11189 11189a

Return to T.L.

11189a 11189

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-11189 and T-11189a

LOCALITY

State Massachusetts

General locality Cape Cod Bay

Locality Little Pleasant Bay

1952-56

CHIEF OF PARTY

I.R.Rubottom, Chief of Field Party
W.F.Deane, Balto. District Officer

LIBRARY & ARCHIVES

DATE January 2, 1966

USCOMM-DC 5087

FORM 181
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

T-11189

Project No. (II): 27190 (PH-116) Quadrangle Name (IV):

Field Office (II): East Providence, R. I. Chief of Party: I. R. Rubottom

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

Instructions dated (II) (III): Copy filed in Division of Photogrammetry (IV)

Instructions, Project Ph-116, Field, Supp. II, 9 July 1953
" , " " , " , " III, 11 Aug. 1953
" , " " Office, 12 Feb. 1954
Amendment to Instructions, Project 6116, 30 November 1955
Instructions, Project 6116, Field, Supp. IV, 17 April 1956

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): WARNER, 1933

Lat.: 41° 48' 00.907" (28.0 m) Long.: 69° 56' 38.175" (881.3 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.

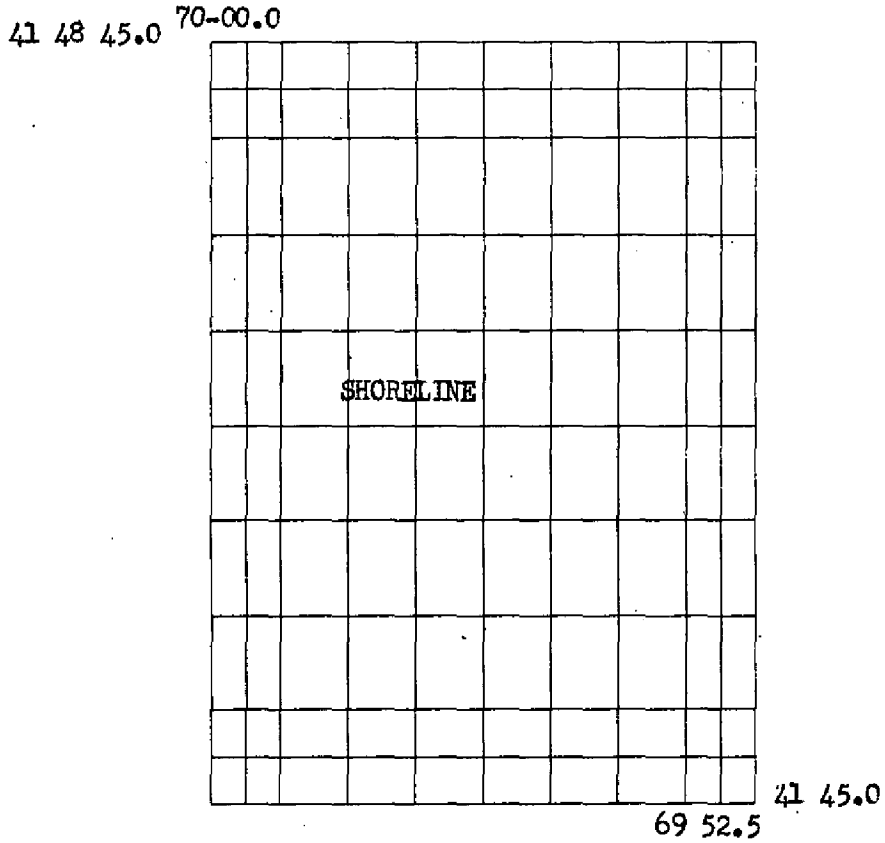
COMM-DC-57842

2

FORM 181a
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD



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

COMM-DC-57842

FORM 181b
(4-23-54)

3

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): M. C. Moody — Date: Sept., Oct. 1956

Planetable contouring by (II): — Date:

Completion Surveys by (II): — Date:

