11193 11193 a 11194

Diag. Cht. No. 1208-2.

Form 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey Shoreline T-11193 T-11193a Field No. Ph-116 Office No. T-11194

LOCALITY

State Massachusetts

General locality Cape Cod

Locality Barnstable Harbor

19.52-58

CHIEF OF PARTY

E.H.Kirsch, Chief of Field Party W.F.Deane, Balto. District Officer

LIBRARY & ARCHIVES

DATE January 2, 1966

USCOMM-DC 5087

DATA RECORD

F11193 & 11194

T-11193 = BARNSTABLE * see botton
T-11194 = DENNIS of page Quadrangle Name (IV): Project No. (II): Ph-116(53)

Field Office (II): Plymouth, Massachusetts

Chief of Party: Emil H. Kirsch

Washington, D.C. Photogrammetric Office (III):

(Shoreline)Louis J. Reed, Chief Stereo-Mapping Branch

Two Maps

Baltimore, Md

(Balance) Jack C. Sammons Copy filed in Division of

Instructions dated (II) (III):

Photogrammetry (IV)

2,000

(II) = Supplement II dated 9 July 53 (Supersedes all others) (III) = Office Memorandum dated 3 Aug 53.

Method of Compilation (III): Kelsh Plotters

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III): 1:2,000

Scale Factor (III):

Photographs :: Stereoplanigraph :: Kelsh Plotter :: Manus. OCT 1959 6,000

10,000

Date received in Washington Office (IV): 98 9

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV):

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): NA 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 towarder

Reference Station (III):

Lat .:

Long .:

Adjusted

xUnadjusted xx

Plane Coordinates (IV):

State:

Zone:

X=

GRID = Massachusetts Mainland Lambert with 5,000 ft interval

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.

* Two mops were registered for T-11193. Refer to the

Form T- Page 1

M-2618-12(4)

BALTIMORE OFFICE

U.S. DEPARTMENT OF COMMERCE. COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

Page -

T- 11193 and T-11194

Project No. (II): Ph-116

Quadrangle Name (IV):

Field Office (II): Plymouth, Mass.

Chief of Party:

E. H. Kirsch

Photogrammetric Office (III): Baltimore, Md.

Officer-in-Charge:

William F. Deane

Instructions dated (II) (III):

Copy filed in Division of: Photogrammetry (IV)

Method of Compilation (III): Instrument and Graphic

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III):

1.000

Date received in Washington Office (IV): \mathbf{q} ϑ

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

MHW 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): MERIDIAN NORTH STONE, 1934

Lat.: 41° 42' 30.381" (937.3m)

Long.: 70° 17' 42.064" (972.5m)

Adjusted bioadiusted

Plane Coordinates (IV):

State: Mass.

Zone: Mainland

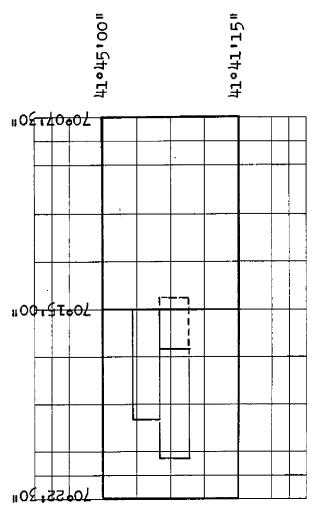
Y ==

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



Form T-Page 2

M-2618-12(4)

Frank J. Lessite on the Kelsh Plotter, model "B"

---- Morton Keller on the Stereoplanigraph

Charles E. Gook on the Kelsh Plotter, model "A"

Areas compiled by various Personnel:

DATA RECORD

Field Inspection by (II): Emil H. Kirsch

Date: 1953

(B. Frank Lampton Jr.)

Planetable contouring by (11):

Not applicable

Date:

Completion Surveys by (II):

Date:

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

The shoreline (MHWL) was located during instrument compilation using field indications on photographs as a guide. The field work was accomplished during July, 1953, and therefore the MHWL is

Projection and Grids ruled by (IV):

dated: JULY 1953.

Date:

R. Austin Riley on the Reading Ruling Machine Projection and Grids checked by (IV):

13 Jul: 53

Howard D. Wolfe Control plotted by (III):

14 Jul 53

Louis J. Reed

5 Aug 53

Control checked by (III):

Date:

Stanley W. Trow

6 Aug 53

Radiek Stotyng Stereoscopic Morton Keller and Control extension by (III): Ivan R. Jarrett

Date:

Aug 53

Planimetry

Date:

Date:

Stereoscopic Instrument compilation (III): Shoreline: Cook & Lesslie Contours & Keller

28 Aug 53

compiled
Manuscript defined by (III):

Shoreline: Henri Lucas

Date: 31 Aug 53

Photogrammetric Office Review by (III): Star

Stanley W. Trow

Date: 31 Aug 53

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

Not applicable

Date:

Form T-Page 3

M-2618-12(4)

FORM 181b (4-23-54)

BALTIMORE OFFICE

U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

Page - 3a

W. M. Reynolds

Field Inspection by (II): B. F. Lampton

Date: July 1953 .

Planetable contouring by (II):

Date:

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location): July 1953 (date of Field inspection) supplemented by office interpretation of November 1955 photographs.

Projection and Grids ruled by (IV): A. Riley

Date: 7/13/53

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

Date: 7/14/53

Control plotted by (III): E. L. Rolle

Date: 12/5/57

Control checked by (III): B. Kurs

Date: 12/6/57

Additional

SECTION Stereoscopic Control extension by (III):

E. L. Rolle

Date: 1/7/

Planimetry

Date: 1/7/58

Stereoscopic Instrument compilation (III): E. L. Rolle

XODOODSK

Date:

Manuscript delineated by (III): J. Honick

J. Councill

Date: 5/18/59

Photogrammetric Office Review by (III): R. Glaser

Date: 5/26/59

Elevations on Manuscript

checked by (II) (III):

Date:

Camera (kind or source) (III): USC & GS "J" camera, 6", wide-angle

PHOTOGRAPHS (III)

Number

Date

Time

Scale

Stage of Tide

53 J 673 thru 681

and

9 May 53

1455 EST

10,0000

0.7ft above MLW

Spring

Range

53 J 690 690

Tide (III)

Reference Station:

Boston (tide gauge readings)

Subordinate Station:

Subordinate Station:

Barnstable Harbor

Date: June 1964

Final Drafting by (IV): Baltimore office

1959

Range

Ratio of Mean

Ranges

Drafting verified for reproduction by (IV): 5.6. Blanken baken

Washington Office Review by (IV): 5.6. Blonken boller

Dune 1964

Proof Edit by (IV):

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

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

30 mi

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

Control Leveling - Miles (II): None

Number of Triangulation Stations searched for (II): 43

Recovered: 28

Recovered:

Identified: 20 Identified:

Date:

Number of BMs searched for (II): Number of Recoverable Photo Stations established (III): 10

Number of Temporary Photo Hydro Stations established (III):

Remarks:

Camera (kind or source) (III): C&GS "J", "S" and "W" cameras and P.M.A.

