

12500

Diag. Cht. No. 1209-2.

Form 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey Chart 265

Field No. Ph-6102 Office No. T-12500

LOCALITY

State Massachusetts

General locality Cape Cod

Locality Nantucket Island

1961

CHIEF OF PARTY

W.E.Randall, Baltimore Dist. Officer

LIBRARY & ARCHIVES

DATE May 1964

USCOMM-DC 5087

12500

DESCRIPTIVE REPORT - DATA RECORD

T-12500

CHART 265

~~XXXXXX~~

(1)

Project No. (II): Ph-6102

Quadrangle Name (IV):

Field Office (II):

Chief of Party:

Photogrammetric Office (III): Baltimore, Maryland

Officer-in-Charge: William E. Randall

Instructions dated (II) (III): 10 May 1961

Copy filed in Division of
Photogrammetry (IV)

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:40,000

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): 1:40,000

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 lower low water

Reference Station (III):

Lat.:

Long.:

Adjusted
Unadjusted

Plane Coordinates (IV):

State:

Zone:

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.

DESCRIPTIVE REPORT - DATA RECORD

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

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): **J. Wilson (bluffs)**

Date: **August 1961**

Planetable contouring by (II):

Date:

Completion Surveys by (II): *J. Wilson*

Date: *September 1961*

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

Infra-red high water photography.

Projection and Grids ruled by (IV): **JDC**

Date: **7/10/61**

Projection and Grids checked by (IV): **S. Elankenbaker**

Date:

Control plotted by (III):

Date:

Control checked by (III):

Date:

Radial Plot or Stereoscopic
Control extension by (III):

Date:

Stereoscopic Instrument compilation (III):
Planimetry
Contours

Date:

Date:

Manuscript delineated by (III): **R. Whitson**

Date: **8/29/61**

Photogrammetric Office Review by (III): **R. Glaser**

Date: **8/30/61**
11/1/61

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

Date:

DESCRIPTIVE REPORT - DATA RECORD

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

Camera (kind or source) (III): **C&GS - W. S. M. Cameras**

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PHOTOGRAPHS (III)

Number	Infra-Red	Date	Time	Scale	Stage of Tide
61-L-1557	thru 1567	4/12/61		1:30,000	-0.1' (highwater)
1569	" 1576	"		"	-0.1' "
1578	" 1587	"		"	+0.15' "
1589	" 1597	"		"	0.0
1599	" 1607	"		"	+0.2 (highwater)
Color %					
61-S-6607	thru 6624	"		1:20,000	
6625	" 6633	"		1:15,000	-0.1 (low water)
6635	" 6663	"		1:10,000	-0.1 (")
61-M-006	thru 013	"		1:20,000	
045	" 060	"		1:20,000	

**AERIAL PHOTOGRAPHY COORDINATED WITH TIDE STAFF
READING**

Tide (III)
Observed

Reference Station: **Nantucket**
Subordinate Station:
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
	3.0	3.6

Washington Office Review by (IV): **S.C. Blonkenbaker**

Date: **Dec. 1961**

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

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

Shoreline (More than 200 meters to opposite shore) (III):
Shoreline (Less than 200 meters to opposite shore) (III): } **83**

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II):

Recovered:

Identified:

Number of BMs searched for (II):

Recovered:

Identified:

Number of Recoverable Photo Stations established (III):

Number of Temporary Photo Hydro Stations established (III):

Remarks:

(5)

SUMMARY TO ACCOMPANY DESCRIPTIVE REPORT
Chart Drawing 265 (T-12500)
Topography

The compilation of topography on Chart Drawing 265 is one of ~~the~~ similar chart drawing compilations ranging in scale from 1:5,000 to 1:80,000 in Project PH-6102. The project, initiated to test the practicability of compiling Nautical Chart topography by photogrammetric methods for nautical charts, covers the south shore of Cape Cod, the Elizabeth Islands, Martha's Vineyard Island and Nantucket Island.