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

Field Inspection on 1955 Photography

Projection and Grids ruled by (IV): A. Riley — Date: 2/8/54

Projection and Grids checked by (IV): J. T. — Date: 2/11/54

Control plotted by (III): J. Steinberg — Date: 1/28/55

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

Radial Plot [redacted] (III): H. R. Rudolph — Date: 2/18/55

Stereoscopic Instrument compilation (III):
Planimetry — Date:
Contours — Date:

Manuscript delineated by (III): B. Kurs, J. Honick — Date: 6/8/59

Photogrammetric Office Review by (III): R. Glaser — Date: 7/30/59

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

COMM-DC-57842

FORM 181c
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

4

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

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide above MLW
DPL-5K-75 thru 77	7/25/52	1332	1:10,000	5.4' (ocean)
DPL-5K-78	"	1333	"	2.9'
DPL-3K-8 thru 11	6/3/52	1014	"	3.4' (ocean)
55-W-5001 thru 5003	3/15/55	0930	"	(0.8' (ocean) (1.2'
55-W-5005 thru 5008	"	0937	"	1.2

Tide (III)

		Ratio of Ranges	Mean Range	Spring Range
Reference Station:	BOSTON			
Subordinate Station:	NAUSET HARBOR	0.63	6.0	7.0
Subordinate Station:	PLEASANT BAY	0.37	3.5	4.1

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): 8
Shoreline (More than 200 meters to opposite shore) (III): 14
Shoreline (Less than 200 meters to opposite shore) (III):
Control Leveling - Miles (II): 5
Number of Triangulation Stations searched for (II): 20 Recovered: ~~6~~ 8 Identified: ~~3~~ 5
Number of BMs searched for (II): 3 Recovered: 3 Identified: 1
Number of Recoverable Photo Stations established (III): None
Number of Temporary Photo Hydro Stations established (III): None

Remarks:

