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Diag. Cht. No. 1207-2 & 1208-2

Form 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey Shomeline
T-11175 and
Field No. Ph-116 Office No. T-11176

LOCALITY

State Massachusetts

General locality Cape Cod Bay

Locality Provincetown & North Truro

19.52-54

CHIEF OF PARTY

L.F. Woodcock, Chief of Field Party W.F. Deane, Balto. District Officer

LIBRARY & ARCHIVES

DATE January 2, 1966

USCOMM-DC 5087

T-11175 and T-11176

Project No. (II): 6h-116

Quadrangle Name (IV):

Field Office (II): Plymouth, Mass.

Chief of Party: L. F. Woodcock

Photogrammetric Office (III): Baltimore, Md.

Officer-in-Charge: William F. Deane

Photogrammetry (IV)

Copy filed in Division of

Instructions dated (II) (III): 30 April 1953

9 June 1953 (Supp.1)

9 July 1953 (Supp.2) 10 July 1953 (Letter 70-lmh)

11 Aug 1953 (Supp. 3)

28 Aug 1953 (Letter-711-aal)

Method of Compilation (III): Graphic 1957 Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): 1.000

Date received in Washington Office (IV): 17 SEP

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):

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): HIGH HEAD, 1933

Lat.:42° 03' 04.149" (128.0 m) Long.: 70° 06' 44.956" (1033.8 m)

Adjusted THE REPORT OF

Plane Coordinates (IV):

State: Mass.

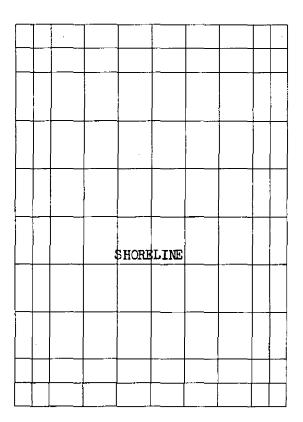
Mainland Zone:

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.





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

Form T-Page 2

DATA RECORD

Field Inspection by (II): W. M. Reynolds

B. F. Lampton, Jr.

Date: Oct.1953

Planetable contouring by (II):

Date:

Completion Surveys by (II):

Date:

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

Oct. 1953 - Field inspection on 1952 and 1953 photography, supplemented by office interpretation of 1954 photography.

Projection and Grids ruled by (IV):

A. Riley

Projection and Grids checked by (IV): H. D. Wolfe

Control plotted by (III):

D. Williams

Control checked by (III): H. R. Rudolph

H. R. Rudolph

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Contours

Date:

Manuscript delineated by (III): J. Honick

Photogrammetric Office Review by (III): R. Glaser

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

Date:

Form T-Page 3

M-2618-12(4)

1. U.S.C. & G. S. "W" camera 2. U.S.C. & G. S. "J" camera

3. P.M.A. photographs



| | | | PHOTOGRAPHS (III) | | | 3 | |
|-------------|-----|---------|-------------------|----------|-------|---------|-----|
| Number | | Date | Time | Scale | Stage | of Tide | |
| 54-W-1282 - | 83 | 4/24/54 | 1510 | 1:10,000 | 7.70 | above | MLW |
| 54-W-1292 - | 96 | # | 1510 | ,, | 7.7 1 | 100 | ** |
| DPL-5K-23 - | 27 | 7/25/52 | 1248 | n | 8.31 | | ** |
| DPL-4K-61 | | 7/13/52 | 1000 | " | -0.3! | below | MLW |
| DPL-4K-65 - | 68 | 7/13/52 | 1005 | ,, | -0.31 | 11 | 11 |
| DPL-5K-31 - | | 7/25/52 | 1257 | | 8.51 | above | MLW |
| DPL-5K-41 - | 44 | 11 | 1307 | | 8.6 | ** | ** |
| DPL-5K-49 | | | 1312 | | 8.6 | 11 | 88 |
| DPL-5K-57 - | | n | 1320 | • | 8.71 | 11 | 91 |
| 53-J-448 & | 450 | 4/29/53 | 0738 | | 2.40 | ** | 11 |

Tide (III)
From predicted Tide Tables

Reference Station: BOSTON
Subordinate Station: Race Point
Subordinate Station: Provincetown

Washington Office Review by (IV): 5.6. Blanken baker

Ratio of Range Ran

Date: July 1965

Date:

Date:

Date:

Proof Edit by (IV):

Final Drafting by (IV):

Camera (kind or source) (III):

Land Area (Sq. Statute Miles) (III): 10

Drafting verified for reproduction by (IV):

Shoreline (More than 200 meters to opposite shore) (III): 18.5 mi.

Shoreline (Less than 200 meters to opposite shore) (III): 5.3 mi.

Control Leveling - Miles (II): None

Number of Triangulation Stations searched for (II):

Number of BMs searched for (II):

Number of Recoverable Photo Stations established (III):

Number of Temporary Photo Hydro Stations established (III):

Recovered:

none

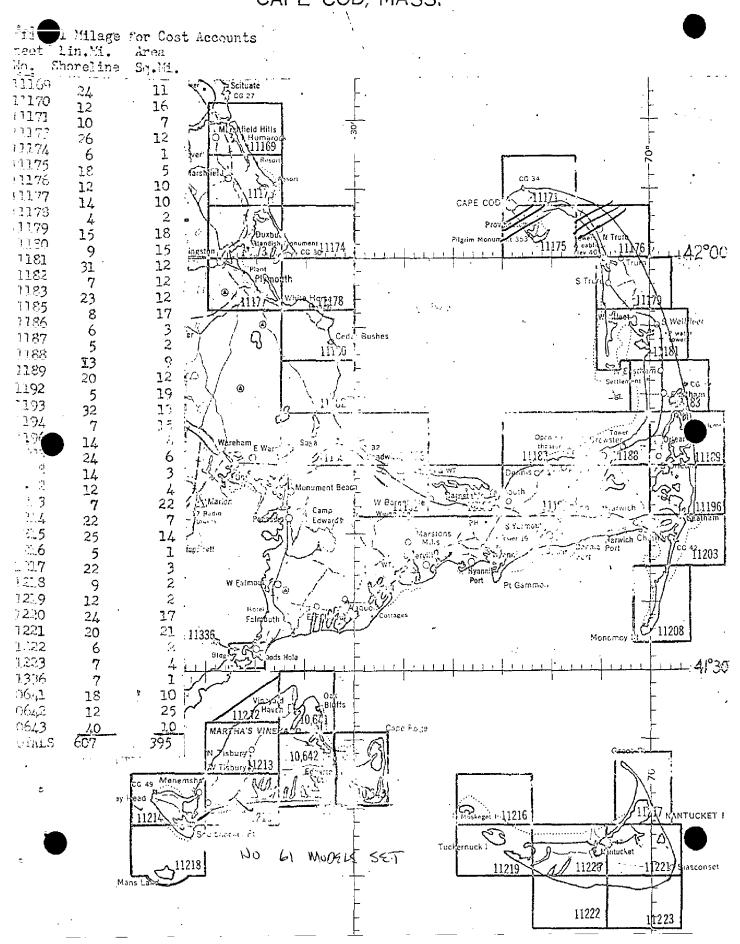
none

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A 31

Remarks:





Summary to Accompany Descriptive Report T-11175 & T-11176

The subject maps are two of 40 similar surveys comprising project PH-116. Project coverage includes: (1) Cape Cod Bay shoreline; (2) approximately $\frac{1}{2}$ of the east shore of Cape Cod; and (3) the islands of Martha's Vineyard and Nantucket. T-11175 covers Provincetown and vicinity at the extreme western end of Cape Cod; T-11176 covers a portion of Cape Cod immediately to the east of T-11175 and includes the town of N. Truro.