"Chart Histories" (Nautical Charts Division Forms) listing the sources of topographic information and "Landmark and Aids to Navigation" forms for each chart are included in the Descriptive Reports prepared for the 10 Chart Drawings of topography. The original Chart Histories and 567 forms (1 chart letter) will be furnished the Nautical Chart Division.

A summary of the major project workphases and general descriptions of methods used is included in the Project Completion Report.

T-12500

CHART 265

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REPRODUCTION LOG

Compilation Record	Completion Date	Remarks
1. Compilation completed	8/30/61	Copy made for field edit
2. Revised from field edit	10/30/61	" " " Photogrammetry Div.

FIELD EDIT REPORT
Project Ph-6102
Nantucket, Tuckernuck
and Muskeget Islands

GENERAL NOTES

The area was field-edited during the period of 12 September thru 18 September 1961. Corrections and additions have been inked on the photographs in black and referenced on the discrepancy prints in purple.

Special areas indicated on the discrepancy prints were investigated at or near low-water. Levels were run from Tidal Bench Mark 21 to establish the stage of tide. Walkie-Talkies were used to transmit the tidal data to the field inspector. Low tides were favorable for this work during the period of 12th thru 15th.

One day was spent in a special investigation of bluffs. This work was done from a launch 1 to 3 miles offshore. Chart 1209 is enclosed with the bluff data. Red indicates bluffs for 1:10,000 scale charts; blue for 1:40,000 scale charts; and green for 1:80,000 scale charts. Your attention is invited to several bluffs which have been indicated that are very high but have little landmark value because of the heavy grass and brush growing along their slopes. In several cases on the discrepancy print, questions were asked concerning sand dunes visible one mile offshore. In nearly every case, these sand dunes could be seen for 2 or 3 miles.

All landmarks for charts and fixed aids to navigation were thoroughly checked and are submitted on form 567 in accordance with the recent field edit instructions. Landmarks for charts were found to be correct except for the following: AERO - The beacon at the airport was moved in June 1961 and constructed on top of the administration building. Since photography was taken in April, this beacon was not in place at that time. However, the top of the building could be easily seen and that point has been identified on the photograph. DOME - This is a white plastic dome of a weather radar structure. It is located near the airport beacon and is one of the most prominent landmarks on the island; especially from the south side. The dome has been constructed in recent years. BELFRY - There are two prominent churches in Nantucket, one of which is the Church Tower which is shown on all of the charts. This church tower; however, is probably not as prominent as the white belfry on the First Congregational Church. The new landmark is recommended and can be seen especially good when approaching the island from the north. CUPOLA - This landmark is the cupola on a Coast Guard building near the southwestern end of the island. The Coast Guard has contracted to tear this building down by November 1961; therefore, it is recommended for deletion. LORAN TOWER - There is only one loran tower (300 ft) at the eastern end of Nantucket Island. According to the Coast Guard, a new tower will be constructed nearby by March 1962 which will be 600 or more feet in height. They do not intend to move the 300 foot tower. All aids to navigation were verified as shown on the charts. There are triangulation positions for all fixed aids around Nantucket Island.

Two wrecks were questioned on the discrepancy prints. The wreck, near the entrance to the harbor, is now on the beach above the high - water line. The other wreck, which is within the harbor, is about gone and only a section about 3 feet square remains. The position, as shown on the planimetric sheet, is good.

