11187 11188

11188 • 11187

Diag. Cht. No. 1208-2.

Form 504

U. S. DEPARTMENT OF COMMERCE

COAST AND GEODETIC SURVEY

# DESCRIPTIVE REPORT

Type of Survey Shoreline

Field No. Ph-116 Office No. T-11187 & T-11188

LOCALITY

State Massachusetts

General locality Cape Cod Bay

Locality Nobscusset Point to Boat-meadow River

1952-55

CHIEF OF PARTY

LIBRARY & ARCHIVES

DATE January 2, 1966

USCOMM-DC 5087

# DATA RECORD

/

T-11187 & T-11188

Project No. (II): Ph-116 Quadrangle Name (IV):

Field Office (II): Plymouth, Mass. Chief of Party: E. H. Kirsch

Photogrammetric Office (III): Baltimore, Maryland Officer-in-Charge: William F. Deane

Instructions dated (II) (III): 30 Apr 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)

*Copy filed in Division of* Photogrammetry (IV)

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): QUIVETTE, 1933

Lat.: 41° 45' 31.869" (983.2 m) Long.: 70° 08' 36.820" (850.6 m) Adjusted

Plane Coordinates (IV): State: Mass. Zone: Mainland

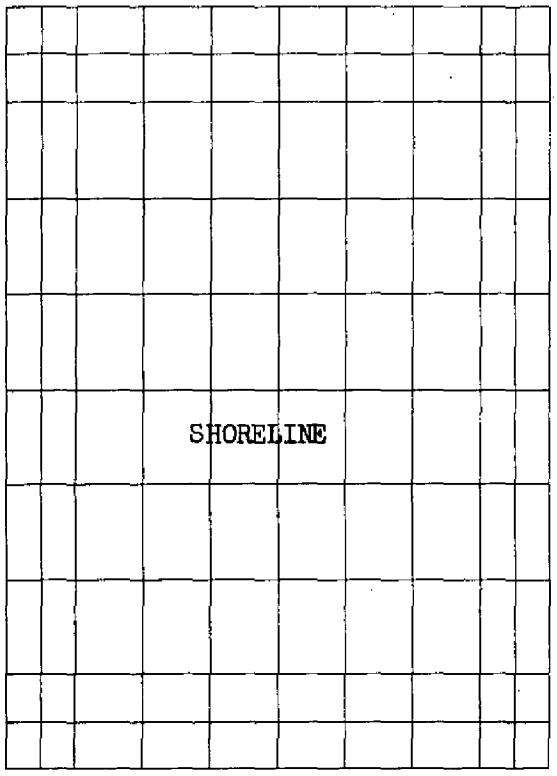
Y= X=

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.



M-2618-12(4)




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

# DATA RECORD

Field Inspection by (II): B. Frank Lampton, Jr. Date: Aug-Sep 1953

Planetable contouring by (II): Date:

Completion Surveys by (II): Date:

Mean High Water Location (III) (State date and method of location): August and September 1953 field inspection on 1952 photographs supplemented by office interpretation of November 1955 photographs

Projection and Grids ruled by (IV): A. Riley Date: 2/15/54

Projection and Grids checked by (IV): A. D. Wolfe Date: 2/15/54

Control plotted by (III): E. L. Williams Date: 7/27/55

Control checked by (III): H. R. Rudolph Date: 8/2/55

Radial Plot ~~[illegible]~~ Date: 1/9/58
Control extension by (III): L. A. Senasack

Stereoscopic instrument compilation (III):
Planimetry Date:
Contours Date:

Manuscript delineated by (III): J. Honick & B. Wilson Date: 6/5/59

Photogrammetric Office Review by (III): R. Glaser Date: 8/12/59

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

Camera (kind or source) (III): U.S.C. & G. S. "W" camera and P.M.A. photographs.