In accordance with instructions dated November 22, 1957, the ocean shoreline (east side of manuscript) was not compiled.

2. AREAL FIELD INSPECTION

This sheet is located at the extreme western end of Cape Cod and is composed of the town of Provincetown and Provincetown Harbor. Only a narrow strip along the northwest side of Provincetown Harbor has been developed. The remainder of the area is mostly bare sand dunes.

Provincetown is chiefly a summer resort and no industry of a sizeable nature is located there.

U. S. Highway 6 affords a good means for automobile traffic to and from the area. The New York, New Haven and Hartford Railroad affords freight service only.

Field inspection is believed complete and was performed on the following photographs: DPL-5K-33; DPL-5K-41 through 44; DPL-5K-49; DPL-5K-57 through DPL-5K-59. Photographs were of good quality and fairly recent date. No difficulty was encountered in their interpretation in the field.

3. HORIZONTAL CONTROL

All Coast and Geodetic Survey control was searched for. Stations in this area were so closely spaced that only certain selected stations were identified. Stations were identified at approx. one mile intervals. Also, stations which were located in the overlap area, between flight lines were identified where recovered.

In addition to the above, six third-order traverse stations, established by the Mass. Geodetic Survey were recovered and identified. These stations are 153D, 153F, 153G, 153T, 153U, and 153X.

The following stations were reported lost: PROVINCETOWN COLD STORAGE STACK 1933; PROVINCETOWN CAPE COD COLD STORAGE STACK 1933; PROVINCETOWN COLDLIAL COLD STORAGE STACK 1933; PROVINCETOWN FISHERMAN'S COLD STORAGE STACK 1933; PROVINCETOWN ORTHODOX CHURCH 1847; WOOD END LIGHTHOUSE BEEL TOWER 1902; HILL POINT 2 1906; HILL RANGE WEST 1902; PROVINCETOWN COURSE D REAR RANGE BEACON ECC. 1947; PROVINCETOWN COURSE D FRONT RANGE BEACON ECC 1947; PROVINCETOWN GOVERNOR BRADFORD SCHOOL CUPOLA 1933; FRONT RANGE RABT 1902; BACK RANGE EAST 1902; and 156C MASS.GEOD.SUR.1940.

4. VERTICAL CONTROL

Twelve tidal bench marks of this bureau were searched for and seven were recovered. The recovered bench marks are: NORTH TRURO TIDAL BM XVII (1889); NORTH TRURO TIDAL BM 1(1949); PROVINCETOWN TIDAL BM 7(1933); BM 8(1933); BM 9(1933); BM 10(1933); and PROVINCETOWN TIDAL BM 1 M.S.

No vertical control was established by the field party.

5. CONTOURS AND DRAINAGE

Contouring was not a part of the work requirements for this project.

There is no perennial drainage in the area.

6. WOODLAND COVER

Inapplicable.

7. SHORELINE AND ALONGSHORE FEATURES

The mean high water line was inspected by driving and walking along the beach. It has been indicated by symbol at intervals on the photographs. It was impractical to visit the area during low water for inspection of the low water line.

The foreshore along the outside coast is in all cases relatively steep and the mean low water line is fairly close to the mean high water line.

The foreshore around Provincetown Harbor is more gradual and in some places there is a distance of several hundred feet between the two lines.

There are no bluffs or cliffs in the area.

All docks, wharves, piers, etc. are adequately covered by notes on the photographs.

There are no submarine cables in the area.

8. OFFSHORE FEATURES

Two wrecks charted on Chart 580, at approx. Lat.42 02.2 and Long. 70 11.8 are no longer in existence.

9. LANDMARKS AND AIDS

All landmarks shown on Charts 580 and 1208 were inspected. Six landmarks were retained and five were recommended for deletion. No new landmarks were selected.

The targets, marking the measured nautical mile are all still in place. The targets were located previously by triangulation and have not been disturbed. Some of the targets were identified, in the overlap areas of the photographs for horizontal control. The targets, which were not identified, can be plotted from the geographic positions.

Three fixed aids to navigation, Long Point Light, Race Point Light, and Wood End Light, were all located previously by triangulation. There are no other fixed aids to navigation in the area.

10. BOUNDARIES, MONUMENTS AND LINES

Inapplicable.

11. OTHER CONTROL

None was established.

12. OTHER INTERIOR FEATURES

All roads have been classified in accordance with Chapter 3Al of Geological Survey Topographic Instructions.

All buildings were inspected and classified in accordance with Paragraph 5446 of the Topographic Manual.

There are no bridges or cables over navigable waters.

There are no airports or landing fields.

The urban waterfront limits in Provincetown follow the first street parallel to the shoreline and has not been indicated on the field photographs. Only the largest, most prominent buildings are to be shown. Selection of these buildings can easily be done stereoscopically by the compiler.

GEOGRAPHIC NAMES

No discrepancies were noted in charted names and no new names were added.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Letter of Transmittal No. Ph-11662, Forms 567, to be forwarded to Washington Office at a later date.

Letter of Transmittal No. Ph-116-29, Data, Map T-11175, forwarded to Washington Office OCT 26 1953

Submitted 26 October 1953

OCT 2 6 1953

Approved & Forwarded

William M. Reynolds
Carto. Survey Aid

Some I. Woodcack Cy J.M. Integerald Lorin F. Woodcock Chief of Party

2. AREAL FIELD INSPECTION

The land area is a typical dune formation, interspersed with occasional marshes and bounded by sand beaches along the Cape Cod Bay and Atlantic Ocean shores. The dunes are mostly stable and covered with grass, brush or stunted trees. Near the northwest corner of the sheet the stable dunes come to an abrupt end at High Head, and north of this point are a marsh and shifting sand dunes along the Atlantic shore.

There is scattered population along the major roads, with the chief center at North Truro. There are a number of small buildings for accommodation of tourists from North Truro northwestward along U. S. Highway No. 6.

The sheet is crossed, northwest to southeast, by U. S. Highway No. 6 and a branch of the New York, New Haven and Hartford Railroad. The railroad is little used and carries only an occasional freight train.

U. S. Highway No. 6 has been rerouted from the south to a point just southeast of North Truro. At the time of field inspection, grading operations were being started to reroute the remainder of the highway into Provincetown.

The photographs are of adequate quality. The field inspection is believed to be complete. Field work has been done on photographs DPL-4K-61, DPL-4K-65 through 68; DPL-5K-24 through 27; DPL-5K-31 and 32; 53-J-446 through 53-J-448; 53-J-450; 53-J-451; and 53-J-461.

3. HORIZONTAL CONTROL

All U.S.C.& G.S. horizontal control was searched for. All recovered stations were identified with the exception of NORTH RADIO TOWER 1933 and SOUTH RADIO TOWER 1933, which were quite close to CAPE COD LIGHTHOUSE 1877.