Several buildings, of landmark value, have been circled on the photographs. A number of supplemental objects suitable for use by the Coast Guard have been identified on the photographs, namely:

S Gable 1 story grey house	Photo 61-L-1559
Tank, Wooden, grey, water	Photo 61-L-1559
Chimney, Center 1½ story white house	Photo 61-L-1566
W end Quonset Hut	Photo 61-L-1573
Chimney, NW Corner Flat-top 2 Story House	Photo 61-L-1589
N Gable, 1½ story grey house	Photo 61-L-1583
S Gable, 1 story grey house	Photo 61-L-1584

The ends of several submerged cables were checked during this inspection. The line, linking Tuckernuck Island with Nantucket, has been abandoned. The cable is still in place however. The submerged cable, near the west end of Nantucket Island and linking Nantucket and Marthas Vineyard, begins at a small building which has been shown on the photograph. The submerged cables, near the entrance to Nantucket Harbor, consist of two cables, one power and one telephone. The telephone and power cables across Nantucket Harbor were laid alongside each other. After reaching the eastern side, the power cable goes to the East Jetty Light, while the telephone cable goes under ground to the telephone pole shown on the planimetric sheet.

Field edit notations are inked on the following photographs: 61-L-1558, 1559, 1560, 1561, 1562, 1566, 1569, 1570, 1573, 1583, 1584, 1589, 1600 and 1601. And on ratio print: 61-S-6989.

Submitted by:

Joseph K. Wilson
Chief, Photo Party 720

20 September 1961

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COMPILATION REPORT

T-12500
CHART 265

Field Report: No field report was used, other than that for project Ph-116 dated 1955. (Part of Descriptive Report for Survey T-11221)

31. DELINEATION

The manuscript was compiled from photographic reductions of planimetric surveys which are part of Project Ph-116. For surveys T-11216, T-11219, T-11222 and T-11223, the reductions were made before revisions of interior details were completed and some of the details were applied by use of the vertical projector.

32. CONTROL

Not applicable.

33. SUPPLEMENTAL DATA

A copy of the history form is attached. The data used in the compilation is listed.

34. CONTOURS AND DRAINAGE

Not applicable.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline is based on the office interpretation of the infra-red photographs which were taken at high tide. The low water line and other details were office interpreted from the color photography.

~~Bluffs~~ Bluffs were recommended for charting ~~after~~ ^{during} a special field investigation for this purpose ~~was made~~.

36. OFFSHORE DETAILS

Miacomet Rip, on the south shore, was delineated as it appears on the photos as two narrow lines of breakers.

Whale Rock, north of Nantucket, on the north shore, could not be interpreted.

Shoals and breaker areas were pencilled for use during application of hydrography.

37. LANDMARKS AND AIDS

Landmarks and aids to navigation listed on Forms 567 (T-11220 and T-11221) were plotted with the coordinatograph. The geographic positions were converted to plotting value computed from the Mercator projection data used by the Chart Division.

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Landmarks TOWER (SE tower of the CONSOLAN) and LORAN TOWER were not listed on form 567 and were transferred from the reductions.
prior to field edit

38. CONTROL FOR FUTURE SURVEYS

Several chart correction details have been compiled in red for future chart corrections.

39. JUNCTIONS

No topographic details exist in the area of the overlap of this chart with Chart 264 to the west.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41. thru 47.

Inapplicable.

48. GEOGRAPHIC NAMES

For the convenience of the Chart Division, Mr. Everett suggested that no geographic names be compiled.

Respectfully submitted
August 30, 1961

Joseph W. Vonasek
Carto. (Photo.)

Approved and forwarded

William E. Randall
CDR, USCG
Baltimore District Officer

(11)

REVIEW REPORT
Topography
Nautical Chart Drawing 265 (T-12500)
Nantucket Island

61. General Statement

In addition to the compilation of topography for new Chart Drawing 265 (1:40,000 scale) project compilation work will include the revision of topography on the 1:10,000 scale Nantucket Harbor Chart Drawing (No. 343) by the Chart Maintenance Section.

No precompilation field work was accomplished for the purpose of charting Nantucket Island topography. Existing 1:10,000 scale Bureau base maps (PH-116) provided the required topography after the maps were revised from 1961 color and infrared photography in the Baltimore office. Revision was limited to information required for charting.