Page La

		PHOTOGRAPHS (III)			
Number	Date	Time	Scale	Stage of Tid	e
DPL 4K8 - 11, 4K15 - 17	7/13/52	0910, 0915	1:10,000	0.21 abov	re MT.W
DPL 4K31 - 33	11	0927	11	0.0 "	11
DPL 4K106 - 107	11	1031	11	-0.2 (be)	LOW MLW)
DPL 3K27 - 29, 3K32 - 35	7/25/52	1151, 1157	11	7.2 abox	
DPL 5K7-11	11	1236	11	8.5 "	11
53 J 674-678, 690-698, &					
707-710	5/9/53	1455 (estimated)) 11	0.1 "	11
54 W 1328 & 1329	4/24/54	1543	11	(Interior)
54 W 2480-2487	11/15/55	1156	11	10.2 above	MLW
55 W 2508-2511	11	1215	II .	10.0 "	
58 s 4755-4757	6/8/58	(not marked)	11	(Interior	.)

Tide (III) From Predicted Tables

Reference Station: Boston

Subordinate Station: Barnstable Harbor, Beach Pt.

Subordinate Station:

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

Baltimore Office Final Drafting by (IV):

Drafting verified for reproduction by (IV): 5. 6. 8 lenken boxes

Proof Edit by (IV):

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

Shoreline (More than 200 meters to opposite shore) (III): 28 mi. Shoreline (Less than 200 meters to opposite shore) (III): 35 mi.

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 44

Number of BMs searched for (II): 4 Recovered: Number of Recoverable Photo Stations established (III): 15 Recovered: 1

Number of Temporary Photo Hydro Stations established (III): 29

Range Range Ranges 9.5 11.0 9.5 11.0

Ratio of | Mean | Spring

Date: June 1964

Date:

Date: June 1964

Date:

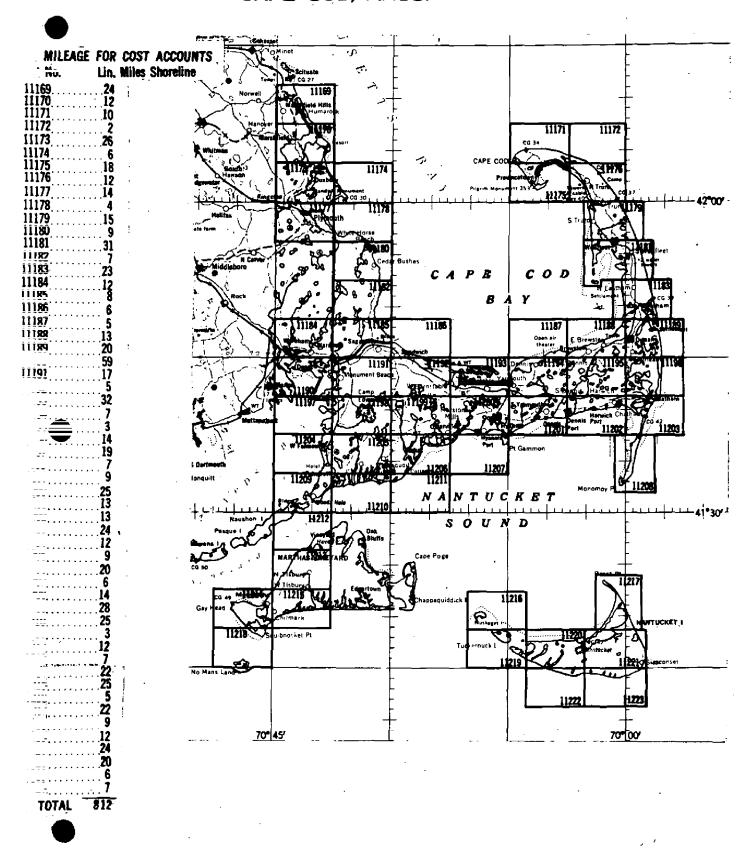
Recovered: 28

Identified: Identified:

Remarks:

Additional horizontal control: 9 Theodolite fixes

SHORELINE MAPPING PROJECT PH- 116 CAPE COD, MASS.



Summary to Accompany Descriptive Report

T-11193 and T-11194

T-11193 and T-11194 are two of 40 similar maps comprising project 116. The maps cover (1) Cape Cod Bay shoreline (2) the entire east shore of Cape Cod, including Monomoy Point and (3) the islands of Martha's Vineyard and Nantucket.

Project maps were compiled in the Washington and Baltimore Offices.

Two maps (T-11193A and T-11193) were registered for survey T-11193.

Refer to the final review report

FIELD INSPECTION REPORT

<u>T-11193</u>

- 7 -

2. AREAL FIELD INSPECTION

Barnstable Harbor is in the approximate center of the sheet. It is enclosed on the north by Sandy Neck, a long arm of dunes partially covered by brush and stunted softwood, and backed by marsh on the south side. The western end of Barnstable Harbor is bounded by extensive marshes, cut up by meandering tidal streams. Numerous boulders and rock outcropping indicate that the interior is of glacial origin but the present character of the land is that of the dunes which have built up since glacial times.

The land which has not been cleared is covered with a dense growth of mixed hardwood and softwood with considerable brush near the marshes and the shore.

The sheet is crossed east and west by the New York, New Haven and Hartford Railroad and U. S. Highways Nos. 6 and 6A with most of the population near the highways.

Field inspection is believed to be complete. Photography was satisfactory. Field work was done on the following photographs: DPL-4K 8 through DPL-4K 10; DPL-4K 15 through DPL-4K 17; DPL-4K 31 through DPL-4K 34. Field work was also done on 9x9 inch contact prints of low water photography.

HORIZONTAL CONTROL

Nine horizontal control stations were established by the odolite three point fixes to control Kelsh plotter models and have been designated Fix No. 1 through Fix No. 9. Topographic stations were established at seven of the fixes.

The following Massachusetts Geodetic Survey traverse stations were recovered and identified: 92P and 92Q. The following Massachusetts Geodetic Survey stations were recovered but not identified: 92L, 92N. The order of accuracy of these stations is not known.

The following stations have been reported as lost on Form 526: SANECK 1934; BARNSTABLE, CAPE COD CRANBERRY CO, FISH FREEZING STACK 1934; BARN CUPOLA 1848; WEST BARNSTABLE BRICKWORKS STACK 1934; BARN-STABLE-YARMOUTH 4 (BARNSTABLE COR 9) 1887; and the following Massachusetts Geodetic Survey traverse stations: 92J, 92K, 92M, and 92R.

4. VERTICAL CONTROL

Three tidal bench marks have been recovered and identified. One tidal bench mark has been reported as lost on Form 685.