4

PHOTOGRAPHS (III)

| Number | Date | Time | Scale | Stage of Tide |
|---|---|---|---|---|
| 55-W-2478 - 2482 | 11/15/55 | 1155 | 1:10,000 | 0.7' above MHW |
| 55-W-5005 - 5007 | 3/15/55 | 0932 | " | 0.9' " " |
| DPL-3K-28 & 29 | 7/25/52 | 1151 | " | 7.2' " " |
| DPL-5K-10 & 11 | " | 1236 | " | 8.5' " " |
| DPL-4K-105 & 106 | 7/13/52 | 1031 | " | 0.2' below MLW |
| DPL-4K-99 thru 102 | 7/13/52 | 1023 | " | 0.2' " " |
| DPL-4K-81 thru 84 | " | 1012 | " | 0.3' " " |
| DPL-4K-44 thru 47 | " | 0950 | " | 0.3' " " |

Tide (III)

From Predicted Tables

| | Ratio of Ranges | Mean Range | Spring Range |
|---|---|---|---|
| Reference Station: BOSTON | | 9.5 | 11.0 |
| Subordinate Station: BARNSTABLE HBR., BEACH PT. | | 9.5 | 11.0 |
| Subordinate Station: WELLFLEET | | 10.0 | 11.6 |

Washington Office Review by (IV): S.G. Blankenbaker Date: AUG. 1965

Final Drafting by (IV): Date:

Drafting verified for reproduction by (IV): Date:

Proof Edit by (IV): Date:

Land Area (Sq. Statute Miles) (III): 7.5

Shoreline (More than 200 meters to opposite shore) (III): 12.5

Shoreline (Less than 200 meters to opposite shore) (III): 6.5

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 17 Recovered: 14 Identified: 12

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

Number of Recoverable Photo Stations established (III): 2

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

Remarks:



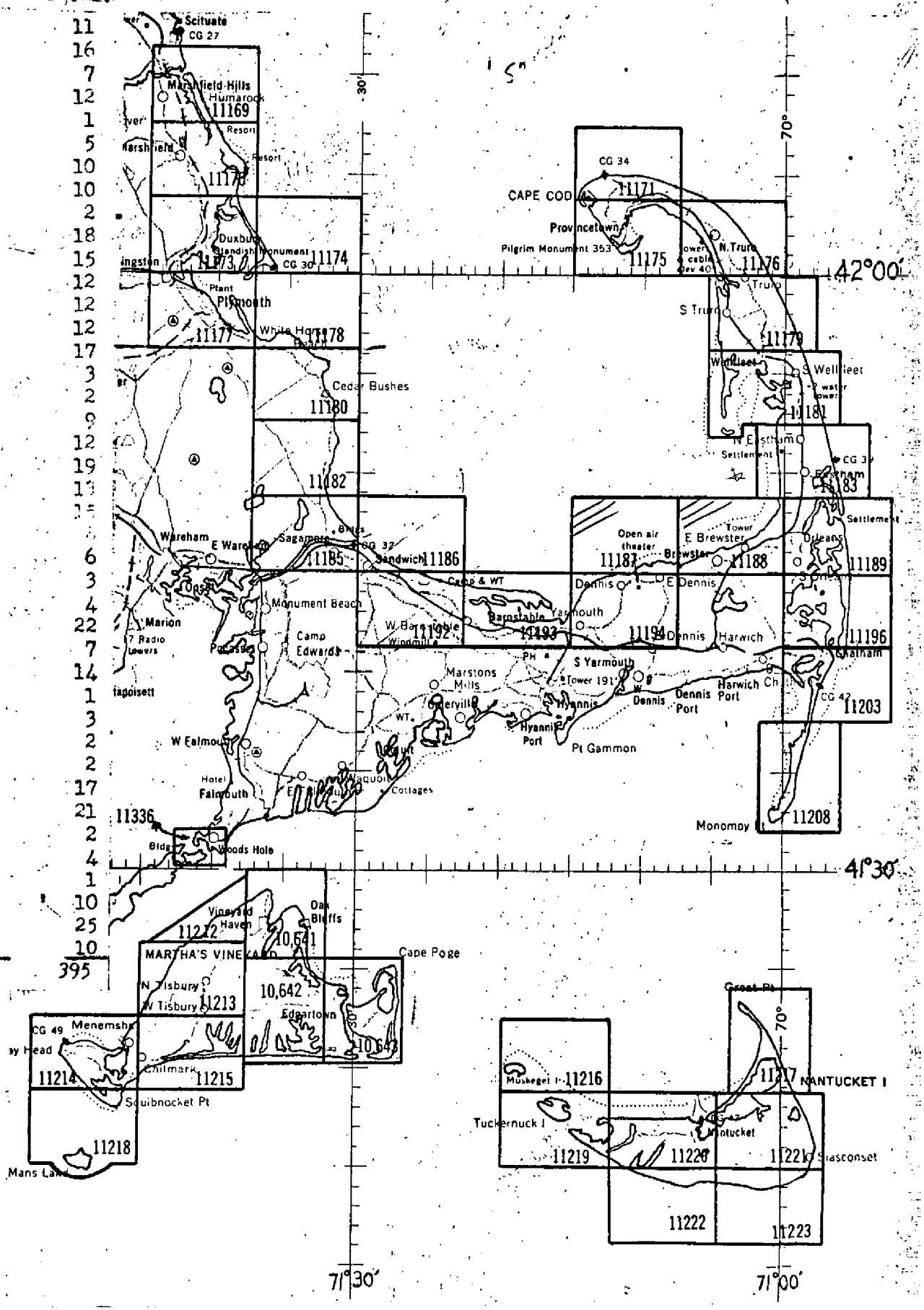
M-2618-12(4)