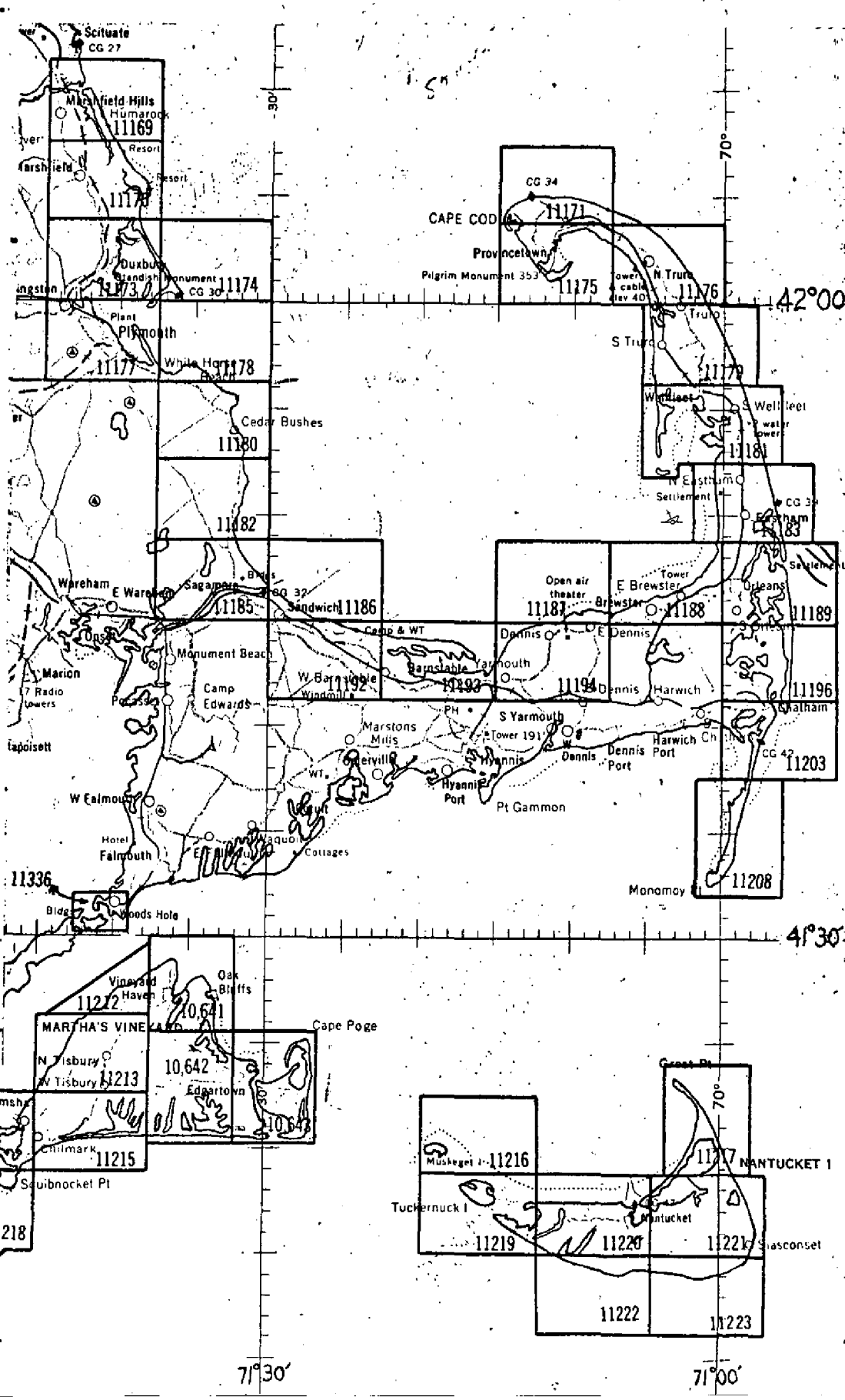
COMM-DC-57842

CAPE COD, MASS.

5

ficial Milage for Cost Accounts

Sheet	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
1181	31	12
1182	7	12
1183	23	12
1185	8	17
1186	6	3
1187	5	2
1188	13	9
1189	20	12
1192	5	19
1193	32	13
1194	7	15
1196	14	6
1203	24	6
1208	14	3
1212	12	4
1213	7	22
1214	22	7
1215	25	14
1216	5	1
1217	22	3
1218	9	2
1219	12	2
1220	24	17
1221	20	21
1222	6	2
1223	7	4
1336	7	1
10,641	18	10
10,642	12	25
10,643	40	10
TOTALS	607	395



Summary to Accompany Descriptive Reports
T-11189 and T-11196

T-11189 and T-11196 are two of forty similar surveys comprising Project FH-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 Cape Cod and Martha's Vineyard. The subject maps cover a part of the east shore of Cape Cod.

Two maps are registered for each survey. Refer to side heading 61 of the final review report.

NOTE: This is a Xerox portion of Chart T-11189A

8-10-94

SHORELINE MANUSCRIPT

T-11189a

SCALE 1:10,000

CAPE COD

NAUSET HARBOR TO LITTLE PLEASANT BAY

POLYCONIC PROJECTION

MASS. STATE GRID MAINLAND ZONE

HORIZONTAL DATUM: N.A. 1927

INCOMPLETE MANUSCRIPT

This manuscript is based on a final photogrammetric plot or field identified control, but the delineation of details is not complete. Copies are furnished at this time primarily for use of the hydrographic parties. Delineation will be completed later, after which final copies of the manuscript will be available.

41° 45'

PHY-1952

55

69°52' 30"

T-11189a

Ph-116

T-11189a

FIELD INSPECTION REPORT
Project 27190

Map
T-11189

2. AREAL FIELD INSPECTION

This map covers a portion of Cape Cod in Barnstable County, specifically the town of Orleans. The coast line has a general north-South trend and is broken only by Nauset Harbor.

The area is well settled and is chiefly a summer resort section. It is served by a good network of highways and by the New York, New Haven and Hartford Railroad.

The quality of the photographs was very good. There was no difficulty of any kind encountered in photographic interpretation. Field inspection notes appear on 1:10000 scale ratio prints of single lens photographs 55-W-5000 through 55-W-5009.