Spot elevations were established at points specified by the Washington Office by hand level methods and have been indicated on the low water photography. These elevations are referred to the water level at the time and date given.

T-11194

- 7 -

2. AREAL FIELD INSPECTION

Numerous boulders and rock outcropping indicate that the area is of glacial origin, but the present character of the land is that of the dunes which have built up since glacial times. There is practically no natural drainage except for tidal drainage, although there are numerous ponds and marshes in the low areas. Most of the fresh water marshes are now under cultivation of cranberries. There are rather extensive salt marshes extending inland from Cape Cod Bay.

The higher dunes in the interior are covered by a dense growth of mixed hardwood and softwood. The trees near the shore are mostly stunted pine. There are also large brush areas near the shore.

U. S. Highway No. 6 crosses the sheet east and west, with most of the population in villages along the highway. The New York, New Haven and Hartford Railroad crosses the southern edge of the sheet passing through the village of South Dennis. There are a number of minor roads in the interior with very little population along them for **, 5° the most part.

The field inspection is believed to be complete. The photography was satisfactory. Field work was done on photographs DPL-3K-24,*

**DPL-3K-26 through DPL-3K-28, DPL-3K-32 through DPL-3K-35, DPL-4K-106,*
DPL-4K-107, DPL-4K-110, DPL-5K-7, DPL-5K-9, and DPL-5K-10.

3. HORIZONTAL CONTROL

32-34-35 OK

The following Massachusetts Geodetic Survey traverse stations were recovered and identified: 139A, 139D, 139G and 139J. The following Massachusetts Geodetic Survey stations were recovered but not identified: 139B and 139C.

The following stations have been reported as lost on Form 526: BASS HOLE 1934, NOBISCUSSETT FLAGSTAFF 1887, NOBISCUSSETT WATER TOWER 1887, SCARGO 1846, E. SCARGO (BORDEN) 1835, 139F M.G.S.

4. VERTICAL CONTROL

Inapplicable.

5. CONTOURS AND DRAINAGE

Contours inapplicable. All drainage is tidal and is clearly visible on the photographs.

5. CONTOURS AND DRAINAGE

Contours inapplicable. All drainage is tidal and clearly visible on the photographs.

WOODLAND COVER

Inapplicable.

SHORELINE AND ALONGSHORE FEATURES

The mean high water line and apparent shoreline have been indicated on the photographs. The mean low water line has been indicated throughout a portion of the sheet. It is incomplete because of the little time available for inspection. In investigating the mean low water line it was found that the line usually follows a tone change on the low water photographs, but that the line may change abruptly from one line of tone change to another. The mean low water line is indicated on the photographs by symbol where it follows a line of tone change and the approximate MLWL in places where it was necessary to sketch the line.

The character of the foreshore has been indicated on the low water photographs in all areas where the mean low water line was investigated.

There is a bluff along Sandy Neck on the Cape Cod Bay shore, but it is not a very good landmark feature because of the prominence of the dunes behind the bluff.

All wharves, piers and other similar shoreline structures have been indicated on the photographs.

There is a submarine telephone cable from the end of Bond Hill Road to Beach Point. The south end of the cable could be identified on the photographs but the entire telephone line at Beach Point is underground to the homes of the subscribers. Residents could give only an approximate location of the north end of the cable.

8. OFFSHORE FEATURES

A few offshore rocks visible on the photographs have been indicated. Their elevations were determined by hand level and are referred to water level at the time and date indicated.

LANDMARKS AND AIDS

All landmarks and aids to navigation have been reported on Form 567.

6. WOODLAND COVER

Project Instructions, Supplement II, states that woodland shall not be field inspected or compiled. Woodland in the alongshore areas was indicated on the field inspection photographs before receipt of the supplemental instructions. These indications should be ignored by the compiler.

7. SHORELINE AND ALONGSHORE FEATURES

The mean high water line is partly visible on the photographs as a faint line, which has been indicated. The mean high water line roughly parallels the bluff behind the beach and should be drawn in that manner where not visible. There were no identifiable points on the beach from which measurements to the mean high water line could be taken. The bluff behind the beach is so steep that measurements from the top of the bluff are impractical.

The mean low water line was not visible on the photographs and no attempt was made to locate it.

There is a prominent bluff behind much of the beach in this sheet. It can be clearly discerned with a stereoscope and is adequately expressed by contours on the U.S.G.S. Dennis Quadrangle. It is recommended that this bluff be charted as a landmark feature.

There are no wharves, piers or similar shoreline structures in Cape Cod Bay. A few such structures have been indicated in Bass Hole, Bass River and some inland lakes.

8. OFFSHORE FEATURES

One large rock is visible on the photographs and has been indicated.

9. LANDMARKS AND AIDS

There are no aids to navigation in the sheet. Five landmarks for charts have been recommended on Form 567.

10. BOUNDARIES, MONUMENTS AND LINES

Inapplicable.

11. OTHER CONTROL

The following topographic station was established: ALSO 1953.

10. BOUNDARIES, MONUMENTS AND LINES

Inapplicable.

11. OTHER CONTROL

Topographic station CALF 1934 was recovered and identified.

JEG 1934 has been reported as lost on Form 524. In addition to landmarks and aids to navigation, the following 1953 topographic stations
were established: DADE, SOLO, DUNE, SAND, EARL, GRAY, EBON, ACME,
SHIP, GERT, KITE, SPIRE, and GABE.

Twenty-nine photo-hydro stations were established and designated 001 through 029. They have been indicated and described on the field inspection photographs.

12. OTHER INTERIOR FEATURES

There is a trail on Sandy Neck which is impassable to standard cars and trucks, but which has considerable traffic in four-wheel drive vehicles and vehicles with large tires. It has been classified Rd 8 and it is believed that it is of sufficient importance to be mapped.

13. GEOGRAPHIC NAMES

No changes noted.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Letter of Transmittal No. Ph-116-1, Supplemental horizontal control and low water photographs, forwarded to Washington Office 24 July 1953.

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

Letter of Transmittal No. Ph-116-4, Data, Map T-11193, forwarded to Washington Office JUL 3 1 1953

Submitted 29 July 1953

B. Frank Lampton, Jr. Cartographic Survey Aid

B. Frank Lampton . J.

Approved & Forwarded

JUL 3 1 1953

E. H. Kirsch Chief of Barty

12. OTHER INTERIOR FEATURES

The following bridge data was obtained:

Bass River, Mass. (Cape Cod) Miles above mouth	Type	No.of Spans	Horiz.	Vert. Cl.	Purpose _
3.75 South Dennis	F	1	55.2 58.5*	10.3 0945 AM EDT 7/21/53. 8.25 above H	Railroad

^{*} Bridge Book Measurements

13. GEOGRAPHIC NAMES

No changes noted.