Attention of the compiler is called to Form 526 being submitted for stations KNOWLES 1940, ALDRICH TOWER 1932 and ALDRICH TOWER FLAGPOLE 1933. The new position of station KNOWLES 1940 should be obtained from the Mass. Dept. of Public Works.

At station KNOWLES 1940, Reference Mark No. 1 was identified rather than the station, in the event that the new position is not obtained in time for the radial plot.

No control of other agencies was recovered within this sheet.

The following stations have been reported as lost on Form 526: ALDRICH TOWER FLAGPOLE 1933 and 153B MGS.

4. VERTICAL CONTROL

The following USC&GS tidal bench marks were recovered: Cape Cod Lighthmase, Cape Cod Tidal Bench Marks XIII, 14, 15, 16; Little America Cape Cod, Tidal Bench Marks 1, and 2. All have been identified except Cape Cod Lighthouse, Cape Cod, Tidal Bench Mark XIII. The following USC&GS Tidal bench marks have been reported as lost on Form 685: Cape Cod Lighthouse, Cape Cod, Tidal Bench Mark 64; Little America, Cape Cod, Tidal Bench Marks 3, XII; North Truro, Cape Cod, Tidal Bench Mark XVI.

5. CONTOURS AND DRAINAGE

Contours inapplicable. All drainage is tidal through marsh and clearly visible on the photographs. No perennial drainage above marsh level was observed during field work.

WOODLAND COVER

Inapplicable.

7. SHORELINE AND ALONGSHORE FEATURES

The mean high water line throughout the sheet is along sand beaches and is uninterrupted by inlets or streams. It is visible throughout as a dark line, which has been indicated on the photographs. It is faint in some areas, but can easily be followed.

The photographs were taken at too high a stage of tide to permit identification of the mean low water line.

The foreshore is sand throughout.

There are extensive bluffs along the Atlantic shore from the abandoned Highland Coast Guard Station southeastward and along the Cape Cod Bay shore from the railroad crossing on U. S. Highway No. 6 southeastward. They are prominent landmark features. The bluffs are clearly visible on the photographs and are adequately portrayed by contours on the USGS North Truro Quadrangle. The bluffs are sand, and have a slope of approx. 45 degrees. Some are stable enough to support the growth of brush and grass.

There are no piers or similar shoreline structures within the sheet.

8. OFFSHORE FEATURES

There is a loading platform offshore from the fish freezing plant at Pond Village. It is clearly visible on the photographs. There is an overhead loading cable leading from the plant to the platform, the ends of which have been indicated.

9. LANDMARKS AND AIDS

Three landmarks and one aid to navigation have been recommended for charting on Form 567. Three landmarks have been recommended for deletion on Form 567. In addition to these, the radiobeacon antenna mast, storm signal tower and foghorns at Coast Guard Station No. 36 have been indicated on the photographs. The Fog horns are not in a building as shown on Chart 580, but are mounted on a concrete base.

10. BOUNDARIES, MONUMENTS AND LINES

Inapplicable.

11. OTHER CONTROL

None was established.

12. OTHER INTERIOR FEATURES

There is a military post on the Atlantic shore. According to the security officer of the post, all information concerning the post is classified, and no culture should be mapped within the limits. The limits have been indicated on the photographs.

Coast Guard Station No. 36, at Cape Cod Light, is within the sheet, and has been indicated on the photographs.

Roads have been classified in accordance with pages 5 through 7 of the U.S. Geological Survey Instructions "Mapping of Roads and Railroads."

13. GEOGRAPHIC NAMES

No discrepancies were noted during field work.

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-116-22, Data, Map T-11176, forwarded to Washington Office OCT 2 6 1953

Submitted

23 October 1953

B. Frank Lampton, Jr. Cartographic Survey Aid

Approved & Forearded OCT 26 1353

Join J. Woodcack

y J. y. F. T. Woodcack

Lorin F. Woodcock

Chief of Party

PHOTOGRAMMETRIC PLOT REPORT Project No. Ph-116 Surveys Nos. T-11176, T-11179, T-11181 and T-11183

21. AREA COVERED

This photogrammetric plot covers the areas of Surveys Nos. T-11176, T-11179, T-11181 and T-11183. These are shoreline surveys located on Cape Cod, Massachusetts extending from Herring River northward to Pilgrim Beach and from the Atlantic Ocean westward to Cape Cod Bay.

22. METHOD-RADIAL PLOT

Map Manuscripts:

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

The positions of all triangulation stations and most of the substitute stations were plotted using the meter bar and beam compass. Some of the substitute stations were plotted graphically with the steel protractor.

A sketch showing the layout of the surveys in this plot and the distribution of control and photograph centers is attached to this report. A list of control station names is also attached to this report.

Photographs:

The photographs used in the plot are as follows: Forty (40) single lens photographs taken by PMA in June and July 1952 at a scale of 1:20,000 and ratioed to a scale of 1:10,000:

DPL-3K-1 to DPL-3K-8 inclusive DPL-4K-18 to DPL-4K-61 inclusive DPL-4K-65 to DPL-4K-76 inclusive DPL-5K-15 to DPL-5K-27 inclusive DPL-5K-64 to DPL-5K-75 inclusive

Eight (8) single lens photographs taken with the C&GS "W" camera, 15 March 1955 at a scale of 1:24,000 and ratioed to a scale of 1:10,000: W-4965 to W-4967 inclusive

W-4969 to W-4971 inclusive

W-5004 and W-5005

Photograph W-4968 was also available, but was not used in the plot because it was tilted too much.

Standard symbols were used on all photographs.

Templets:

Vinylite templets were made for all photographs. The master templet was used to correct for paper distortion in the PMA photographs taken in 1952. There was no master templet available for the "w" photographs taken in 1955.

Closure and Adjustment to Control:

Vinylite base sheets were prepared in this office. All identified control was transferred to the base sheets by matching common grid lines.

Several pass points and photograph centers located on surveys Nos. T-11172 and T-11189 by previous plots were also transferred to the base sheets.

The radial plot was then constructed on the base sheets.

The templets in the area of survey No. T-11176 were laid first and a good junction was made with the plot previously constructed to the north and west of survey T-11176. The plot was then extended southward, using the templets for the 1952 PMA photographs, across surveys Nos. T-11179 and T-11181 and extending into the northern part of survey No. T-11183.

The templets for the "W" photographs were then laid holding to pass points in the southern part of survey No. T-11183, which had been established by a previous plot. After some minor adjustments where the templets for the PMA photographs joined the templets for the "W" photographs a satisfactory plot was made.

Six (6) control stations identified by the field party could not be held in the plot. (See item 23).

Transfer of Points:

The positions of all pass points and photograph centers were pricked directly on the map manuscripts by superimposing the manuscripts on the plot and matching common grid lines.

23. ADEQUACY OF CONTROL

The control was adequate except for the southeastern part of survey No. T-11183. In this area the pass points established by the previous plot could be held in the plot.

As previously stated six control stations as identified by the field party could not be held in the plot.

Survey No. T-11176:

KNOWLES RM 1, MGS, 1940 - The radially plotted position of the sub. pt. for RM No. 1 falls 1.7 mm southwest of its computed position. This was probably misidentified. There is other control nearby which was held to obtain an accurate plot and a complete investigation of the reasons for the error was not considered necessary.

HIGHLAND COAST GUARD SIGNAL MAST, 1933 - The radially plotted position of the sub. pt. for this station falls about 2.6 mm southwest of its computed position. The tower, which is the station, was identified on the photographs and pricked direct in this office. The office identification of the station was held in the plot along with other control in the area.