# CAPE COD, MASS.

5

ficial Milage for Cost Accounts

| eet | Lin.Mi. Shoreline | Area Sq.Mi. |
|---|---|---|
| 1169 | 24 | 11 |
| 1170 | 12 | 16 |
| 1171 | 10 | 7 |
| 1172 | 26 | 12 |
| 1174 | 6 | 1 |
| 1175 | 18 | 5 |
| 1176 | 12 | 10 |
| 1177 | 14 | 10 |
| 1178 | 4 | 2 |
| 1179 | 15 | 18 |
| 1180 | 9 | 15 |
| 181 | 31 | 12 |
| 182 | 7 | 12 |
| 183 | 23 | 12 |
| 185 | 8 | 17 |
| 186 | 6 | 3 |
| 187 | 5 | 2 |
| 188 | 13 | 9 |
| 189 | 20 | 12 |
| 192 | 5 | 19 |
| 193 | 32 | 13 |
| 194 | 7 | 15 |
| 196 | 14 | [illegible] |
| 203 | 24 | 6 |
| 208 | 14 | 3 |
| 212 | 12 | 4 |
| 213 | 7 | 22 |
| 214 | 22 | 7 |
| 215 | 25 | 14 |
| 216 | 5 | 1 |
| 217 | 22 | 3 |
| 218 | 9 | 2 |
| 219 | 12 | 2 |
| 220 | 24 | 17 |
| 221 | 20 | 21 |
| 222 | 6 | 2 |
| 223 | 7 | 4 |
| 236 | 7 | 1 |
| 241 | 18 | 10 |
| 242 | 12 | 25 |
| 243 | 40 | 10 |
| [illegible] | 607 | 395 |



Summary to Accompany Descriptive Reports
T-11187 and T-11188

T-11187 and T-11188 are two of forty similar surveys comprising Project PH-116. Project coverage includes (1) Cape Cod Bay shoreline, (2) approximately one half of the east shore of Cape Cod, and (3) the islands of Martha's Vineyard and Nantucket. The subject maps cover the Cape Cod Bay shoreline in the Dennis - Brewster area.

2. AREAL FIELD INSPECTION

The area covered by the sheets is chiefly grass and brush covered dunes, interspersed with marsh, along Cape Cod Bay.

U. S. Highway No. 6 enters the area near the junction of the sheets and continues eastward to the limit of T-11188(  ). The area between the highway and the shore is a rather densely populated rural section with small business centers at Brewster and East Brewster. South of the highway, the area is hilly and covered with woods, with very sparse population.

Nickerson State Park is a recreation area near the SE. corner.

The branch of the New York, New Haven and Hartford Railroad which crosses T-11188(  ) is little used. There is no passenger service and only an occasional freight train.

The field inspection is believed to be complete.

The photographs are of adequate quality. Field work has been done on photographs DPL-3K-29; DPL-4K-44 through DPL-4K-47; DPL-4K-82 through DPL-4K-84; DPL-4K-99 through DPL-4K-101; DPL-4K-106; and DPL-5K-11.

3. HORIZONTAL CONTROL

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

The following third-order traverse stations of the Massachusetts Geodetic Survey were recovered and identified: 139L, 140J and 140K.