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-116-3, Data, Map T-11194, forwarded to Washington Office JUL 3 1 1953

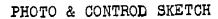
Submitted 29 July 1953

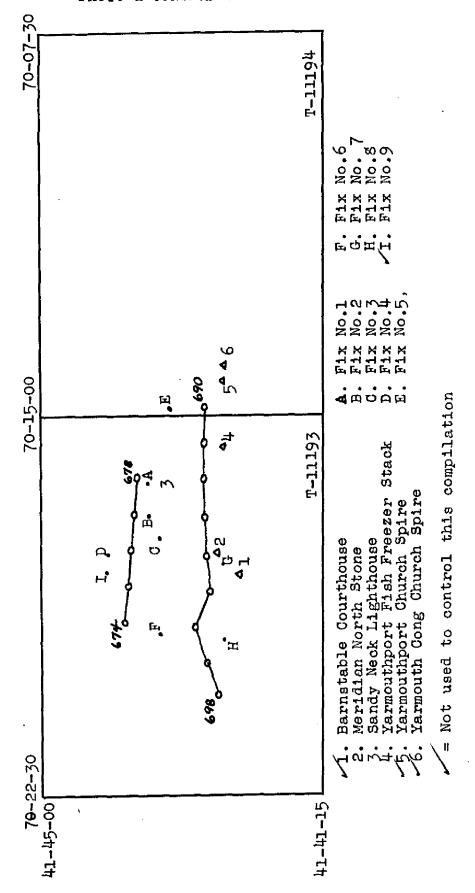
B. Frank Lampton, Jr. Cartographic Survey Aid

Approved & Forwarded

JUL 3 1 1953

E. H. Kirsch Chief of Party





Photogrammetry

MAP T- TALYS PROJECT NO	, , , ,	PROJE	CT NO. FR-116	SCALE OF MAP 1:10,000	000,01	SCALE FACTOR	JR.
STATION	SOURCE OF INFORMATION (INDEX)	БАТОМ	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM	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)
SANDY NECK LIGHTHOUSE,	Page 152	NA. 1927	141 43 21.141 70 16 53.243	652.2 1198.9 1230.7 156.2			
YARMOUTH PORT FISH FREEZER STACK, 1934	150	E	41 42 34.501 70 15 31.585	1064.4 786.7 730.2 656.9			
Sub Pt FIX 2	Field Comps	#	41 43 33.2957	1027.2 823.9 135.2 \ 1251.6			
FIX no.2	=	Ħ	41 43 33.728 70 17 05.904				
FIX No.3	=	ıl	365.65 71 07	498.2 1352.9 915.3 471.6			
Sub Pt FIX 4	=	#	42 55.524 th	1713.0 138.1			
FIX No.4	=	ŧ	41 6.15 54 14 70 70 14 70 14 70 14 14 14 14 14 14 14 14 14 14 14 14 14	1602.5 248.6 998.7 387.9			
FIX No.6	=	#	41 43 18.804 70 19 21.543	580.1 1271.0 498.0 888.8			
Sub Pt FIX 7	=	£	43 54 54 70 18 02.084 7	752.6 1098.5 48.2 1339.0			
FIX No.7	=	=	41 42 25.126 7 70 18 02.546 7				
							Page
1 FT = 3048005 METER COMPUTED BY			DATE	CHECKED BY.		7 40	M - 2388



						1000	
STATION	SOURCE OF INFORMATION (INDEX)	ратим	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	N.A. 19: DATUM FROM GRID OR CORRECTION FORWARD	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN WETERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
Sub Pt FIX 8	Field Comps	NA 1927	41 42 34.880 70 19 37.392	1076.1 775.0 864.5 522.6			
FIX No.8	н	=	41 42 35.538 7 70 19 37.042				
Sub Pt FIX 9	=	=	41 44 03.991 7 70 18 15.055 7	123.1 1728.0 347.9 1038.7			
FIX No.9	*	=	41 44 05.154 70 18 17.107	159.0 1692.1 395.4 99\$.2	,		
BEACH POINT LIGHT No.347	n	8	41 43 28.086 70 16 32.910	866.5 984.6 760.7 626.1			
MERIDIAN, NORTH STONE, 1934	ηςτ Bage I	=	190°34 Lt 02	937.3			
, MERID STONE, 1934	LAN Office Comps	=	41 42 70 17	949.5 901.6 957.6 429.6			
YARMOUTH NORTH BASE, 1936 dm	Page 109	109	41 41 03.623 70 15 31.439				
HYANNIS STAND PIPE, 1934 d	151	=	41 41 17.904 70 16 52.326				
92P, 1937 (MGS)			255,363,57 939 323.85				
BARNSTABLE, 1936 am	Page 109	=	41 41 10.248 70 18 14.863				
BARNSTABLE COURTHOUSE, 1835	190	=	८४°८८ हो स्त	167.5 1683.6 412.0 975.3			Page
I FT. = .3048006 METER				ll I			M . 2388

STATION SHORMER Continue	MAP T- 11194	†	PROJE(PROJECT NO. Ph-116	SCALE OF MAP 1:1	1:10,000	SCALE FACTOR	JR
Page NA 41 42 21.828 673.4 1177.7 152 1927 70 14 21.827 504.6 882.6 176	STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE ORWYSSYSONNYSK LONGITUDE SOKKYSGERRINDER	DISTANCE FROM BESTOCHTEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM	N.A. 1927 - 'DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	
176 "	YARMOUTH CONG CHURCH SPIRE,	Page 152	NA 1927	14 21	673.4 1177.7 504.6 882.6			
Field " 41 43 15.122" 466.5 1384.6	YARMOUTHPORT CHURCH SPIRE, 1846	176	=	약하	747.0 1104.1 860.4 526.8	,		
II	Sub Pt, FIX 5	Field Comps	#	142	เข็ต			
CHECKED BY	FIX No.5	=	=	43 15.176 14 59.176				
		\						
					,			
CHECKED BY								
DATE			•					
DATE								
DATE			·					
DATE								
DATE								
DATE CHECKED BY								
DATE.								
DATE.								
DATE CHECKED BY.			1					
DATE								
DATE CHECKED BY.			•					P
DATE CHECKED BY.				,				a8¢
WAIE LINGUIS AND BELLIAMINATED BY THE STATE OF THE STATE	1 FT. = .3048006 METER COMPUTED RV.			L				
				1 E			DATE	

u.s. o

овм **164** 4.23-54)