ALDRICH TOWER FLAGFOLE, 1933 - The radially plotted position of the station falls 0.4 mm west of its geographic position. The station falls close to the flight line of the only flight of photographs covering the area in which it is located. The flagpole has been removed and the station is lost. The center of the tower was identified as the station, but the flagpole probably was not in the center.

Survey No. T-11179

CAHOONS HOLLOW COAST GUARD STATION FLAGFOLE, 1932 - The radially plotted position of the station falls about 3.7 mm north of its geographic position. This station is completely surrounded by other stations which were held in the plot. Its geographic position places it in an all white sand area on the photographs, and its identification is probably in error.

NORTH WELLFLEET METHODIST CHURCH BELFRY, 1847. The radially plotted position of this station falls about 0.6 mm north of its geographic position. This station could not be held with NORTH WELLFLEET CONGREGATIONAL CHURCH SPIRE, 1887 - which is only about 11.5 mm east of it, or the other control in the area.

Survey No. T-11181

SAND RM 1, 1932 - The radially plotted position of the sub. pt. falls about 4.5 mm west of its computed position. It could not be held with other stations north, south, and west of it. There is some doubt as to the recovery of this station. The recovery Form 526 states that the station and RM 1 were destroyed and RM 2 was recovered. The control station identification card indicates that RM 1 was used to locate the sub. pt. and the field report states that RM 1, was recovered. In cahier No. 513 supplement page 31, L.W.S., in 1941 states "The reference marks could not be found. It is thought that the shifting sand has uprooted them".

This station was also relocated by KTA with second order accuracy in 1933. See page 17, cahier No. 513.

24. SUPPLEMENTAL DATA

None used.

25. PHOTOGRAPHS

The overlap in the line of flight and between flights was adequate. Photographic coverage was adequate.

The position of many of the photograph centers should be considered weak as they fall in water areas.

No tilt determinations were made since there was very little tilt in evidence on any of the photographs except W-4968 which was not needed in

constructing the radial plot.

Respectfully submitted 13 February 1958

Harry R. Rudolph Cartographer (Photo.)

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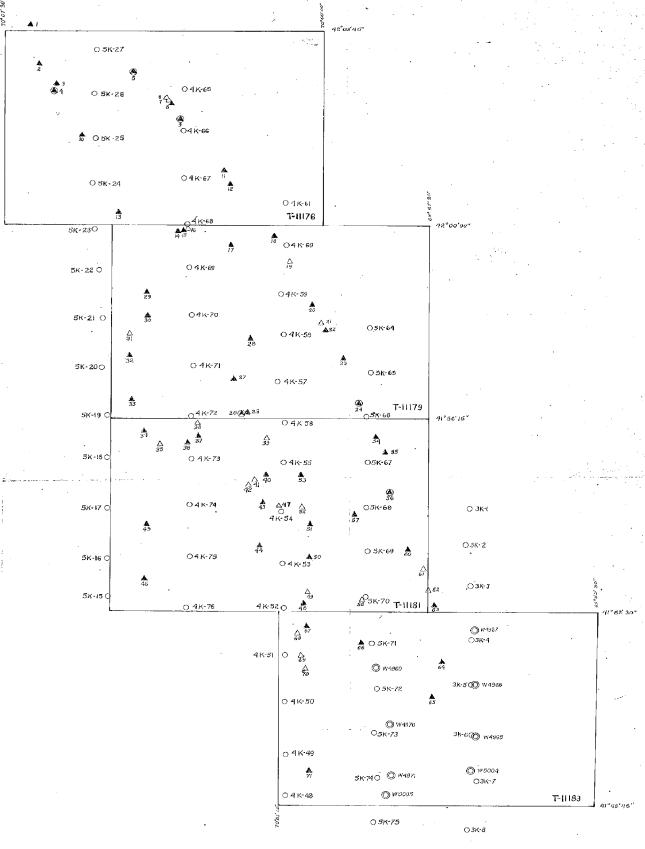
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LIST OF CONTROL

| No. | Name of Station | Identification |
|----------------------------|---|--|
| 1 2 3 4 5 | HIGH HEAD COAST GUARD SIGNAL MAST, 1933 HIGH HEAD, 1933 PROVINCETOWN PUMPING STATION STACK, 1933 KNOWLES, MGS, 1940 HIGHLAND COAST GUARD SIGNAL MAST, 1933 | Sub. Pt. Direct Sub. Pt. n |
| 6 7 8 9 10 | NORTH RADIO TOWER, 1933 SOUTH RADIO TOWER, 1933 CAPE COD LIGHTHOUSE, 1877 ALDRICH TOWER FLAGFOLE, 1933 (destroyed) NORTH TRURO COLD STORAGE PLANT STACK, 1933 | None " Direct " |
| 11 12 13 14 15 | BALL (MGS), 1937 BALL'S HOUSE FLAGPOLE, 1933 CORN HILL 2, 1933 RM 2 TRUBO TOWN HALL, 1933 TRUBO CONCREGATIONAL CHURCH SPIRE, 1933 | Sub. Pt. Direct - Direct & Sub. Pt. Direct |
| 16 17 18 19 20 | TRURO (MGS), 1937 108C MGS, 1937 108A MGS, 1937 PAMET, 1933 144V MGS, 1939 | None Sub. Pt. Direct None Sub. Pt. |
| 21 22 23 24 25 | 1440 MGS, 1939 TRURO CORNER 8, 1887 144R MGS CAHOONS HOLLOW COAST GUARD STATION FLAGPOLE, 1932 NORTH WELLFLEET CONGREGATIONAL CHURCH SPIRE, 1887 | None Sub. Pt. " " Direct " |
| 26 27 28 29 30 | NORTH WELLFLEET METHODIST CHURCH BELFRY, 1847 145 AJ MGS SNOWS FOND RM NO. 2 MGS, 1940 145AD MGS, 1939 145AA MGS | n Sub. Pt. n n n n |
| 31 32 33 34 35 | 1452 MGS TRURO WELLFLEET 6(WM) (TRURO CORNER 1), 1887 145W MGS GRIFFIN MGS, 1933 145U MGS, 1941 | None Sub. Pt. Sub. Pt. Direct None |
| 36 37 38 39 40 | 145T MGS 145S MGS HAMBLIN MOUND, 1847 145N MGS 145M MGS | Direct None Direct |

LIST OF CONTROL (cont'd)

| No. | Name of Station | Identification |
|----------------------|--|----------------|
| 41 42 | 145L MGS 145K MGS | None " |
| 43 | 145J MGS | Sub. Pt. |
| 145 144 | WASH, 1953 GREAT BEACH HILL MGS, 1933 | # # # # # |
| 46 | PEAK, 1953 | Direct |
| 47 | 1454 MGS | None |
| 48. | 145D MGS | Direct |
| 49 | EASTHAM CORNER 4, 1887 | None |
| 50 | 145e mgs | Sub. Pt. |
| 51 | 145F MGS | Direct |
| 51 52 53 54 | 145G MGS | None |
| 53 | WELLFLEET FIRE TOWER 1932 | Direct |
| 54 | 144 M MGS | Sub. Pt. |
| 55 | 1կկլ MGS | |
| 56 | SAND RM 1, 1932 | 11 91 |
| 56 57 | WELLFLEET NORTH BASE MGS, 1936 | π 11 |
| 58 | EASTHAM CORNER 5, 1887 | None |
| 60 | Life MCS | Direct |
| 61 | 144F MGS | None |
| 62 | EASTHAM CORNER 6, 1887 | n |
| 63 | 144D MGS, 1941 | Direct |
| 64 | NAUSET LIGHTHOUSE, 1932 | (f |
| 65 | NAUSET MOORS SILO, 1936 | et |
| 66 | WELLFLEET SOUTH BASE, 1936 | 'n |
| 67 | 1450 MGS | · · |
| 68 | 145B MGS | None |
| 69 | 145A MGS | 11 |
| 70 | NORTH EASTHAM, 1933 | 11 |
| 71 | HERRING, 1933 | Sub. Pt. |