The area of Nantucket Island covered by the Nantucket Harbor Chart was field edited specifically for the purpose of revising this chart. Sections of copies of the revised base maps covering the harbor chart area were used in the field edit. A copy of new Chart ^{Drawing} 265 was used for the field edit of the remainder of Nantucket Island.

No project PH-116 maps covering Nantucket Island have been reviewed in the Washington office except for the details on T-11217, T-11220 and T-11221 to be used in revising the harbor chart. A brief review report defining the extent of the review accomplished as a part of PH-6102 will be inserted in the Descriptive Reports for the three PH-116 surveys.

Hydrographic surveys were not compared with chart drawing 265 during photogrammetry review. Minor differences between the chart drawing and the unidentified hydrographic surveys of 1958 were resolved during ^{unverified} application of hydrographic data in the Nautical Chart Division. The hydrographic surveys were compared with the revised base maps in the area covered by the large scale harbor chart. Several discrepancies in position were listed in the planimetric survey review reports and listed in "Notes to the Verifier" pages inserted in the Discriptive Reports for hydrographic surveys H-8497 and H-8449. The photogrammetric location will be used in the chart revision work.

62. Comparison with Registered Topographic Surveys

No comparison was made with registered topographic surveys. Comparison with unregistered planimetric survey is discussed in item 61. of this report.

63. Comparison with Maps of Other Agencies

USGS Quad	Nantucket, Mass.	1:24,000 scale	1951
" "	Seaconset, Mass.	"	"
	Great Point, Mass.	"	"
	Tuckernuck Is., Mass.	"	"

No significant differences exist.

64. Comparison with Hydrographic Surveys

Comparison is discussed in item 61. of this report.

65. Comparison with Nautical Charts

1209	1:80,000	Revised 12/5/60
343	1:10,000	7/25/60

Minor differences exist due to physical and cultural changes. All rocks (awash and bare) visible on the low water color and high water infrared photography were delineated on the base maps and carried forward to chart drawings 265 and 343. A number of rocks charted (awash) on chart 343 (also delineated on the hydrographic survey) were not visible on the tide controlled photography. These rock areas were investigated by the field editor ~~and not found~~.

66. Adequacy of Results and Future Surveys

Chart drawing topography meets the National Horizontal Accuracy Standards and Bureau requirements.

Reviewed by:

S. G. Blankenbaker
S. G. Blankenbaker

Approved by:

LC Lande
Chief, Review Section
Photogrammetry Division

J. E. Laugh 5/26/64
Chief, Photogrammetry Division

Office Memorandum

NAVY DEPT

(#13)

Chief Photo Party 720

SUBJECT: Landmarks and Aids to Navigation
Nantucket, Mass.

Your Memorandum of 26 September 1961 is acknowledged and your items 1 thru 5 are discussed:

1. Brant Point Light has not been moved. Some work was done on the base of the structure in 1960 to reinforce it, but the position as shown in the GP list for BRANT POINT LIGHTHOUSE, 1910 is good.
2. The Coast Guard Lookout Tower at Brant Point was overlooked by me. It should be recommended on form 567 for charting. It is a skeleton steel tower, height 48(53) feet. Position 41-17-23.70 70-05-29.58. Please add this tower to the form 567 that we submitted to you.
3. NANTUCKET ISLAND WEST CONSOLAN TOWER, 1956 is a single skeleton steel tower. It is not the center of five as you intimated. The position was taken from the GP List, page 894. These were located by 3rd order triangulation by CAS in 1956 and are described in pamphlet 512, page 18. The height and elevation were determined in 1961. The tower has not been changed since 1956.
4. NANTUCKET ISLAND EAST CONSOLAN TOWER, 1956 was also located by 3rd order triangulation. The same for this tower as described in item 3.
5. NANTUCKET ISLAND TELEPHONE REFLECTOR, 1956 was located by 3rd order triangulation. The position was taken from the GP list as for item 3. The tower has not been moved since 1956.