3. HORIZONTAL CONTROL

There was no supplemental control established.

All control is on the North American Datum of 1927.

Triangulation stations MAYO, 1868 and SAMPSON, 1868 were to be identified if recovered in accordance with horizontal control requirements. Neither of these stations were recovered.

There is a signal mast now standing at the abandoned Orleans Coast Guard Station and the footings of another signal mast which was torn down many years ago. No definite information could be obtained in order to establish the actual construction date of the mast now standing. Consequently, it is not known whether this is ORLEANS COAST GUARD STATION SIGNAL MAST, 1934 or not.

The following stations were reported lost:

Cost Guard Station No. 40, 1920
Cove School, 1868
Cummings F. Cupola, 1909
Freeman, 1887
Orleans Life Saving Station Cupola, 1886

4. VERTICAL CONTROL

All tidal bench marks in the area were searched for and recovered. No new bench marks of any kind were established. No geodetic bench marks were searched for.

5. CONTOURS AND DRAINAGE

Contours inapplicable.

Drainage is chiefly tidal. There are a few small perennial streams.

6. WOODLAND COVER

Woodland coverage was classified in accordance with section 5433, Topographic Manual, Part II, as for topographic maps and not as for shoreline maps.

7. SHORELINE AND ALONGSHORE FEATURES

The mean high water line was inspected from a jeep driven along the beach. The mean high water line has been symbolized on the field inspection photographs in accordance with Fig.5.22, Topographic Manual, Part II.

The foreshore is sand except for Town Cove and the northern section of Pleasant Bay which is a narrow fringe of marsh.

All piers are adequately covered by field inspection notes on photographs.

There are no cable crossings in the area.

8. OFFSHORE FEATURES

No offshore features were noted during field inspection.

9. LANDMARKS AND AIDS

All landmarks adequately covered by Form 567. There are no aids in the area.

10. BOUNDARIES, MONUMENTS AND LINES

There are no boundaries of any kind within the limits of the map.

11. OTHER CONTROL

None was established.

12. OTHER INTERIOR FEATURES

Buildings and roads were classified in accordance with Instructions, Project 6116, Field Supplement IV, 17 April 1956.

There are no bridges over navigable water in the area.

13. GEOGRAPHIC NAMES

There were no discrepancies in geographic names noted during field inspection.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

There are no special reports applicable to this map.

See transmittal letters from Photogrammetric Party 2 forwarding data for maps to the north and west during the 1953 season and to the south during the 1954 season. There are no records available as to the dates of these letters of transmittal.

Forms 567, Landmarks and Aids, forwarded to Washington 6 December 1956 in Package No. 57-029.

Data, Triangulation, Project 27190, forwarded to Washington 30 November 1956 in Package No. 57-022.

Submitted:

Isaiah Y. Fitzgerald

Isaiah Y. Fitzgerald
Photogrammetric Engineer

Approved:

Ira R. Rubottom

Ira R. Rubottom
Chief of Party

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT

COAST AND GEODETIC SURVEY
CONTROL RECORD

MAP T- 11189 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)
WARNER, 1933	G-3711 p. 198	N.A. 1927	41	48	00.907				28.0	1823.1		
			69	56	38.175				881.3	503.9		
DRUMMOND, 1902	p. 197	"	41	47	47.230				1457.1	394.0		
			69	57	50.082				1156.3	229.0		
MAYO'S HOUSE SOUTH CHIMNEY, 1868	G-3694 p. 187	"	41	47	20.06				618.9	1232.2		
			69	56	45.87				1059.2	326.3		
ORLEANS ORTHODOX CHURCH SPIRE, 1887	G-3692 p. 153	"	41	47	04.237				130.7	1720.4		
			69	58	30.249				698.6	687.0		
POCHET, MGS., 1868	G-3548 p. 132	"	41	46	39.352				1214.1	637.0		
			69	56	26.150				603.9	781.8		
POCHET HOUSE CHIMNEY, 1909	G-3723 p. 211	"	41	46	06.80				209.8	1641.3		
			69	56	21.70				501.2	884.7		
Sub. Pt. WARNER, 1933		"	41	48					45.3	1805.8		
			69	56					891.1	494.1		
ORLEANS, COAST GUARD STATION SIGNAL MAST, 1934	G-3692 p. 153	"	41	45	45.322				1398.3	452.8		
			69	56	02.261				52.2	1333.8		