LAYOUT SKETCH
PH- 116
SÜRVEYS NOS THITG THITT THIBI and THIB3
O SINGLE LENS PHOTOGRAPHS - 1952
O SINGLE LEHS PHOTOGRAPHS - 1955
A CONTROL STATIONS (IJan tified)
A CONTROL STATIONS (Not identified)
O CONTROL STATIONS (Not healtified)
CONTROL STATIONS (Not healtified)

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

SCALE FACTOR

SCALE OF MAP 1:10,000

PROJECT NO. Ph-116

COMM. DC- 57843 FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS (BACK) 20 FORWARD 27 July 1954 FROM GAID OR PROJECTION LINE IN METERS 9.626 526.0 1252.5 1617.5 897.2 194.7 665.3 6h1.0 302.2 906.2 8794 1036.0 11,82.0 1721.2 27.7 109.7 1027.8 1298.3 1356.9 1393.1 1390.5 1031.9 1111.5 1460.2 (BACK) N.A. 1927 - DATUM DATE DISTANCE FORWARD 344.5 200 391.0 369.2 127.3 0.851 348.3 552.9 60 100 0 885.8 944.9 823.3 130.0 1,94.3 715.2 1549.0 265.7 970.6 854.3 233.7 182.6 160.7 739.5 1634.1 DATUM B. Kurs OR PROJECTION LINE IN METERS DISTANCE FROM GRID IN FEET. (BACK) CHECKED BY: FORWARD LONGITUDE OR x COORDINATE 38.498 50.205 17. lob LATITUDE OR y-COORDINATE 52.964 11.550 26,686 11.966 05.534 14.932 32.139 37,135 17,920 21.17 12,673 14.972 07.574 20.987 04.213 14.816 31.084 15,143 30.627 12,190 16.022 7 July 1954 Ħ ರ 2 덩 2 덩 의 6 위 ದ H ಠ Ħ 8 Ħ 3 Ħ 03 Ħ ಠ 덩 딩 Ħ 뒤 2 2 3 2 70 7 2 24 2 2 2 2 겈 2 72 77 걐 겈 7 2 얼 걸 DATE... DATUM N.A. = 车 # # = E 2 = 霊 8 SOURCE OF COMPUTED BY. J. Tolodsiecki G-3711 p. 200 G-3723 P- 215 p. 202 0-3711 p. 203 0-3711 P. 211 0-3548 p. 129 G-3711 204 G-3711 p. 202 4-372 (INDEX) 2 ± # = WOOD END COAST GUARD SIGNAL MAST, PROVINCETOWN TOWN PILCREM MONUMENT, HALL SPIRE, 1887 LONG POINT CUTER RANGE BEACON 1, LONG POINT INNER RANGE BEACON 2, LONG POINT INNER RANGE BEACON 1, LONG POINT OUTER RANGE BEACON 2, LONG POINT INNER RANGE BEACON 3, LONG POINT OUTER LICHTHOUSE, 1877 RANGE BEACON 3, WOOD END LIFE SAVING STATION CUPOLA, 1902 1 FT.=.3048006 METER PROVINCETOWN CENTER CHURCH SPIRE, 1933 STATION 图 1909 1933 1933 1933 1933 1933 1933 1933

ORM 164 4-23-54)

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MAP T. 11175

COAST AND GEODETIC SURVEY U.S. DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

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ORM 164 4-23-54)

| | | | | | | | | N.A. 1927 - DATUM | DATUM | |
|----------------------|--------------------------|---------|--------------------|--------------------------|---------|---|-------|---|--------|---|
| STATION | SOURCE OF INFORMATION | DATUM | LATITUDE OR y.COOL | LATITUDE OR V-COORDINATE | | DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS | DATUM | DISTANCE FROM GAID OR PROJECTION LINE IN METERS | | FROM GRID OR PROJECTION LINE IN METERS |
| | (INDEX) | | | | FORWARD | (BACK) | | FORWARD | (BACK) | FORWARD (BACK) |
| PROVINCETOWN SOUTH- | 0-3711 | N.A. | 717 | 01 55.995 | | | | 1727.6 | 123.6 | |
| BEACON, 1906 | p. 204 | 1927 | 70 | 12 33.818 | | | | 777.9 | 602.3 | |
| Sign | | <u></u> | 42 | 02 5h,51h | | | | 1682.0 | 169.3 | |
| BEACON. 1906 | - | : | 70 | 13 12,046 | ,, | | | 277.0 | 1102.8 | |
| PROVINCETOWN SOUTH | | I | 42 | 02 16.0h | - | | | 6-464 | 1356.3 | |
| EEST HANGE ABOUT | | ! | 20 | 12 10,218 | | | · - | 235.0 | 1115.0 | |
| PRO VINCETOWN | 11.75-0 | = | 142 | 03 09.07h | | | | 280.0 | 1571.3 | |
| | he cor | : | 70 | 11 34.934 | | | | 803.3 | 576.h | |
| PROVINCETOWN | # | ==== | 42 | 03 08.959 | | | | 276.h | 1574.8 | |
| MAST, 1933 | | | 70 | 18.867 | - | | | 433.9 | 945.9 | |
| PROVINCETOWN GHIR CH | 4-372 | | 112 | 03 01.19% | | | | 16.1 | 1805.1 | |
| | 19. cut | | 70 | 11 20.047 | | | | 461.0 | 918.8 | |
| PROVINCETOWN NORTH | G-3711 | | 142 | 03 18.95 | | | | 584.7 | 1266.5 | |
| N. 190 | p• 204 | B . | 20 | 12 43.30 | | | | 7.566 | 384.0 | |
| ICHI | q-369h | -,1 | 77 | 01 58.860 | | | | 1816.0 | 35.2 | |
| HOUSE, LOTT | p• 135 | 7 | 70 | 10 09.058 | | | | 208.4 | 1172,1 | |
| RACE POINT | 7696-0 | | 1,2 | 996•εη εο | | | | 1356.5 | 494.7 | - 2 |
| LIGHTHOUS IS TO! | p• 455 | , | 70 | 14 37.034 | | | | 851.5 | 528.1 | 1 |
| FOWN | COURSE G-7301 | | 142 | 03 20.032 | Č. | | | 618.1 | 1233.1 | |
| | p. 512 | £ | 70 | 13 35.737 | | | | 821.8 | 557.9 | |
| PROVINCETOWN COURSE | s 22 | * | 142 | 03 34.316 | | : | | 1058.8 | 792.₺ | |
| BEACON, 1947 | - | | 70 | 13 18.934 | | | | 435.4 | 944.3 | |
| 153T MCS, 1940 | M.G.S. | 1 | 385, | 385,427.28 | 427.28 | 4572.72 | | 130.2 | 1393.8 | |
| | 9 | 2 | 710 | 77 0-0 71 | 77 0-0- | 10 4000 | | - | 4 470 | |

IFT = 3048006 METER COMPUTED BY J. Tolodsleckt

8 July 1954

DATE

CHECKED BY....