Joseph K. Wilson
Joseph K. Wilson
Chief photo Party 720

ORDERED GP
AND D.S. FROM
LUNEFLOW

10/6/61

SENT TO BOWT.

10/8/61

CHART 265

DRAWING

SHEET 2

PROJECT

PH-6102

DATE

NC REC CORR FUTURE

TO REPRODUCTION

NC

NE

NP

RP

T.O.

DATE

LITH. Rec'd.

LITH. Ver.

PRINT DATE

HISTORY OF CARTOGRAPHIC WORK - NAUTICAL CHART BRANCH FILES

REMARKS (07/74)

APPLIED Serial No.	SOURCE OF INFORMATION			Type of Information	LOCALITY	INFORMATION APPLIED			
	File No.	Date	Authority			Completed	Time (hrs.)	Verified by	Started
5	T-11221 (photos 61-M-011, 012, 053-057 61-L-1574, 1575 1581, 1582 1590-1592 61-S-6627-6629 6648-6654)	Revised to 1961	C&GS	Topo	Siasconset				
6	T-11222 (photos 61-L-1564, 1565 61-S-6620-6622)	Revised to 1961	C&GS	Topo	Micromet Rip				
7	T-11223 (photos 61-M-056 61-S-6622-6624 61-L-1572-1574)	Revised to 1961	C&GS	Topo	Siasconset				
8	Descriptive reports for T-11220, T-11221 (forms 561)	July 1955	C&GS	Landmarks Aids	Nantucket Island				
5-7	R. W. Whitson	8/14/61		2/29/61	5-7		134	R G Lasey	2/28/61
8	J. C. R. Lister	2/18/61		3/18/61	8		6	J. W. W. W. W. W.	8/18/61

(16) (16)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

Form 155
(4-23-54)

APPROXIMATE AZIMUTH AND DISTANCE COMPUTATION

Station 1 Newbury RANK NAME Station 2 Newbury FRONT
 ϕ_1 or Y_1 41 17 20.58 λ_1 or X_1 70 05 33.30
 ϕ_2 or Y_2 41 17 23.13 λ_2 or X_2 70 05 34.28
 $\Delta\phi = \phi_2 - \phi_1, \Delta Y$ + 2.25 $\Delta\lambda = \lambda_2 - \lambda_1, \Delta X$ + 0.98

$\frac{1}{2}\Delta\phi$ 1.12
 $\phi_m = \phi_1 + \frac{1}{2}\Delta\phi$ 41 17 22.00
m/s of ϕ at ϕ_m 30.849 m/s of λ at ϕ_m 23.269
 $\Delta\phi''$ in seconds 2.25 $\Delta\lambda''$ in seconds 0.98
 $dm = \Delta\phi'' \cdot m/s$ 69.410 $dp = \Delta\lambda'' \cdot m/s$ 22.804

$\tan \alpha' = \frac{dp}{dm}$ or $\frac{\Delta X}{\Delta Y}$	$\Delta\phi - \Delta\lambda + \Delta Y - \Delta X$	$\Delta\phi + \Delta\lambda + \Delta Y + \Delta X$	$\Delta\phi + \Delta\lambda - \Delta Y + \Delta X$	$\Delta\phi - \Delta\lambda - \Delta Y - \Delta X$
$\tan \alpha' = 0.328541$	0°00.0	179°60.0	180°00.0	359°60.00
$\Delta\alpha/2$ (optional) from special tables	α' +	-18°11'15"	+	-
	$\Delta\alpha/2$ +	+	-	-
	α	161°48'45"		