1 FT. = .3048006 METER

COMPUTED BY: H. R. Rudolph DATE 10 January 1955 CHECKED BY: J. Steinberg DATE 24 January 1955

COMM-DC-57843

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT

COAST AND GEODETIC SURVEY
CONTROL RECORD

MAP T-11189 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)
SOUTH ORLEANS, C.E. RODGERS WATERTANK, 1934	G-3692 p. 153	N.A. 1927	41 45 02.559				79.0	1772.1		
			69 58 58.162				1343.8	42.5		
111 AA MGS, 1938	PWD Traverse p. 54	"	290,761.28	761.28	4238.72		232.0	1292.0		
			1,012,253.47	2253.47	2746.53		686.9	837.1		
111 AB MGS, 1938	"	"	290,859.16	859.16	4140.84		261.9	1262.1		
			1,011,244.32	1244.32	3755.68		379.3	1144.7		
111 AC MGS, 1938	"	"	289,939.05	4939.05	60.95		1505.4	18.6		
			1,010,635.77	635.77	4364.23		193.8	1330.2		
111 W MGS, 1938	"	"	280,994.34	994.34	4005.66		303.1	1220.9		
			1,012,549.61	2549.61	2450.39		777.1	746.9		
111 X MGS, 1938	"	"	282,371.93	2371.93	2628.07		723.0	801.0		
			1,012,807.33	2807.33	2192.67		855.7	668.3		
111 Y MGS, 1938	"	"	289,183.48	4183.48	816.52		1275.1	248.9		
			1,013,439.97	3439.97	1560.03		1048.5	475.5		
111 Z MGS, 1938	"	"	289,732.79	4732.79	267.21		1442.6	81.4		
			1,012,373.37	2373.37	2626.63		723.4	800.6		

1 FT. = .3048006 METER

COMPUTED BY: H. R. Rudolph DATE 10 January 1955 CHECKED BY: J. Steinberg DATE 24 January 1955

COMM-DC-57843

COMPILATION REPORT
T-11189

Photogrammetric Plot Report: See Descriptive Report, Survey T-11203.

31. DELINEATION

Graphic methods were used to delineate this manuscript.

Portions of the planimetric detail in the area of this manuscript have been omitted in accordance with instructions dated 11/22/57.

32. CONTROL

Refer to the Photogrammetric Plot Report.

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

ORLEANS, COAST GUARD STATION, SIGNAL MAST, 1934 was not definitely recovered by the field inspection party. The position was held in the radial plot and was assumed to be the same mast located in 1934. The mast and buildings are in the same relative positions as shown on the old survey T-5735.

33. SUPPLEMENTAL DATA

The USGS quadrangle Orleans, Mass. and Topographic Survey No. T-5735 were used for geographic names.

34. CONTOURS AND DRAINAGE

Contours: Inapplicable.
Drainage: No comment.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline inspection was adequate in the areas inspected but was incomplete. The shoreline was therefore partially delineated by office interpretation.

No low-water lines were inspected in the areas delineated and none were shown.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

Form 567 has been submitted for three Landmarks to be charted.

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

Junctions have been made and are in agreement with the following:
T-11183 to the north.
T-11188 to the west.
T-11196 to the south.
An all water area to the east.

40. HORIZONTAL AND VERTICAL ACCURACY

Refer to the Photogrammetric Plot Report.

41. - 45

Inapplicable.

46. COMPARISON WITH EXISTING MAPS

USGS quadrangle Orleans, Mass., scale 1:31,680, edition of 1944 revised in 1947, and Survey T-5735, scale 1:10,000 of this bureau.