B. Kurs

27 July 1954 . DATE.... COAST AND GEODETIC SURVEY CONTROL RECORD U.S. DEPARTMENT OF COMMERCE

SCALE FACTOR

SCALE OF MAP 1:10,000

PROJECT NO. Ph-116

MAP T.11175

DESCRIPTIVE REPORT

DISTANCE FROM GAID OR PROJECTION LINE FROM GRID OR PROJECTION LINE IN METERS (BACK) 22 FORWARD 637.8 574.9 128.6 904.9 237.8 375.h 286.7 113.8 1310.5 1105.1 621.6 575.1 1522.8 1393.8 1421.2 969.7 (BACK) N.A. 1927 - DATUM FORWARD 102.8 174.5 886.2 1.2 118.9 902. h 946.3 949.1 918.9 130.2 554.3 1286.2 1118.6 1093.3 1410.2 1395.h DATUM OR PROJECTION LINE IN METERS DISTANCE FROM GRID IN FEET. 1,427.52 121.91 780.07 2092, 45 3625.79 1231,63 1886.86 1886.04 4572.72 1996-01 373.12 1,662,72 2039.47 3181.34 (BACK) FORWARD 337.28 572.48 3.99 3113.96 427.28 2907.55 3113.14 1818,66 4219.93 1374,21 3768.37 2960.53 4578.09 4626.58 Plot Graphically Plot Graphically LATITUDE OR V.COORDINATE 30.672 47.536 970, 572. LB 946,818,66 385,427.28 387,907.55 955,337.28 390,003,99 963,113.96 389,219,93 947,960.53 389,578.09 963, 113,14 966,374.21 388,768,37 389,626.58 H 92 20 S DATUM N.A. N.A. 1927 = = # = # £ Ħ F SOURCE OF M.G.S. p. 17 M.G.S. P. 18 M.G.S. P. 18 M.G.S. p. 17 M.G.S. P-17 M.G.S. p. 18 G-4825 P- 341 (INDEX) 153 F MGS, 1940 153 0 MOS, 1940 153 X MGS, 1940 153 U MGS, 1940 Sub. Pt. 153 G MGS, 1940 153 D MCB, 1940 153 T MGS, 1940 TELEGRAPH HILL, STATION Sub. Pt. 153 D MGS Sub. Pt. 153 F MGS 1902

ORM 164 4-23.54)

DATE

COMPUTED BY. J. Tolodziecki

1 FT. - 3048006 METER

8 July 1954

CHECKED BY B. Kurs

DATE 27 JULY 1954

COMM- DC- 57843

U.S. DEPARTMENT OF COMMERCE

ORM 164 4-23-54)

DESCRIPTIVE REPORT

COAST AND GEODETIC SURVEY CONTROL RECORD

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| 3 0-371 12 00 52-586 1622-4 228-7 148-5 1232-1 123-1 123-1 123-1 123-1 123-1 123-1 123-1 123-1 123-1 123-1 123-1 123-1 123-1 123-1 123-1 123-1 123-2 123-1 123-2 123 | | | 1927 | 90 | - | | | |
| 13 P + 200 R 70 02 064,655 148,5 1232.1 122.1 R 142 02 25,396 783.6 1067.6 123.1 R 142 02 27,137 837.3 1013.9 123.1 R 12 02 27,137 837.3 1013.9 123.1 R 12 02 26,18 173.3 117.9 123.1 R 12 02 26,18 173.3 117.9 123.1 R 12 02 26,18 173.3 117.9 123.1 R 12 02 39,75 1226,4 624,8 123.1 R 12 02 37,25 65,6 65,6 123.1 R 12 03 37,25 65,6 136,6 123.1 R 12 03 13,625 136,0 13,625 123.1 R 12 02 22,555 695,9 1180.4 200.5 123.1 R 12 02 22,555 136,0 1180.4 200.5 123.1 R 12 03 39,84 1180.4 200.5 123.1 R 12 03 39,84 1180.4 200.5 123.1 R 12 03 39,84 1180.4 200.5 123.1 R 123 133.4 1954 138.6 138.6 138.6 123.1 R 12 12 12 12 12 12 12 | BALL'S HOUSE | 0-3711 | | 25 00 | | | | |
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| No. 0-3711 | | P• 202 | F | 03 | - | | | |
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| COLD 0-3409 " | PROVINCETOWN PUMPTING STATION | 0-3711 | | 8 | | | | 35 |
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| HTLL 2, 1933 p. 199 at the coo 13.625 HOUSE, 1877 p. 129 TO 04 51.289 COD (COD (HOS) 1299 TO 04 51.289 TO 04 51.289 TO 03 39.843 HOUSE, 1877 p. 129 TO 03 39.843 SOCCOUNTY (HOUSE) HOUSE, 1877 p. 129 HOUSE, 1877 p. 129 TO 03 39.843 SOCCOUNTY (HOS) P. 129 TO 03 39.843 TO 04 51.29 TO 05 39.843 TO 07.7 1072.9 HOUSE, 1877 p. 129 TO 13.625 TO 13.625 TO 13.625 TO 13.625 | | 0-3771 311 | I | đ | | | - | . , |
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| COD G-3546 # 42 02 22.555 695.9 1185.3 (695.9 1155.3 70 03 39.843 (916.5 463.6 1150.8 18.7 p. 129 1954. | 8 | 6 6 | * | 80 | | | | - 2 |
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COAST AND GEODETIC SURVEY CONTROL RECORD U.S. DEPARTMENT OF COMMERCE

SCALE FACTOR

SCALE OF MAP. 1:10,000.

DESCRIPTIVE REPORT

PROJECT NO. Ph-116

MAP T. 11176

овм **164** ,4-23-54)

COMM- DC-57843 FROM GAID OR PROJECTION LINE FROM GRID OR PROJECTION LINE
IN METERS (BACK) 24 FORWARD 22 July 1954 21,6.9 691.9 906.8 1449.9 131.3 1798-7 840.5 893.6 1731.8 1702.3 1060-9 352.2 (BACK) N.A. 1927 - DATUM FORWARD 119.4 101.3 687.9 473.h 1,86.8 11/8.9 1134.0 1720.0 1010.6 52.4 319.7 1027.6 DATUM CHECKED BY B. Kurs OR PROJECTION LINE IN METERS DISTANCE FROM GRID IN FEET. (BACK) FORWARD LONGITUDE OR x-COORDINATE LATITUDE OR W-COORDINATE 20.578 03.870 9 July 1954 8 8 8 경 6 8 8 70 8 8 8 ಠ 2 갴 3 2 겈 2 각 2 깈 2 2 3 DATUM N.A. 1927 SOURCE OF 0-3711 p. 200 (INDEX) COMPUTED BY. W. Medemayer Sub. Pt. HIGHLAND COASTRUARD SIGNAL MAST. 1933 ALDRICH TOWER, FLAG POLE, 1933 (DESTROYED) CORN HILL 2,1933 HIGH HEAD, 1933 BALL MCS, 1937 1 FT. = .3048006 METER ENOWIES, 1940 STATION Sub. Pt. Sub. Pt. Sub. Pt. Sub. Pt.

