party recovered and identified two USGS stations, TTKII and TTK17. However, no geographic positions were available for plotting these stations. They appear on the SAGAMORE, MASS. quadrangle with the triangulation symbol and are labeled as BMS.

Two MGS control stations for which no identification or recovery was made were plotted on the manuscript.

One, SAVERY 1935, was plotted because it appeared to be in the triangulation net, and its position was found in the U.S.C. & G. S. geographic position pad. The geographic position for the other, M3 BP 1936, was found only in the MGS position and description file, but it was plotted because the field party showed a Sub. Pt. for this station on photo 2K-71. It was assumed from this that the station was recovered even though no recovery card or identification card was submitted.

### 33. SUPPLEMENTAL DATA

The U.S.G.S. Sagamore quadrangle was used for geographic names.

### 34. CONTOURS AND DRAINAGE

Contours: Inapplicable.

Drainage: No comment.

### 35. SHORELINE AND ALONGSHORE DETAILS

Shoreline inspection was adequate.

The low water line was field inspected.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

No landmarks or aids on this manuscript.

38. CONTROL FOR FUTURE SURVEYS

None established.

39. JUNCTIONS

Junctions are in agreement with T-11180 to the north and T-11185 to the south. An all water area to the east. No contemporary survey to the west.

40. HORIZONTAL AND VERTICAL ACCURACY

Refer to Photogrammetric Plot Report.

41. - 45

Inapplicable

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with U.S.G.S. Quadrangle, Sagamore, Mass., scale 1:31,680, edition of 1951.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with Chart No. 1208 scale 1:80,000 published




May 1942 (9th Edition) corrected to August 24, 1953.


Items to be applied to Nautical Charts immediately: None.

Items to be carried forward: None.

Respectfully submitted  
5 December 1955

  
Jack Honick  
Carto. Photo. Aid

Approved and forwarded

  
William F. Deane,  
CDR C&GS  
Baltimore District Officer

(18)

12-15-55

Form T-2

## PHOTOGRAMMETRIC OFFICE REVIEW

T. 11182

1. Projection and grids ☒ 2. Title ☒ 3. Manuscript numbers ☒ 4. Manuscript size ☒4a. Classification label ☒

## CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy ☒ 6. ~~Recoverable horizontal stations of less than third order accuracy (topographic stations)~~ ☒ 7. Photo hydr stations ☒ 8. Bench marks ☒  
9. ~~Plotting of sextant fixes~~ ☒ 10. Photogrammetric plot report ☒ 11. Detail points ☒

## ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline ☒ 13. Low-water line ☒ 14. Rocks, shoals, etc. ☒ 15. ~~Bridges~~ ☒ 16. ~~Aids to navigation~~ ☒ 17. Landmarks ☒ 18. Other alongshore physical features ☒ 19. Other along-shore cultural features ☒

## PHYSICAL FEATURES

20. Water features ☒ 21. ~~Natural ground cover~~ ☒ 22. ~~Planetable contours~~ ☒ 23. ~~Stereoscopic instrument contours~~ ☒ 24. ~~Contours in general~~ ☒ 25. ~~Spot elevations~~ ☒ 26. ~~Other physical features~~ ☒

## CULTURAL FEATURES

27. Roads ☒ 28. Buildings ☒ 29. ~~Railroads~~ ☒ 30. Other cultural features ☒

## BOUNDARIES

31. Boundary lines ☒ 32. ~~Public land lines~~ ☒

## MISCELLANEOUS

33. Geographic names ☒ 34. Junctions ☒ 35. Legibility of the manuscript ☒ 36. ~~Discrepancy overlay~~ ☒ 37. Descriptive Report ☒ 38. Field inspection photographs ☒ 39. Forms ☒40. R. P. Glaser  
ReviewerJoseph Stenberg  
Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

## FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

\_\_\_\_\_  
Compiler\_\_\_\_\_  
Supervisor

43. Remarks:

M-2661-12

(19)

Review Report

T-11182

May 1965

61. General

Rock information on the subject map is not complete. The foreshore and the area immediately seaward from the MLW line are, in larger part, foul with rocks. Field inspection of the foreshore area consisted of, (1) the identification of two rocks, (2) the indication of an approximate MLW line, and (3) the indication of foreshore character (rocky on sand).

Prior to final review only the data furnished by the field inspector was shown on the map. Prior Bureau surveys (H-6562, scale 1:10,000, date 1940; and topographic surveys T-1062 and T-1063, scale 1:10,000, date 1867) include considerable rock information. During final review of T-11182 and attempt was made to supplement and/or verify, through office interpretation, the rock information shown on the prior surveys. Those rocks that appeared to be more prominent on the photographs were delineated on the manuscript. Some rocks were found to agree in position with rocks located through the prior hydrographic survey. These rocks were retained on the manuscript as rocks "awash", as symbolized on the hydrographic survey.

Tide controlled photography and compilation by B-8 instrument, supplemented by field edit, is recommended for comprehensive photogrammetric mapping of rock information.

62. Comparison with Registered Topographic Surveys

T-1062	scale 1:10,000	1867
T-1063	1:10,000	1867

Except as qualified in the preceding section of this report, the subject map supersedes the prior surveys for charting purpose in the common area.

63. Comparison with Maps of Other Agencies

USGS quadrangle	Sagamore, Mass.	1951	1:24,000 scale
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No significant differences were noted.

64. Comparison with Contemporary Hydrographic Surveys

Inapplicable - refer to section 61 of this report concerning comparison with prior survey H-6562, date 1940.

65. Comparison with Nautical Charts

1208

April 15, 1963

scale 1:80,000

No significant differences were noted. No page indicating use in chart construction or revision has been inserted in the Descriptive Report for T-11182.

66. Adequacy of Results and Future Surveys

This map meets the National Standards of Map Accuracy. Except as qualified under heading 61 of this report the map meets Bureau requirements.

Reviewed by:

*S. G. Blankenbaker*

S. G. Blankenbaker

Approved by:

*Charles H. Hanner*

Chief, Photogrammetric Branch  
*hch.*

Chief, Nautical Chart Division

*L. F. Woodward*

Chief, Photogrammetry Division

T-11182.

## Geographic Names.

Bay Hill  
Black Pond (south of Grassy Pond)  
Black Pond (south of Center Hill Pond)  
Black Pond (south of Tays Bog)  
Black Jimmy Pond  
Bloody Pond  
Briggs Reservoir

Cape Cod Bay  
Center Hill Point  
Center Hill Pond  
Cotton Pond

Dugway Pond

Eastland Heights  
Ellis Bog  
Ellisville  
Ellisville Harbor

Grassy Pond  
Hathaway Pond  
Hedges Bog  
Hedges Pond  
Hedges Pond Road  
Hio Hill

Island Pond

Little Herring Pond  
Long Pond Road  
Lookout Point

Morey Hole  
Mountain Hill

Nameloc Heights

Old Sandwich Road

Rocky Pond

Salt Pond  
Savery Pond  
Savery-Grassy Pond  
Ship Pond  
Ship Pond Road

Tays Bog  
Triangle Pond

Vallersville

Massachusetts 3

Names approved 2-6-58  
 L. Heck. L.A.