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

COMM- DC- 57843 FROM GRID OR PROJECTION LINE IN METERS (BACK) 13a FORWARD SCALE FACTOR FROM GAID OR PROJECTION LINE IN METERS 218.6 897.2 11/0.0 (BACK) 1795.6 130.2 1195,3 757.4 N.A. 1927 - DATUM FORWARD 375.0 629.8 *χ*, 655.8 1323.8 1632.5 1336.2 190.1 DATUM SCALE OF MAP 1:10,000 OR PROJECTION LINE IN METERS DISTANCE FROM GRID IN FEET. 1636, 13 676.15 3769.73 427,30 (BACK) FORWARD 4572.70 363.57 1230.27 4323.85 LONGITUDE OR *-COORDINATE 21,256 27.239 LATITUDE OR #-COORDINATE 52.913 21.197 01.80 57.79 914,572,70 939,323.85 256,230,27 255,363.57 PROJECT NO. Ph. 116. 1, 22 갩 42 4 입 돠 70 20 2 크 4 DATUM N . A. N.A. 1927 1927 = = SOURCE OF G 3723 p. 211 [p. 149 G 3723 p. 211 MGS p. 66 G 3692 (INDEX) MGS p. 66 WEST BARNSTABLE, OUR LADY OF HOPE CATHOLIC WEST BARNSTABLE RED CHURCH, SPIRE, 1934 MAP T. 11193 BARNSTABLE, UNITARIAN CHURCH, SPIRE, 1909 1 FT. = .3048006 METER 92 Q, MGS, 1940 92 P, MGS, 1937 STATION CUPOLA, 1909

DATE 3 December 1957

CHECKED BY B. Kurs

2 Dec. 1957

DATE

E. L. Rolle

COMPUTED BY:...

овы **164** 4-23-54)

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

MAP T. 1119		PROJE	PROJECT NO. Ph-116	911-વ	SCALE C	SCALE OF MAP 1,10,000	10,000	SCA	SCALE FACTOR	J.R
STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FR OR PROJECTIO FORWARD	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM	N.A. 1927 - D DISTANCE FROM GAID OR PROJE IN METER	N.A. 1927 - DATUM DISTANCE FROM GAID OF PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
139G, MGS, 1939	MGS p• 67		273	273,442,71 965,126,84	3442.71	1557.29 ll873.16		38.7	11,85,3	
139A, MGS, 1939	2		253	253,623.10	3623.10	1376.90		1104.3	119.7	
139D, MGS, 1939	=		267	267, 426, 26 966, 121, 26	2426.26 1121.26	2573.74 3878.74		739.5	784.5	
139J, MGS, 1939	#		275	275,097.40 972.090.99	097•40 2090•99	4902.60		29.7	1494.3	
GERMAN, 1934	G-3548 p. 127	N.A. 1927	7 14	41 27-319				842.8	1008.3	
SCARGO TOWER, 1933	G-3548 p. 127	=						670.5 1154.6	1180.6	
YARMOUTH TANK, 1934	=	p.	}					24.0	1827.1	
EAST DENNIS METHODIST CHURCH, 1887	G-3694 p. 169	=						1637.1	274.1	
NORTH DENNIS, WHITE CHURCH, SPIRE, 1846	G-3694 P. 174	=						406.1	1445.0	_
										13b -
j										
IFT. = .3048006 METER COMPUTED BY E. L. ROLLO	II :	<u> </u>	DATE 2 I	December 1957	5	СНЕСКЕВ ВУ: В. К	Kurs		DATE 4 Dec.	ic. 1957 coun. DC. 57843

ORM 164 4-23-54)

DESCRIPTIVE REPORT U.S. DEPARTMENT OF COMMERCE

COAST AND GEODETIC SURVEY CONTROL RECORD

DISTANCE FROM GRID OR PROJECTION LINE FROM GRID OR PROJECTION LINE IN METERS (BACK) 13c FORWARD SCALE FACTOR 65.5 (BACK) 482.1 387.2 907.8 865.9 528.6 1471.0 1174.8 1075.8 1083.7 N.A. 1927 - DATUM FORWARD 53.0 349.2 140.3 775.3 858.9 616.2 658.1 1041.9 1136.8 1458.5 DATUM 1:10,000 OR PROJECTION LINE IN METERS DISTANCE FROM GRID IN FEET, 214.81 1581.66 4826.10 1270.29 2978.40 2840.83 3555.58 3854.34 (BACK) SCALE OF MAP FORWARD 173.90 4785.19 3418.34 3729.71 2021..60 2159.17 1145.66 यागगा। LONGITUDE OR x-COORDINATE LATITUDE OR y-COORDINATE 253, 729.71 965,173,90 971, 444.42 967,021,60 966,145,66 274,785.19 273,418.34 267,159,17 PROJECT NO. Ph-116 크 ដ 2 크 DATUM SOURCE OF INFORMATION (INDEX) MAP T. 11194 Sub. Pt. 139 A, MGS, 1939 139 G, MGS, 1939 Sub. Pt. 139 D, MGS, 1939 Sub. Pt. 139 J, MGS, 1939 GERMAN, 1934 STATION Sub. Pt.

E. L. Rolle 1 FT. = .3048006 METER COMPUTED BY

2 Dec. 1957

DATE

CHECKED BY

B. Kurs

6 Dec. 1957 DATE...

COMM- DC- 57843

COMPILATION REPORT

31. Delineation:

After the control had been extended on the Stereoplanigraph, two Kelsh Plotters and the Stereoplanigraph compiled the project area by sections as shown on page 2.

32. Control:

Horizontal and vertical control were adequate. Both were marked on photographs and located by the field party. The Photo & Control Sketch, page 10, shows the relative location of the horizontal control and indicates the few that were not used. The three unused triangulation stattons were outside the project, and Fix No.9 did not agree with the other control by about 25ft. All other stations were held. The elevations established were used for model leveling only.

- 33. Supplemental Data: No graphic control surveys available.
- 34. Contours and Drainage: Not applicable.
- 35. Shoreline and Alongshore Details:

The shoreline was completely field identified and no trouble was encountered in the instrument delineation of it using the field identification as a guide. The delineation of the low-water-line was the principle purpose of this project and with it considerable difficulty was experienced. To begin with it was not possible to completely indicate the LWL on the field photographs without a great deal of time being spent, and only tick indications were made in accessible areas with some areas being left unmarked. The photographs were purposly taken at or very near to low water stage to facilitate this work, but even with this the instrument delineation was difficult. Each model was carefully leveled and the floating mark was used to draw the LWL in conjunction with the tick-indications where they existed. It was possible to read heights to the nearest 1.0ft only, and therefore it was necessary to use color tones to assist the floating mark in the interpretation of the LWL in the unmarked areas. For the most part the instrument operators believe a good job has been done. By special request a 5ft depth contour was delineated in model 694-695, shown in blue and labled on the manuscript, to be checked against hydrographic soundings.

36. Offshore Details:

Shoal lines on the manuscript are office identified and delineated without benefit of field indications. MARASPIN CREEK DAY BEACON, 1953, was instrument located as field identified.