DATE

DATE.

COMPILATION REPORT T-11175 & T-11176

The photogrammetric plot report for T-11176 is a part of this report. No photogrammetric plot was required for T-11175 since each photograph was fixed by identified control and no bridging needed.

31. DELINEATION

Graphic methods were used to delineate this manuscript.

The road under construction (U.S. No. 6) was delineated to the extent covered by latest photography (April 1954).

The interior limits of delineation were generally back to the main road (Gar Highway) paralleling the shoreline. (see revised project instructions dated 22 November 1957, paragraph 4)

32. CONTROL

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

33. SUPPLEMENTAL DATA

The U. S. G. S. Quadrangles Provincetown and North Truro, Massachusetts, were used for geographic names.

34. CONTOURS AND DRAINAGE

Contours: Inapplicable.
Drainage: No comment.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline inspection was adequate.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

Forms 567 have been submitted for the following:

- 1. Nine landmarks to be charted.
- 2. Four aids to be charted.
- 3. Seven landmarks to be deleted.

Field report states that there are eight landmarks recommended for deletion, but forms 567 submitted by field party accounts for only seven.

38. CONTROL FOR FUTURE SURVEYS

None established.

39. JUNCTIONS

Junctions are in agreement with T-11171 to the north and T-11179 to the south. All water areas to the east and west.

40. HORIZONTAL AND VERTICAL CONTROL

Refer to Photogrammetric Flot Report.

41. - 45.

Inapplicable.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with the following:

- 1. U.S.G.S. Quadrangle, Provincetown, Mass., scale 1:31,680, edition of 1944, revised 1949.
- 2. U.S.G.S. Quadrangle, North Truro, Mass., scale 1:31,680, edition of 1944, revised 1948.
 - 3. T-5731, Provincetown and vicinity, scale 1:10,000.
 - 4. T-5732, Truro and vicinity, scale 1:10,000.

47. COMPARISON WITH NAUTICAL CHARTS

These manuscripts have been compared with Chart No. 580, scale 1:20,000, published December 1944 (2nd edition) corrected to 12/23/52.

Items to be applied to Nautical charts immediately: None.

Items to be carried forward: None.

Respectfully submitted

7 May 1959

Jack Honick

Carto. Photo. Aid

Approved and forwarded

William J. Deane

William F. Deane,

CDR. C&GS

Baltimore District Officer

NOTES TO REVIEWER

Refer to Item 3 of Field Inspection Report for T-11176.

The new geographic position for KNOWLES, MGS, 1910 (which was reset) was not obtained by the compilation office because it was not required to complete the radial plot.

The Sub. Pt. for KNOWLES RM 1 was misidentified and therefore the manuscript shows its computed position as well as its radially plotted position.

Review Report T-11175 July 1965

62. Comparison with Registered Topographic Surveys

T-5731 (photogrammetric survey) 1:10,000 1943

In Provincetown Harbor some foreshore features (piers, groins, and ruins of groins and other features) mapped on prior survey T-5731 are not shown on T-11175. The photography is not sufficiently clear to verify through office inspection the non-existence of remains of these features that constitute hazards to navigation at tide stages above MLW. Except for this qualification T-11175 supersedes the prior survey for charting purposes in the common area.

63. Comparison with Maps of Other Agencies

USGS quadrangle Provincetown, Mass. 1:24,000 1958

No significant differences were noted.

64. Comparison with Contemporary Hydrographic Surveys

Inapplicable

65. Comparison with Nautical Charts

580

1:20,000

Revised 1962

The form indicating application to nautical charts has not been inserted in the subject Descriptive Report. Sources of charted topographic information include: (1) T-5731 (side heading 61); (2) 1954 photography (applied in 1954 directly to the chart base); and (3) other more recent data.

66. Adequacy of Results and Future Surveys

This map meets the National Standards of Map Accuracy and Bureau requirements.

Reviewed by

S. G. Blankenbaker

Approved by

Chief, Photogrammetric Branch

Chief, Photogrammetry Division

Chief, Nautical Chart Division



6-11-59

Form T-2

<u> 50 -</u>

PHOTOGRAMMETRIC OFFICE REVIEW

T- 11175 \$ 7-11176

| | CONTROL STATIONS | 4a. Classification label |
|--|--|---|
| 5. Horizontal control stations of third-order | , | |
| than third-order accuracy (topographic stati | | |
| 9. Plotting of sextant fixes10. Ph | | |
| 9. Flotting of Sextant fixes | iotogrammento pior report | 11. Detail points |
| | ALONGSHORE AREAS | |
| • | (Nautical Chart Data) | |
| 12. Shoreline13. Low-water line_ | 14. Rocks, shoals, etc | 15. Bridges16. |
| to navigation17. Landmarks | | |
| shore cultural features | | |
| | | |
| | PHYSICAL FEATURES | |
| 20. Water features 21. Natural gr | round cover 22. Planetable | contours23. Stereos |
| Instrument contours 24. Contours | | |
| features | • | <u> </u> |
| | | |
| | CULTURAL FEATURES | |
| 27. Roads 28. Buildings | 29 Railroads / 30 Other | cultural features |
| | | |
| | 50. Other | |
| | BOUNDARIES | |
| | BOUNDARIES | |
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I OF COMMERCE SETIC SURVEY COAST AND G U.S. DĒPARTMĀ

NONFLOATING AIDS OF / HANDY FRES FOR CHARTS

STRIKE OUT ONE

Plymouth, Mass.

23 October, 1953

I recommend that the following objects which have (have not) been inspected from seaward to determine their value as landmarks be charted on (deleted from) the charts indicated.

Isstah Y. Fitzgerald The positions given have been checked after listing by

/s/ Lorin F. Woodcock

580, 1207, 1208 580, 1207, 580, 1207, 1207, CHARTS AFFECTED Chief of Party. 30 580. 1206 DEFENDRE CHART INSHORE CHART TRAND ROBBAN LOCATION 1877 1877 1877 1877 DATE Triang. LOCATION AND BURVEY No. Triange 4-11-4 METHOD # DATUM 1927 37.034 885.8 09.058 208.1 39.813 916.1 D.P. HETERS 38-198 LONGITUDE * 70 10 POSITION 70 03 0 1816.0 1816.0 22.555 1356.5 D, M. METERS 13.966 695.9 LATITUDE # Ö 02 8 8 0 Ч SIGNAL NAME (No. 352) (Long Point Lighthouse, 1877) (No. 353) (Cape Cod Lighthouse, 1877) (No. 53) (Race Point Lighthouse, 1877) (Wood End Lighthouse, 1877) DESCRIPTION MASSACHUS ETTS CHARTING LONG POINT RACE POINT STATE CAPE COD NO CIND LIGHT LIGHT

Comm-DC 28356 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.

TABULATE SECONDS AND METERS

OF COMMERCE SETIC SURVEY U.S. DÉPARTMÈ COAST AND G

MONFIAMATING AND OR LANDMARKS FOR CHARTS

STRIKE OUT ONE 46/ H4/6/H/EMAN TO BE CHARTED

Plymouth, Massachusetts

1953

23 October

(s/ Lorin F. Woodcock

I recommend that the following objects which have (francier) been inspected from seaward to determine their value as landmarks be charted on (determinated) the charts indicated.