The following stations have been reported as lost on Form 526: EAST DENNIS SESUIT FISH FREEZING STACK 1933; BREWSTER WAHTONAH CAMP FLAGPOLE 1933; LONE POLE 1887; NECK 1887; and BAKERS POND 1887.

4. VERTICAL CONTROL

There are no tidal bench marks.

5. CONTOURS AND DRAINAGE

Contours inapplicable. All drainage is tidal through marsh. There is no perennial drainage above marsh level. There are a number of ponds in the interior.

6. WOODLAND COVER

Inapplicable.

7.m SHORELINE AND ALONGSHORE FEATURES

The mean high water line for the most part follows a sand or rocky beach and is visible on the photographs as a dark line. The nature of the shoreline covered by photograph DPL-4K-47 requires some clarification. Dense grass grows in the water beyond the fast ground. At low water, the appearance of the grass is more or less the same throughout, except that the ground slopes from the shore. At high water, the higher grass near the shore appears as dense marsh. Further from the shore, the grass gradually becomes submerged until it appears as scattered grass in water. Through much of the photograph there is a sandbar paralleling the shore that can be considered as separating the marsh from the grass in water. Where there is no sandbar, the change is more gradual, but can be considered as taking place at the approximate distance from shore of the sandbars. The sandbars are mostly submerged at mean high water, except where the mean high water line has been indicated.

There is some marine vegetation offshore that lies close to the bottom and has no prominence, and should not be confused with grass in water. The marine vegetation has been indicated on the photographs. There is a slight difference in tone between the marine vegetation and the grass in water, and the compiler should have no trouble in differentiation.

There are other small areas of grass in water along other portions of the shore, and larger areas of marine vegetation, but these should cause no difficulty.

It was impractical to inspect the mean low water line at the time of field work; however, the extensive flats appearing white on the photographs and extending eastward from Sesuit Harbor were observed to bare. Photographs DPL-3K-29 and DPL-5K-11 were taken at a higher stage of tide and no low water detail is visible on them.

The foreshore is mostly sand, with some grass in water near the shore and some marine vegetation further offshore. There are several rocky areas on the foreshore along the beach. Most of these have been indicated on the photographs; however, there is a rocky area at Nobscusset Point which was not visible on the photographs and could not be outlined.

Sesuit Harbor has been dredged since time of photography, causing some changes in the mean high water line. The new mean high water line has been located by measurements from points of identifiable detail, and has been drawn on photograph DPL-3K-29.

There are no bluffs or cliffs within the area of sufficient prominence to be considered landmark features.

Wharves, piers, and similar shoreline structures have been indicated on the photographs. At Rock Harbor, most of the piers at the entrance to the harbor have been removed and a new wooden bulkhead has been constructed. The bulkhead has been drafted on photograph DPL-4K-47.

8. OFFSHORE FEATURES

There are no features beyond the mean low water line.

9. LANDMARKS AND AIDS

There are no aids to navigation. Two landmarks shown on previous charts have been verified and reported on Form 567.

10. BOUNDARIES, MONUMENTS AND LINES

Inapplicable.

11. OTHER CONTROL

Two marked recoverable topographic stations have been established and reported on Form 524, PARK and NOBS 1953. Two previously established topographic stations have been reported as lost on Form 524.

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."

A small airport has been established since photography and has been outlined on photograph DPL-4K-46. This airport has no runways and is suitable only for light planes.

La Salette Seminary, not shown on previous maps, is a Catholic institution for the training of the priesthood.

There are no bridges or cables over navigable waters.

13. GEOGRAPHIC NAMES

Two new geographic names have been added: Skymeadow Airfield and La Salette Seminary.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Letter of Transmittal No. Ph-116-2, Forms 567, to be forwarded to Washington Office at a later date.

Letter of Transmittal No. Ph-116-21, Data, Maps T-11187 and T-11188, forwarded to Washington Office

Submitted
22 October 1953

B. Frank Lampton Jr.

B. Frank Lampton, Jr.
Cartographic Sur.Aid

Approved & Forwarded

Lorin F. Woodcock

Lorin F. Woodcock
Chief of Party

PHOTOGRAMMETRIC PLOT REPORT
Project Ph-116
Survey T-11188

21. AREA COVERED

This radial plot covers the area of survey T-11188. This is a shoreline survey along Cape Cod Bay between the towns of Brewster and Rock Harbor.