37. Landmarks and Aids: See page 10 and side-heading 36 above.

38. Control for Future Surveys:

All except two hydro signals that were field identified and described were positioned during instrument work, and they are listed on a sparate page of this report under subheading 49, "Notes for the Hydrographer". Nos.1 and 9 were not located because they fell outside the project area, and the other 27 are shown on the manuscript in proper symbol. Only two topo stations were positioned by this compilation; GABE, 1953 and SPIRE, 1953. Both have been scaled from the manuscript and recorded on the 524 cards. DADE 1953 fell outside the himits of the work and CALF 1953 was not well enough identified to plot.

- 39. Junctions: In agreement. No outside junctions involved.
- 40. Horizontal and Vertical Accuracy:

. The accuracy of this compilation is believed to meet the requirements established by National Map Standards for maps at a scale of 1:10,000.

46. Comparison with Existing Maps:

HYANNIS QUADRANGLE, USGS, 1:31,680, edition of 1943.

47. Comparison with Nautical Charts:

BARNSTABLE HARBOR, No. 339, scale 1:20,000, June 1937, 4th edition, last correction date of 16 Feb 53.

- 48. Geographic Name List: Not applicable
- 49. Notes for the Hydrographer: See separate unnumbered page.
- 50. Compilation Office Review: Not accomplished.

Submitted by

Stanley W. Trow, Chief,

Single Lens Plotting Section

Approved by

Touis J. Reed, Chief

Stereoscopic Mapping Branch

Photogrammetric Engineer

GRAPHIC COMPILATION REPORT T-11193 and T-11194

31. DELINEATION

Parts of these surveys were compiled at different times by a combination of four different methods. The area of Barnstable Harbor was bridged by stereoplanigraph and compiled partly on Kelsh plotters and partly by stereoplanigraph (see pages 14 and 15). After later photography became available (November 1955 - "W" camera), these surveys were bridged by multiplex, including the area previously bridged. At that time, most of the interior roads were delineated by multiplex to serve as detail to assist in graphic compilation of interior details. The shoreline of Cape Cod Bay and all other interior details were completed by graphic compilation. The interior limits of compilation were generally back to the main road (Gar Highway - U.S. No. 6), paralleling the shoreline of Cape Cod Bay. (see revised project instructions dated 22 November 1957, para. 4)

32. CONTROL

The identification, density and placement of control was adequate.

NORTH DENNIS WHITE CHURCH SPIRE, 1846 was field identified but the photogrammetric position falls 75 meters northeast. There is no building at the published position. A Form 526 was initiated in the office and is being submitted with this report.

33. SUPPLEMENTAL DATA

U. S. Geological Survey quadrangles DENNIS and HYANNIS were used as a source of geographic names.

34. CONTOURS AND DRAINAGE

Contours - not applicable.
Drainage - no comment.

35. SHORELINE AND ALONGSHORE DETAILS

Shoreline inspection was adequate.

There was some revision of the shoreline compiled on the Kelsh plotters due to changes since 1953 which appeared on the later photography.

The low water line in Barnstable Harbor and along Cape Cod Bay to Longitude 70° 19' was delineated by instruments (item 35, page 14). To the west of that point and on survey T-11194, the approximate low-water line was office interpreted on photographs taken at a fairly low atage of tide and was delineated graphically. It was generalized along the outer limits of the apparently bare sand area.

36. OFFSHORE DETAILS

There are many rocks shown in Barnstable Harbor on Chart 339, several of which have names. Most of these could not be located either by stereo instruments or by careful study of the photographs. Only those which could be definitely identified as rocks were delineated.

37. LANDMARKS AND AIDS

Forms 567 have been submitted for 12 landmarks and 2 aids to navigation to be charted. A Form 567 has been submitted by the field inspection party for one landmark to be deleted.

38. CONTROL FOR FUTURE SURVEYS

Forms 524 are being submitted for 13 new recoverable topographic stations on T-11193 and 2 on T-11194. Two Forms 524 used as recovery notes for previously established stations are also being submitted. JEG, 1934 was considered lost. CALF, 1934 was identified by the field party for relocation in 1953. Although the Compilation Report, item 38, page 15, states that this station was not well enough identified, the photo. pt. was readily identified and established graphically with the photographs, and the station was plotted by azimuth and distance from it.

The stations are listed in item 49.

39. JUNCTIONS

Junctions were made and are in agreement between the surveys and:
T-11192 to the west
T-11187 to the north (T-11194)
All water area to the north of T-11193
To the east and south - no contemporary surveys

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41 thru 45

Not applicable.

46. COMPARISON WITH EXISTING MAPS

USGS Quadrangles DENNIS, edition of 1943 and HYANNIS, edition of 1942, both scale 1:31,680

47. COMPARISON WITH NAUTI CAL CHARTS

Chart 339, scale 1:20,000, 4th edition, 1937, corrected to 1/4/54.

Items to be applied to Nautical Charts immediately: none Items to be carried forward: None

Respectfully submitted 20 May 1959

Frank J. Tarcza
Carto. (Photo.)

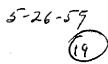
Approved and forwarded

Tillian J. Wea

William F. Deane,

CDR, C&GS

Baltimore District Officer



50-

PHOTOGRAMMETRIC OFFICE REVIEW

T. 11193 & T-11194

1. Projection and grids
CONTROL STATIONS
5. Horizontal control stations of third-order or higher accuracy6. Recoverable horizontal stations of less
than third-order accuracy (topographic stations)7. Photo hydro stations8. Bench marks
9. Plotting of sextent fixes10. Photogrammetric plot report11. Detail points
ALONGSHORE AREAS
(Nautical Chart Data)
12. Shoreline 13. Low-water line 14. Rocks, shoals, etc. 15. Bridges 16. Aids
to navigation17. Landmarks18. Other alongshore physical features19. Other along-
shore cultural features
PHYSICAL FEATURES
20. Water features 21. Natural ground cover 22. Planetable contours 23. Stereoscopic
Instrument contours 24. Contours in general 25. Spot elevations 26. Other physical
features
·
CULTURAL FEATURES
27. Roads 28. Buildings 29. Railroads 30. Other cultural features
BOUNDARIES
31. Boundary lines 32. Public land lines
MISCELLANEOUS
33. Geographic names 34. Junctions 35. Legibility of the manuscript 36. Discrepancy
overlay 37. Descriptive Report 38. Field Inspection photographs 39. Forms
40. P. Blaser Joseph Steinberg
Reviewer 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

Review Report

Shoreline Survey T-11193

62. Comparison with Registered Bureau Surveys

T-6114	1:10,000	1934
т-6122	1:10,000	1934
т-6123	1:10,000	1934

Differences exist between T-6122 and T-11193 in alongshore rock information in Barnstable Harbor. As mentioned in the Baltimore Office compilation report (item 36, page 17) photography was not adequate for a good interpretation of rocks. Rock information should be checked during future hydrography.

Except for the above differences, T-11193 supersedes the prior surveys for charting purposes in the common areas.

63. Comparison with Maps of Other Agencies

USGS Quad, Hyannis, Mass., scale 1:24,000, dated 1939 (revised 1950).