- Isaiah Y. Fitzgerald The positions given have been checked after listing by

580, 1208 580, 1206 CHARTS AFFECTED Chief of Party. # # Ð OFFSHORE CHART TAAND JROHENI HYEROE CHYEL LOCATION 197 1909 1933 1887 1933 DATE # Tri ang. METHOD OF LOCATION AND BURVEY No. T-11179 T-11176 Tri ang, ţ E . DATUM N.A. 1927 Þ 20.987 182.6 803.3 05.534 12-101 20.017 129.6 06.155 D. P. METERS 34.934 32,139 20, 758 18.68 127.3 739.5 **LONGITUDE*** 8 20 02 6 70 11 POSITION 20 2 0 20 8 280.0 280.0 11.966 D. M. WETERS υς•ες 533•1 01-195 1226.1 52.586 03.870 1622. ls 11,932 04.213 369.2 130.0 39.75 119. 16.1 LATITUDE* 8 8 8 8 8 03 ð 8 엉 ۰ ભુ ध Ŋ Ø Ŋ Ŋ 잌 Ø SIGNAL NAME Province town, from Hall Spire, 1887) 1933) 75 ft. high (90) Provincetown Pumping Station Stack, (Provincetown, Center Ch. Sp., 1933) 104 ft. high (120) 115 ft. Mgh (124) (Provincetown, Universalist Ch. Sp. (Wood End Coast Guard Signal Man Aldrich Tower, Flagpole, 1933) 52 ft. high (207) (Ball's House, Flaggole, 1933) (Provincetown Standpipe, 1933) 1847) 106 ft. high (116) Pilgrim Monument, 1909 1933) 51 ft. high (70) DESCRIPTION 115 ft. high (180) 252 ft. high (342) MASS ACHUS ETTS CHARTING STANDPIPE TOWN HALL) FLAGFOLE MONUMENT STATE PILORIN

SIGNAL

HAST

STACK

TOWER

SPIRE

CHURCH

SPIRE

SPIRE

Comm-DC 28356 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.

3

* TABULATE SECONDS AND METERS

E OF COMMERCE BETIC SURVEY U.S. DEPARTME

NONFHORTHY / ALPS/1914 LANDMARKS FOR CHARTS

19/94/94/9794/ STRIKE OUT ONE

Plymouth, Massachusetts

/s/ Lorin F. Woodgock

I recommend that the following objects which have (1994) been inspected from seaward to determine their value as landmarks be 1994 (deleted from) the charts indicated.

The positions given have been checked after listing by

| | | | | | | | | | | 7 | Chief of Party. | arty. |
|----------|----------------------------------|--------|----------|--------------|----------|-------------|------------|---------------|------|--------|-----------------|-----------|
| STATE | MASSACHIBECTUS | | | | POSITION | | | METHOD | | THA | LHYH | |
| | | | LAT | LATITUDE* | LONG | LONGITUDE # | | LOCATION | DATE | K CHY | <u></u> | CHARTS |
| CHARTING | DESCRIPTION | SIGNAL | 0 | D. M. WETERS | • |) P MFTPB4 | DATUM | SURVEY No. | S | OOUY H | N#110 | 'ECTED |
| SIGNAL | | | | , | | | N.A. | T-1117 | | | - | |
| MAST | (Difficult to see. Por landmark) | | 112 03-1 | | E-17 02 | | 1927 | Triange | 1933 | × | 8 | 580, 1208 |
| STACK | (Has been torn down) | | 12 03.0 | | 70 11.3 | | * | • | * | H | # | = |
| STACK | (Has been torn down) | | 12 02.7 | • | 70 11.5 | | · F | | - = | × | .= | |
| CUP | (Has been torn down) | | 1,2 02.9 | | 9.11.07 | | • | * | 2 | H | = | # |
| STACK | (Ghy on Chart 1208). Obscured. | | 12 01.8 | | 70 05.6 | | # | T-11176 | * | H | · \$2° | . * |
| SIGNAL | (No longer exists) | | 12 02.5 | | 70 Oh. 5 | | 1 | *: | 3 | H | | • |
| TANK | (No longer exists) | | 12 00.1 | | 70 OL. | | 8. | 0 | , | , 5 | 1208 | 40 |
| | : | | | | | | | | | | | |
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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.

* TABULATE SECONDS AND METERS

Comm-DC 28356

48. GEOGRAPHIC NAME LIST

Cape Cod Bay Castle Road Corn Hill Corn Hill Road

9 &

Gar Highway Great Hollow Great Hollow Road Great Swamp

Harbor Bar High Head Highland Road

Little Pamet River

Moon Pond

New York New Haven and Hartford (R.R.) North Truro

Our Lady of Perpetual Help Church

Peters Hill
Pilgrim Beach
Pilgrim Heights
Pilgrim Lake
Pond Village

U. S. 6 (Hwy)
U. S. 6-A (Hwy.)

Village Pond

Names checked
Names checked
** 2 pproved
** 2 pproved
** 2 3 - 65
** 7 - 23 - 65
** A. J. Wrangett

48. GEOGRAPHIC NAME LIST

Barnstable County Beach Hwy Bennett Pond Bradford St.

Cape Cod Cape Cod Bay Center Church Christian Science Church Clapps Pond Clapps Round Pond Commercial St.

Duck Pond

Gar Hwy

Hatches Harbor Herring Cove

Long Point

Municipal Wharf

New York New Haven and Hartford (R. R.)

Pasture Pond Pilgrim Beach Pilgrim Lake Pilgrim Monument Provincetown Provincetown Beach Provincetown Harbor

. Race Point Rd.

okaju Shank Painter Bar Shank Painter Cemetery Shank Painter Pond Snake Hills St. Peter Church

> Telegraph Hill Town Hill

Universalist Church

U. S. 6 (Hwy.) U. S. 6-A (Hwy.)

Wood End Bar

Names checked + approved 7-23-65 a.f. Wranght

#From Chart 580 a/W

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T-11175 & T-11176

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

| Drawing No. Eyam - No corr. Made. 580 11-2017 M. H. Made B. Part Base After Verification Review Inspection Signed Drawing No. Exam. The care Full Part Bases After Verification Review Inspection Signed Drawing No. 6 M. (at. Hr. Cl. 580, PANS) 16 Full Part Bases After Verification Review Inspection Signed Drawing No. 32 EXOU-NO CORR. CONSIDERS APROXIMATELY APPLIED. Toole Miner Activities Last Full Part Before After Verification Review Inspection Signed Drawing No. Full Part Before After Verification Review Inspection Signed Drawing No. Full Part Before After Verification Review Inspection Signed Drawing No. Full Part Before After Verification Review Inspection Signed Drawing No. Full Part Before After Verification Review Inspection Signed Drawing No. Full Part Before After Verification Review Inspection Signed Drawing No. Full Part Before After Verification Review Inspection Signed Drawing No. Full Part Before After Verification Review Inspection Signed Drawing No. | CHART | DATE | CARTOGRAPHER | REMARKS |
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FORM C&GS-8352 SUPERSEDES ALL EDITIONS OF FORM C&GS-975

USCOMM-DC 8558-P63