22. METHOD - RADIAL PLOT

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

All control points and most of the substitute points were plotted using the beam compass and meter bar method. A few substitute points were plotted graphically.

Photographs:
Single lens photographs, taken by Robinson Aerial Surveys for Production and Marketing Administration, 1:20,000 contact scale and ratioed to 1:10,000, were used in this radial plot. Twelve (12) photographs were used, numbered as follows:

4K-44 through 4K-47
4K-81 through 4K-84
4K-99 through 4K-102

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

Closure and adjustment to control:
This radial plot was laid to tie into the multiplex bridge and work done on the survey to the south and west (Surveys T-11195 and T-11187) and the radial plot laid for survey T-11189 to the east. All control stations and points established in previous plots were held.

Transfer of Points:
This radial plot was laid directly on the map manuscript. After the templets were taped down the plot was turned over and the position of all pass points, photo-points and photo-centers were pricked directly on the map manuscript.

23. ADEQUACY OF CONTROL

The density and distribution of control was adequate. All identified control was held in this radial plot.

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.

Respectfully submitted
9 January 1958

Leroy A. Senasack

Leroy A. Senasack
Carto. Photo. Aid

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT

COAST AND GEODETIC SURVEY
CONTROL RECORD

MAP T-11187 PROJECT NO. Ph-116 SCALE OF MAP 1:10,000 SCALE FACTOR

| STATION | SOURCE OF INFORMATION (INDEX) | DATUM | LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE | | | DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD | (BACK) | DATUM CORRECTION | N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD | (BACK) | FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD | (BACK) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QUIVETTE, 1933 | G-3711 p. 197 | N.A. 1927 | 41 | 45 | 31.869 | | | | 983.2 | 867.9 | | |
| | | | 70 | 08 | 36.820 | | | | 850.6 | 535.5 | | |
| Sub. Pt. QUIVETTE, 1933 | | | 41 | 45 | | | | | 971.1 | 880.0 | | |
| | | | 70 | 08 | | | | | 852.3 | 533.8 | | |

1 FT. = .3048006 METER

COMPUTED BY: E. L. Rolle DATE 29 November 1957 CHECKED BY: B. Kurs DATE 6 December 1957

COMM-DC-57643

FORM 164
(4-23-54)

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

MAP T-11188 PROJECT NO. Ph-116 SCALE OF MAP 1:10,000 SCALE FACTOR

| STATION | SOURCE OF INFORMATION (INDEX) | DATUM | LATITUDE OR $y$-COORDINATE / LONGITUDE OR $x$-COORDINATE | DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD | (BACK) | DATUM CORRECTION | N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD | (BACK) | FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD | (BACK) |
|---|---|---|---|---|---|---|---|---|---|---|
| 140K MGS, 1929 | M.G.S. p. 53 | N.A. 1927 | 286,141.69 | 1,141.69 | (3858.31) | | 348.0 | (1176.0) | | |
| | | | 1,004,427.39 | 4,427.39 | ( 572.61) | | 1349.5 | ( 174.5) | | |
| 140J MGS, 1939 | M.G.S. p. 53 | " | 285,017.45 | 17.45 | (4982.55) | | 5.3 | (1518.7) | | |
| | | | 996,904.90 | 1,904.90 | (3095.10) | | 580.6 | ( 943.4) | | |
| NECK, 1887 | G.3694 p. 166 | " | 41° 47' 37.729" | | | | 1164.0 | ( 687.1) | | |
| | | | 70 00 04.559" | | | | 105.3 | (1280.1) | | |
| LONE POLE, 1887 | G.3694 p. 167 | " | 41 46 51.514 | | | | 1589.3 | ( 261.8) | | |
| | | | 70 01 59.376 | | | | 1371.2 | ( 14.4) | | |
| BREWSTER BAPTIST CHURCH, SPIRE, 1887 | G.3694 p. 180 | " | 41 45 33.228 | | | | 1025.2 | ( 826.0) | | |
| | | | 70 05 07.499 | | | | 173.2 | (1212.9) | | |
| CROSBY MONUMENT, 1933 | G.3711 p. 197 | " | 44 45 41.59 | | | | 1283.1 | ( 568.0) | | |
| | | | 70 05 52.49 | | | | 1212.6 | ( 173.5) | | |
| HOUSE BRICK CHIMNEY, 1933 | G.3711 p. 197 | " | 41 46 02.40 | | | | 74.0 | (1777.1) | | |
| | | | 70 05 34.87 | | | | 805.5 | ( 580.5) | | |
| FIRST PARISH CHURCH SPIRE, 1933 | " | " | 41 45 42.632 | | | | 1315.3 | ( 535.8) | | |
| | | | 70 04 57.381 | | | | 1325.6 | ( 60.5) | | |
| FIELD STONE, 1933 | " | " | 41 46 22.421 | | | | 691.7 | (1159.4) | | |
| | | | 70 03 08.303 | | | | 191.8 | (1194.0) | | |
| ALDEN, 1933 | G.3548 p. 128 | " | 41 47 40.532 | | | | 1250.5 | ( 600.6) | | |
| | | | 70 00 05.177 | | | | 119.5 | (1265.8) | | |
| BREWSTER STATION, 1887 | G.3548 p. 127 | " | 41 45 11.919 | | | | 367.7 | (1483.4) | | |
| | | | 70 04 24.941 | | | | 576.2 | ( 810.0) | | |
| MILL HILL, 1835 | G.3548 p. 131 | " | 41 46 33.524 | | | | 1034.3 | ( 816.8) | | |
| | | | 70 00 07.027 | | | | 162.3 | (1223.4) | | |