No significant differences between the maps were noted.

64. Comparison with Contemporary Hydrographic Surveys

H-8111 1:10,000 1953

The incomplete manuscript for T-11193 was used to provide shoreline for H-8111. No changes in T-11193 shoreline were made by the hydrographic survey party. A copy of the incomplete manuscript will be registered as T-11193A.

65. Comparison with Nautical Charts

339, Edition of 4/19/50, revised 3/25/63, scale 1:20,000

Differences exist in alongshore rock information. These discrepancies were not resolved due to the inadequacy of the photography for this purpose (refer to item 62 of this report). No other significant differences were noted.

66. Adequacy of Results and Future Surveys

With the exception of possible rock discrepancies (items 62 and 65) this map meets the National Standards of Map Accuracy and Bureau requirements.

Reviewed by:

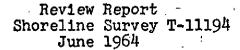
1. J. Blankenbaker S. G. Blankenbaker

Approved by:

Chief, Photogrammetric Branch

Chief, Nautical Chart Division

Chief, Photogrammetry Division



62. Comparison with Registered Topographic Surveys

T-6114

1:10,000

1934

Differences exist between the surveys in foreshore rock information. The difference can be resolved during future hydrography or through use of color photography. Except for the above differences, T-11194 supersedes the prior survey for charting purposes.

63. Comparison with Maps of Other Agencies

USGS QUAD, DENNIS MASS, Scale - 1:24,000, map date 1940, revised 1961.

No significant differences between the maps were noted.

64. Comparison with Contemporary Hydrography Surveys

Inapplicable

65. Comparison with Nautical Charts

Chart 339, Edition of April 19, 1950, revised March 25, 1963, scale 1:20,000.

Differences in foreshore rock information exists. No other significant differences were noted.

66. Adequacy of Results and Future Surveys

With one exception, the possibility of discrepancies in foreshore rock information, this map meets the National Standards of Map Accuracy and Bureau requirements.

Reviewed by:

S. G. Blankenbaker

Approved by:

Chief, Photogrammtric Branch

Chief, Nautical Chart Division

Chief, Photogrammetry Division

48. GEOGRAPHIC NAME LIST

Bass Creek
Barnstable
Barnstable County
Barnstable Harbor
Barnstable Baptist Church (F.I.)
Beach Point
Blish Point
Boat Cove Creek
Bone Hill Road
Braggs Lane
Brick Yard Creek
Bridge Creek
Broad Sound

Cape Cod
Cape Cod Bay
Calves Psture Point
Centre Street
Church Street
Cobbs Hill
Sobbs Village
Commerce Road
County Road
Cummaquid
Cummaquid Golf Club

Duck Island

East Main Street Eel Creek Eel Grass Cove

Fish Island
Flax Pond
Finnish Lutheran Church (F.I.)

Gar Highway Great Island Great Island Creek Great Marshes Great Thatch Island Green Point

Halletts Mill Pond High Island Hinckley Pond Horseshoe Shoal (Chart 339) Huckins Island

Lyannough Road

Jackson Island Jules Island

Keveney Lane

Little Thatch Island Lone Tree Creek Lothrop Hill Cemetery

MASS 149 (hwy)
Main Street
Maraspin Creek
Mill Creek
Mollys Island
Moon Shoal (Chart 339)
Mussel Point

New York New Haven and Hartford (R R)

Oak Street

Parker Street
Phillis Island
Phinneys Lane
Pine Street
Plum St
Pond Village

Saltens Point
Sand Island
Sandy Neck
Sandy Street Cemetery
Short Wharf Creek
Scorton Creek
Slough Point
Spring Creek
St. Marys Church (F.I.)

The Cove Town Island Through Creek Tupper Island

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

Wells Creek Wharf Ave. White Hill Wicks Island Willow Street

NOTE: (F.I.) denotes names from field inspection photographs.

Yarmouth Port Yarmouth Station

48. GEOGRAPHIC NAME LIST

Barnstable Co Bass Hole Beach St Bridge St.

Cape Cod
Cape Cod Bay
Centre St
Chase Garden Creek

Dennis

East Dennis

Gar Highway

Howes Cemetery

Lone Tree Creek Lower Road

Mass 134 (hwy)

New Boston New Boston Road New Jerusalem Church Nobscusset Road

Quivett Creek Quivett Neck

Scargo Hill
Scargo Hill Road
Scargo Lake
Sea Street
Seaside Avenue
Sesuit Creek
Sesuit Neck
Sesuit Road
South Street

U. S. 6 A (hwy)

Whig St Whites Brook Winter St

Yarmouth Yarmouth Port Names checked

Names approved

And approximately

And I wought

49. Notes for the Hydrographer:

Ph-116 Barnstable Harbor

Photo-Hydro Points

- 001 stake, point of marsh (not plotted)
- 002 tip of arm of marsh
- 003 center small marsh island
- 005 point of marsh
- 006 point of marsh
- 007 radio mast, center NEW gable of house
- 008 stake, point of marsh
- 009 " inner tip of inlet
- 010 " inner tip of inlet
- 011 " point of marsh
- 012 N. tip of heavy grass (use with caution)
- 013 stake, center of marsh island
- 014 " point of grass inside inlet
- 015 " point of marsh
- 016 chimney, taller and northerly of two
- 017 gable facing N. on cottage
- 018 flagpole white center N. gable of building
- 019 NW corner roof, most northerly warehouse
- 020 N. gable, westerly cottage of 3
- 021 N. gable, easterly cottage of 3
- ·022 northernmost telephone pole
- 023 chimney isolated cabin
- 024 stake, center mouth of small inlet
- 025 tank, wooden, square, elevated
- 026 stake, point of sand
- 027 stake, tip of dark spot
- 028 stake, tip of sand

627

49. NOTES FOR THE HYDROGRAPHER -(cont'd)

Recoverable Photo Stations

<u>T-11193</u>	T-11194
GABE 1953 SPIRE 1953 SAND 1953 EARL 1953 SHIP 1953	ALSO 1953 EBON 1953
DADE 1953 SOLO 1953 GARY 1953 KITE 1953 BEACH POINT LT. 1953	
GERT 1953 ACME 1953 DUNE 1953 CALF (1934) 1953	

On T-11193 west of 70° 19', a generalized low water line was delineated along the outer limits of the apparently bare sand areas from the 1952 photographs. For the low-water area east of 70° 19' on T-11193, see the stereo-compilation report - item 35.

On T-11194 an approximate low-water line was delineated along the outer limits of apparently bare sand areas from the 1953 "J" photographs.