47. COMPARISON WITH NAUTICAL CHARTS

Chart No. 1208, scale 1:80,000, published 5/1/42 (9th edition) corrected to 6/10/57.

Items to be applied to nautical charts immediately: None.
Items to be carried forward: None.

Respectfully submitted
8 June 1959

Jack Honick
Jack Honick
Carto. Photo. Aid

Approved and forwarded

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

7-30-59

Form T-2

50-

14

PHOTOGRAMMETRIC OFFICE REVIEW

T- 11189

1. Projection and grids ✓ 2. Title ✓ 3. Manuscript numbers ✓ 4. Manuscript size ✓

CONTROL STATIONS

4a. Classification label ✓

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

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline ✓ 13. Low-water line X 14. Rocks, shoals, etc. ✓ 15. Bridges X 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 ✓ 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. Glass — 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-11189 and T-11196
August 1965

61. General

Two maps will be registered for each survey (T-11189 and T-11189A; T-11196 and T-11196A). Maps T-11189A and T-11196A, "Incomplete Manuscripts", provided the shoreline for contemporary survey H-8348 (dated 1955-1956) in the common areas.

In some areas the two maps (incomplete and final copies) differ considerably in position and configuration of the shoreline. This is principally the result of (1) the use of the 1955 photography (T-11189, field inspected; T-11196, office interpreted) only during final compilation, and (2) the nature of the shoreline area - characterized by narrow fringes of marsh and grass-in-water immediately offshore from the MHW line. For T-11189, the field inspector marked the MHW line back of the apparent line and indicated, only by note, the existence of these features - classified as marsh. These features were not considered in some instances in delineating the shoreline on the incomplete manuscript - the photography was not satisfactory for interpreting the features. These areas are mapped for the most part as marsh on the final manuscripts. The grass-in-water symbol is probably more representative of some areas shown as marsh; these areas were not recompiled during final review, however, due to inadequate field inspection and unsatisfactory photography. In accordance with instructions dated November 22, 1957, a part of the ocean shoreline and the Town Bay shoreline were not compiled (T-11189).

62. Comparison with Registered Topographic Surveys

T-5735 - 1:10,000 - 1941

T-11189 supersedes the prior survey for charting purposes.

T-5736 - 1:10,000 - 1941

A number of rocks (located along the east shore of Little Pleasant Bay and the north shore of Pleasant Bay) shown on T-5736 are not accounted for by T-11196. With three exceptions these rocks were verified by contemporary hydrographic survey 8348 (side heading 64). The three unresolved differences follow: (1) Lat. 41° 44.8' - Long. 70° 58.2', an image, apparently a rock, visible on both the 1953 field inspection photography and the 1955 compilation photography was field inspected as an object not to be mapped. A rock is mapped

on T-5736 at this location; in addition, a rock is mapped on H-8348, a distance of 1.5 mm from the subject rock. No rock is visible on the photography at the location of rock shown on H-8348. The photo image of the apparent rock was delineated on T-11196 during final review; (2) Lat. 41° 44.5' Long. 70° 58.2', at these locations, rocks mapped on T-5736 are not visible on the photography.

63. Comparison with Maps of Other Agencies

USGS, Orleans quad. - 1:24,000 - 1962
USGS, Chatham quad. - 1:24,000 - 1961

No significant differences were noted.

64. Comparison with Contemporary Hydrographic Surveys

The shoreline transferred from the incomplete shoreline manuscripts is shown on the smooth sheet with no changes. Shoreline differences between the incomplete and final manuscripts affecting the hydrographic survey are discussed under side heading 61. Additional differences between the hydrographic survey and the final photogrammetric maps follow:

T-11189 - (1) Lat. 41° 45.05' - Long. 69° 58.25', rock visible on the photography; a nearby rock located by the hydrographic survey is not visible, (2) the marsh islet located at Lat. 41° 45.8' - Long. 69° 57.1' is not shown in its correct position on the hydrographic survey.