Page 14

1 FT. = .3048006 METER

COMM-DC-57843

COMPUTED BY: N. Wedemeyer DATE 12 July 1954 CHECKED BY: J. W. Vonasek DATE 9 August 1954

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT

COAST AND GEODETIC SURVEY
CONTROL RECORD

MAP T-11188 PROJECT NO. Ph-116 SCALE OF MAP 1:10,000 SCALE FACTOR

| STATION | SOURCE OF INFORMATION (INDEX) | DATUM | LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE | DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD | (BACK) | DATUM CORRECTION | N.A. 1927-DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD | (BACK) | FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD | (BACK) |
|---|---|---|---|---|---|---|---|---|---|---|
| Sub. Pt. 140K MGS, 1939 | | | 286, 119.89 | 1,119.89 | ( 3880.11) | | 341.3 | (1182.7) | | |
| | | | 1,004,479.41 | 4,479.41 | ( 520.59) | | 1365.3 | ( 158.7) | | |
| Sub. Pt. BREWSTER STATION, 1887 | | | 41° 45' | | | | 375.4 | (1475.7) | | |
| | | | 70 04 | | | | 553.0 | ( 833.2) | | |
| Sub. Pt. ALDEN, 1933 | | | 41 47 | | | | 1244.1 | ( 607.0) | | |
| | | | 70 00 | | | | 110.1 | (1275.2) | | |
| Sub. Pt. MILL HILL, 1835 | | | 41 46 | | | | 1089.7 | ( 761.4) | | |
| | | | 70 00 | | | | 196.6 | (1189.1) | | |
| Sub. Pt. 140 J, MGS, 1939 | | | PLOTTED GRAPHICALLY | | | | | | | |
| 139L MGS, 1939 | M.G.S. p. 53 | | 276,795.33 | 1,795.33 | ( 3204.67) | | 547.2 | ( 976.8) | | |
| | | | 981,565.91 | 1,565.91 | ( 3434.09) | | 477.3 | (1046.7) | | |
| Sub. Pt. 139L MGS, 1939 | | | 276,799.87 | 1,799.87 | ( 3200.13) | | 548.6 | ( 975.4) | | |
| | | | 981,601.51 | 1,601.51 | ( 3398.49) | | 488.1 | (1035.9) | | |

Page 15

1 FT. = .3048006 METER

COMPUTED BY N. Wedemeyer DATE 12 July 1954 CHECKED BY J. W. Vonasek DATE 9 August 1954

COMM-DC-5784

COMPILATION REPORT
T-11187 & T-11188

Photogrammetric positions in Survey T-11187 were established in a multiplex bridge covering Surveys T-11193 and T-11194.