$\cos \alpha' = 0.950040$

$\sin \alpha' = 0.312128$

(A) $s = dm, \Delta Y / \cos \alpha'$

(B) $s = dp, \Delta X / \sin \alpha'$

COAST-DC-57844

Form 155
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

ADDITION OF A SUBSTITUTE STATION P4 and RANGE

Name of Δ station Newbury FRONT LT
 ϕ or Y 41 17 21.26 λ or X 70 05 79.7
 $dm, \Delta Y = s \cos \alpha$ + 3809.2 $dp, \Delta X = s \sin \alpha$ + 1248.5
 ϕ or Y 41 17 24.31 λ or X 70 06 65.4
of the substitute station 20.65 of the substitute station 23.97
Distance s from Δ station to substitute station 4000 m
Azimuth α from Δ station to substitute station 161 48 45
 $\cos \alpha = 0.950040$ $\sin \alpha = 0.312128$
2046.2
1395.8
650.4

α	dm	dp	ΔY	ΔX
0° to 90°	-	+	-	-
90° to 180°	+	+	-	-
180° to 270°	+	-	+	+
270° to 360°	-	-	+	+

1 meter = 3.2808 feet
1 foot = 0.30480 meter

COAST-DC-47845

TO BE CHARTED
TO BE ~~REVISED~~
TO BE ~~DELETED~~

STRIKE OUT TWO

MONTHLY/QUARTLY/ANNUAL LANDMARKS FOR CHARTS

October 20 1961

Ball's Blowing Glass

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

The positions given have been checked after listing by **D. Macfar**

THE UNIVERSITY OF CHICAGO

Chief of Party:

[illegible]

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. Revisions shall show both the old and new positions. 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**

NON-FLOATING AIDS/OF LANDMARKS FOR CHARTS

Delaware, Maryland
October 20, 1961

I recommend that the following objects which have ~~(1844/184)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(1844/184)~~ the charts indicated.

The positions given have been checked after listing by

William C. Pondall	Chief of Party.
--------------------	-----------------

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. Revisions shall show both the old and new positions. 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**

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS
Baltimore, Maryland

TO BE CHARTED
DATE DELETED
10-15-56 DELETED

October 20 1961

I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be charted on the charts indicated.
The positions given have been checked after listing by

U. C. Carter

William P. Danforth, Chief of Party

STATE				POSITION				METHOD OF LOCATION AND SURVEY	DATE OF LOCATION	HARBOR CHART	OFFSHORE CHART	CHARTS AFFECTED
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE*		LONGITUDE*		DATUM					
			° ' "	° ' "	° ' "	° ' "						
LE	(Transferring Great Point Lighthouse 1835) Great Point Light		41 23	731.9	70 02	1073.4	N.A. 1927	Station	9/10/41	X	X	265, 260, 1209
LE	(Transferring Great Point Lighthouse 1835) Great Point Light		41 17	00.592	69 57	56.691				X	X	265, 1209
LE	(Transferring Great Point Lighthouse 1835) Great Point Light		41 10	1120.4	70 06	14.1				X	X	265, 263, 1209
LE	(Transferring Great Point Lighthouse 1835) Great Point Light		41 17	713.6	70 05	777.6				X	X	265, 263, 1209
LE	(Transferring Great Point Lighthouse 1835) Great Point Light		41 17	29.878	70 05	774.9				X	X	265, 263, 1209
LE	(Transferring Great Point Lighthouse 1835) Great Point Light		41 17	23.270	70 05	627.5				X	X	265, 263, 1209

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. Revisions shall show both the old and new positions. 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.

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

November 8 1961

~~TO BE CHARTERED~~
~~TO BE REVISED~~
~~TO BE DELETED~~

STRIKE OUT TWO

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.

Jacob W. Connors

The positions given have been checked after listing by

WILLIAM L. DUNFALL

Chief of Party,

[illegible]

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. Revisions shall show both the old and new positions. 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.

STRIKE OUT ONE

NON-TECHNICAL GUIDANCE FOR CHARTS

Nantucket, Massachusetts Sept 18, 1961

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

The positions given have been checked after listing by

Joseph K. Wilson

Chief of Party

[illegible]

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