T-11196 - the field inspection rock mapped at Lat. 41° 43.5' - Long. 70° 57.65' is visible on the photography. The rock is not shown on H-8348.

65. Comparison with Nautical Charts

1208 - 1:80,000 - revised April 15, 1963
270 - 1:20,000 - revised October 27, 1962

Pages indicating application to nautical charts have not been inserted in the Descriptive Reports. No significant differences were noted.

66. Adequacy of Results and Future Surveys

These maps meet the National Standards of Map Accuracy. Ex-

cept for the qualifications concerning shoreline (side heading 61) the maps meet Bureau requirements.

Reviewed by:

S. G. Blankenbaker

S. G. Blankenbaker

Approved by:

Charles Greuser

Chief, Photogrammetric Branch

L.C.L.

L. F. Woodcock

Chief, Photogrammetry Division

Chief, Nautical Chart Division

Form 567
April 194[illegible]

U.S. DEPARTMENT OF COMMERCE
COAST AND G[illegible]DETIC SURVEY

~~NONFLOATING AIDS~~ OR LANDMARKS FOR CHARTS

TO BE CHARTED / ~~TO BE DELETED~~ } STRIKE OUT ONE

East Providence, R. I. 27 September 19 56

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.

The positions given have been checked after listing by L. F. Beugnet

/s/ I. R. Rubottom
Chief of Party.

STATE: MASSACHUSETTS

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	LATITUDE* ″ D.N. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
SPIRE	church, 57 ft. high (92) (ORLEANS ORTHODOX CHURCH SPIRE, 1887)		41 47	04.237 130.7	69 58	30.249 698.6	N.A. 1927	Tri	9/26/56	x	x		581,1208
TANK	steel, water, 64 ft. high (164) (SOUTH ORLEANS, C. E. RODGERS WATER TANK, 1934)		41 45	02.559 79.0	69 58	58.162 1343.8	"	"	9/25/56	x	x		" "
SIGNAL MAST	skeleton steel, 75 ft. high (105) (ORLEANS COAST GUARD STATION SIGNAL MAST, 1934)		41 45	45.322 1398.3	69 56	02.261 52.2	"	"	9/26/56		x		1208

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 26356

48. GEOGRAPHIC NAME LIST

* Areys Pond OK ajw
Atlantic Ocean

Barley Neck
Barley Neck Road
Barnstable County
Beach Road
Boatmeadow Bog
Boatmeadow River
Bridge Road
Broad Creek

Cape Cod
Cedar Pond
Chatham Road

Doane Cemetery

East Orleans

Frostfish Cove

Gar Hwy

Hog Island
Hog Island Creek

Kescayo Gansett Pond

Little Pleasant Bay
Little Pochet Island
Lucy Point

Main Street
Mass 28 (Hwy)
Mass 39 (Hwy)
Meetinghouse Pond
Money Head

Namequoit Point
* Namequoit River OK ajw
Namequoit Road
Nauset Beach
New York, New Haven and Hartford RR

Old Field Point
Orleans
Orleans Beach

*Name from U.S.C. & G. S. - Survey No. T-5735

Paw Wah Pond
Pilgrim Lake
Pochet Island
Pochet Neck
Portanimicut Road

Rock Creek
Rock Harbor

Sampson Island
South Orleans
St. Joan of Ark Church
St. Joan of Ark Convent
St. Joan of Ark School

Uncle Harvey Pond
US 6 (Hwy)

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

(3-25-63) NAUTICAL CHART DIVISION

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T-11189 & 11189a

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
581	12-11-72	Q Hooley	Full ~~Part Before~~ After Verification Review Inspection Signed Via
			Drawing No. 13 NO CORR
1208	3-24-73	DL Pattison	Full [redacted] After Verification Review Inspection Signed Via
			Drawing No. 32 No Corr Dwn on 581, 13 and
			Chart 270 Consider Adequately applied
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
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			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.

FORM C&GS-8852 SUPERSEDES ALL EDITIONS OF FORM C&GS-97F

USCOMM-DC 8555-P63