Photogrammetric positions for T-11188 were established in a radial plot, the report for which is part of this descriptive report.

31. DELINEATION

The graphic method was used for delineation.

Photographs and field inspection were adequate.

There are numerous alongshore rocks (shown on chart 581) which were not identified in the field and could not be identified in the office and are therefore not on the manuscript.

32. CONTROL

The identification, density and placement of horizontal control was adequate.

Triangulation stations FIRST PARISH CH. SPIRE, 1933 and BREWSTER UNITARIAN CH. SPIRE, 1847 are reported to be the same object. (see Forms 526)

33. SUPPLEMENTAL DATA

Geographic names for these surveys were taken from three U.S.G.S. quadrangles; HARWICH, ORLEANS AND DENNIS.

34. CONTOURS AND DRAINAGE

Contours: Inapplicable.
Drainage: No comment.

35. SHORELINE AND ALONGSHORE DETAILS

Office interpretation of shoreline from the 1955 "W" photographs 2479 through 2482 was accepted to supersede 1953 field inspection on 1952 photographs. In the balance of the area covered only by 1952 photographs, the shoreline inspection was considered adequate.

The offshore limits of sand flats, approximating the low-water line was delineated by office interpretation of the photographs, except for that portion between Nobscusset Point and Sesuit Harbor which was copied from chart 581 in order to complete the approximate low-water line.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

There are two landmarks, both on T-11188, for which Forms 567 have been previously submitted by the field party.

38. CONTROL FOR FUTURE SURVEYS

One recoverable topo station has been established for each of the subject surveys.

Likewise, on each survey, one previously established recoverable topo station was searched for and reported lost. Four (4) Forms 524 are submitted herewith.

39. JUNCTIONS

Junctions has been made and is in agreement between the two surveys, and the following surveys:

T-11189 to the east.
T-11194 to the south.
T-11183 to the north.
All water area to the west.

There is no contemporary survey to the south of T-11188.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41 through 45.

Not applicable.

46. COMPARISON WITH EXISTING MAPS

T-11187: USGS quadrangle Dennis, Mass., scale 1:31,680, edition of 1943, revised 1949.

T-11188: USGS quadrangle Orleans, Mass., scale 1:31,680, edition of 1944, revised 1946 and USGS quadrangle Harwich, Mass., scale 1:31,680 edition of 1943 revised 1949.

USC&GS planimetric survey No. T-5735, scale 1:10,000 from photographs of July and November 1938.

47. COMPARISON WITH NAUTICAL CHARTS

Chart No. 581, scale 1:40,000, published March 1936 (1st edition) corrected to 9/21/53.

Items to be applied to nautical charts immediately: None.

Items to be carried forward: The many rocks awash in the area of both surveys.

Respectfully submitted
12 August 1959

Bernice Wilson
Bernice Wilson
Carto. Photo. Aid

Approved and forwarded

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

19 8-12-59

Form T-2

50 -

# PHOTOGRAMMETRIC OFFICE REVIEW

T-11187 & T-11188

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 hydro stations X 8. Bench marks X 9. Plotting of sextant fixes X 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 X 17. Landmarks ✓ 18. Other alongshore physical features ✓ 19. Other alongshore cultural features ✓

## PHYSICAL FEATURES

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

## CULTURAL FEATURES

27. Roads ✓ 28. Buildings ✓ 29. Railroads ✓ 30. Other cultural features ✓

## BOUNDARIES

31. Boundary lines X 32. Public land lines X

## MISCELLANEOUS

33. Geographic names ✓ 34. Junctions ✓ 35. Legibility of the manuscript ✓ 36. Discrepancy overlay X 37. Descriptive Report ✓ 38. Field inspection photographs ✓ 39. Forms ✓

40. R. Gleason — Reviewer; Joseph Steinberg — 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-2623-12

REVIEW REPORT
T-11187 and T-11188
August 1965

62. Comparison with Registered Bureau Surveys

| | | |
|---|---|---|
| T-1078 | 1:10,000 | 1868 |
| T-1088 | 1:10,000 | 1868 |
| T-6113 | 1:20,000 | 1934 |
| T-6114 | 1:10,000 | 1934 |

All of the prior surveys have some mapped rock information that is not shown on T-11187 and T-11188, except for this information, the new surveys supersede the prior surveys for charting purposes in the common areas.