The rocks in Barnstoble Herbor, Shown .
on Till 92, Should be verified during.
field edit (Hydro support); or, Jerified
through use of Color Photography
5.68. Jun 1969

Form 567 April 1945

F COMMERCE AND GEODETIC SURVEY

NOWYLOATING/WIDS/OR LANDMARKS FOR CHARTS

STRIKE OUT ONE TO BE CHARTED

Baltimore, Haryland

28 January , 1958

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

R. Glaser The positions given have been checked after listing by

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. * TA 11 AT *

F COMMERCE **DEPARTMENT**

U. S. COAST AND GEODETIC-SURVEY

NONFLOATING AIDS OR/IMANDWINDER FOR CHARTS

STRIKE OUT ONE	
O BE CHARTED	以内容的可以可以可以

Baltimore, Maryland

28 Jan.

I recommend that the following objects which have (http///ht/l) been inspected from seaward to determine their value as landmarks be charted on (delqt/f/ph/) the charts indicated.

R. Claser The positions given have been checked after listing by

		•					11111	William F. Doane,	eane,	Ü	Chief of Party.
	A CANAL AND A CANAL COMMENTAL COMMENTS OF THE CANAL COMMENTS OF THE COMMENTS OF THE COME			4	POSITION			METHOD		TRAH	
STATE	MASSACHUSKITS		LATI	LATITUDE*	LONG	LONGITUDE #		LOCATION	DATE	HOBE OB CH	CHARTS
CHARTING	DESCRIPTION	SIGNAL	•	D, M. WETERS		" D. P. METERS	DATUM	BURVEY No.	LOCATION	HSNI	
LTGHT	BEACH POTUT LIGHT, 1953		ध्य प्र	28.053	70 16	32.907	N.A. 1927	1-11173 3 point	1953	×	339, 1208
PDAYREACON	WHATHEACON Maraspin Greek Entrance Lt.		टी प	1338	70 18	03.68 85		Radial Plot	E	×	339
		1									
· ·	alle 11 and modern has been semanted from this rid trated	Pro-	+ + + + + + + + + + + + + + + + + + +	w watel							
	maintained structure. It now ferves	erves as a	a daybeacon.	con.							
								-			
										-	
								-			
											C
											19)

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. U. S. COAST AND GEODETIC SURVEY

MONYPLOATING//AIDS//OR/LANDMARKS FOR CHARTS

STRIKE OUT ONE **开**억/每年/孕年4年7年4 TO BE CHARTED

Form 567 April 1945

Baltimore, Maryland

28 January 1958

I recommend that the following objects which have (14/14/1/44)/been inspected from seaward to determine their value as landmarks be charted on (44/4/1/4/1/4) the charts indicated.

R. Glaser The positions given have been checked after listing by

							W.1118	William F. Deane	e	C	Chief of Party.	Party.
	MASSA CHIISPERS				POSITION	7		METHOD		TRAH	CHART	
# 14 5			LAT	LATITUDE *	2	LONGITUDE #		LOCATION	0.5	OBE C	180H A Ω	CHARTS AFFECTED
				-		-	DATUM	SURVEY	LOCATION	H1	94	
CHARTING	DESCRIPTION	MAME	•	D.M.METERS	•	D. P. METERS	2	r-11193		YH	10	
	(BARNSTARLE, INTTARTAN CH. SPIRE.			03.40		57.79	9 N.A.	Tri ang.				
SPTRE	1909) 67 ft. high (127)		의다	55.5	70 17	7 1336.2	2 1927		1909	×	3	339, 1208
	(SANDY NECK LICHTHOUSE, 1934) (ABAND.L.H.	D.L.H.)		21.145		53.225	ī					
TOWER	Sandy Neck Daybn. 40 ft. high (45)	•	क क	652.4	70 1	16 1230.	 	=	193h	M	33	6
	(HYANNIS STANDPIPE, 1934)			17.904		52.326	9					•
STANDPIFE	103 ft. high (223)	ı	17 17	552.1	70 1	16 1210.1	-	=	1934	×	33	339, 1208
	(YARESOUTH PAREZER STACK.			34.501	Ĺ		涎					
STACK	1934) S8 Ft. high (108)	,	12 12	1064.4	70	15 730.2	n 27	ε	1934	×	3	339, 1208
	Barnstable Standpipe			48.33		27.59		Rad.				
STANDPIPE	60 ft. high (180)	į	क क	1691	70 18	8 638	: :	Plot	1953	×	<u> </u>	339, 1208
	Barnstable Folice Radio Tower			56.82		-14,23	_	=				•
R. TR.	185 ft. high (250)		क क	1753	70	18 329	E			×	3	339, 1208
	Bacon Faras, Barn, Cupola			04.08		19.42	~	Radial				
CUFOLA	45 ft. high (95)		라다	126	70	17 1145	=	Plot	=	K	333	6
							1					

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. This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating

SELL MEGANERISENCES

30

T OF COMMERCE DETIC SURVEY COAST AND G U.S. DEPARTŃ

MONFIAMATING/ADS/94 LANDMARKS FOR CHARTS

STRIKE OUT ONE HO/ BE/CHANYED TO BE DELETED

Plymouth, Mass.

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

The positions given have been checked after listing by

/s/ Lorin F. Woodcock

`⊪—	AND M	AFECTED	<u></u>											(3)	f
1		ROESAN INGRENI	K			_	<u> </u>						<u> </u>		
	DATE	LOCATION													
	METHOD	BURVEY No.	T-11193												
		DATOM	N.A. 1927	 	-,-										
	LONGITUDES	// D. P. RETTERS													
NO HOOG	FOSITION	•	70 18.3					<u> </u>			,	ļ ļ			
	LATITUDE	J. M. METERS													
	747	•	1.21 1.4						_		,	1			
		SIGNAL													
	MASSACHUSETTS	DESCRIPTION	Obscured by trees												
	STATE	CHARTING	COURTHOUSE												

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

RECORD OF APPLICATION TO CHARTS

T-11193, T-11193a

and T-11194 FILE WITH DESCRIPTIVE REPORT OF SURVEY NO.



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	GARTOGRAPHER	REMARKS
581	1/11/68	18 McMellan	Full Part Before After Verification Review Inspection Signed Via
			Drawing No. Channel Mc Citial Carectine
	 	10 - 20 / 4	Full Part Before After Verification Review Inspection Signed Via
339	8.30.12	Apole R. Everboit	Drawing No. \$12 EYAN NO CRITICAL CORRECTIONS
			12 CIAM NO GETTICAL CORRECTIONS.
581	12-11-72	R. Heeley	Full Part Before After Verification Review Inspection Signed Via
 		//	Drawing No. 13 NO CORR
1298	3-71-72	DL P Lliber	Full After Verification Review Inspection Signed Via
+- 		0 9 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Drawing No. 32 Consider Adequately applied
			My CAR THEN AT 581#13, ECAT 339 #1
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Drawing 100.
			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.
			Full Part Before After Verification Review Inspection Signed Via
		,	Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			
	 		
	1	<u> </u>	<u> </u>



FORM C&GS-8882 SUPERSEDES ALL EDITIONS OF FORM C&GS-978

USCOMM-DC 8558-P63