63. Comparison with Maps of Other Agencies

USGS quads., scales 1:24,000

Dennis - 1961
Harwich - 1949
Orleans - 1962

No significant differences were noted.

64. Comparison with Registered Hydrographic Surveys

Inapplicable

65. Comparison with Nautical Charts

581 - 1:40,000 - revised September 24, 1962
Pages indicating application to nautical charts have not been inserted in either of the subject Descriptive Reports.

66. Adequacy of Results and Future Surveys

These maps meet the National Standards of Map Accuracy. Except as qualified under side heading 62, the maps meet Bureau requirements.

Reviewed by:

S. G. Blankenbaker

S. G. Blankenbaker

Approved by:

Charles Thomas

Chief, Photogrammetric Branch
hch.

L. J. Woodcock

Chief, Photogrammetry Division

Chief, Nautical Chart Division

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48. GEOGRAPHIC NAME LIST

T-11187

Barnstable County
Bridge Street

Cape Cod
Cape Cod Bay
Coles Pond (~~Colts Pond on chart 581~~) OK a/w

Dennis Yacht Club

Nobscusset Harbor
Nobscusset Point

Quivett Creek
Quivett Neck

Sea Street
Sesuit Creek
Sesuit Harbor
Sesuit Neck
South Street

Whig Street

Names checked & approved 7-23-65 A. J. Wright

T-11188

Barnstable County
* Boatmeadow River OK a/w
Brewster
Brewster Cemetery
Briar Lane

Cape Cod
Cape Cod Bay
Cobbs Pond
Crosby Lane

Duck Farm Lane

East Brewster

Freemans Pond

Gar Highway

La Salette Seminary (from field photograph) OK a/w
Linnell Land Road
Little Namskaket Creek
Lower Road

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Main Street
Myricks Pond

Namskaket
Namskaket Creek
New York, New Haven & Hartford (RR)

Orleans

Quivett Creek

Rock Harbor
* Rock Creek

* Sea Pines School
Shaket Road (from T-5735) OK a/w
Skymeadow Airfield (from field photograph) OK a/w
* Stony Brook OK a/w

U. S. 6 (hwy)

* West Brewster OK a/w

~~*Discrepancy noted: See "Notes to Reviewer" for explanation.~~

Names checked
+ approved
7-23-65
A. J. Wright

T-11187 & T-11188
NOTES TO REVIEWER

Note discrepancy between chart 581 and Harwich quadrangle in the placement of geographic name WEST BREWSTER (T-11188).

Other Discrepancies

| Chart 581 | Harwich quadrangle | Orleans quadrangle | Dennis quad. | Field Inspection |
|---|---|---|---|---|
| Herring River OK agw | ~~*Stony Brook~~ | | | |
| Boat Meadow River OK agw | | ~~*Boatmeadow River~~ | | |
| Rock Harbor Creek OK agw | | ~~*Rock Creek~~ | | |
| | ~~Sea Pine School~~ | | | *Sea Pines School OK agw |
| ~~Colt Pond~~ | | | **Coles Pond OK agw | |

* Used on manuscript T-11188

** Used on manuscript T-11187

Names checked & approved
7-23-65
A. J. Wright

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## RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T-11187 & 11188

### 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 Review.

| CHART | DATE | CARTOGRAPHER | REMARKS |
|---|---|---|---|
| 339 | 8-30-72 | Linda R. Everhart | Full ~~Part Before~~ After Verification Review Inspection Signed Via |
| | | | Drawing No. #12 EXAM - NO CRITICAL CORRECTIONS |
| | | | |
| 581 | 12-11-72 | Q Heeley | Full ~~Part Before~~ After Verification Review Inspection Signed Via |
| | | | Drawing No. 13 NO CORR |
| | | | |
| 1208 | 3-24-73 | DL Pallone | Full [redacted] After Verification Review Inspection Signed Via |
| | | | Drawing No. 32 NO CORR THRU CH 581, #13 |
| | | | Consider Adequately applied |
| | | | Full Part Before After Verification Review Inspection Signed Via |
| | | | Drawing No. |
| | | | |
| | | | Full Part Before After Verification Review Inspection Signed Via |
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