**Diag. Cht. No. 1209-2.**

**Form 804**

**U. S. DEPARTMENT OF COMMERCE**

**COAST AND GEODETIC SURVEY**

**DESCRIPTIVE REPORT**

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>Planimetric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field No. Ph-116</td>
<td>Office No. T-11220 a</td>
</tr>
<tr>
<td></td>
<td>T-11220 b</td>
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</table>

**LOCALITY**

<table>
<thead>
<tr>
<th>State</th>
<th>Massachusetts</th>
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<tbody>
<tr>
<td>General locality</td>
<td>Nantucket Island</td>
</tr>
<tr>
<td>Locality</td>
<td>Eel Point to Brant Point</td>
</tr>
</tbody>
</table>

**1955-61**

**CHIEF OF PARTY**

E.H. Kirsch, Chief of Party  
W.E. Randall, Chief of Party  
L.W. Swanson, Div. of Photo, Wash., D.C.

**LIBRARY & ARCHIVES**

**DATE** February 1, 1965
DATA RECORD

T-11220 A (PH-116)  
T-11220 B (PH-6102 and PH-116)

Project No. (II):  

Quadranlge Name (IV):  
PH-116 (refer to the Descriptive Report "Summary".

Field Office (II): Baltimore, Maryland  
Chief of Party: E. H. Kirsch  
Photogrammetric Office (III):  
Washington, D. C.) Officer-in-Charge: L. W. Swanson  
Baltimore, Md. T-11220 A  
W. E. Randall  
Instructions dated (II) (III):  
30 April 1953  
9 July 1953 (Supp. II)  
15 December 1955  
20 January 1956

Supplemental instructions (office) PH-116- 8 May 1961 & PH-6102 10 May 1961

Method of Compilation (III): Stereoplanigraph - Kelsh Plotter (T-11220 A)  
Stereoscopic Plotting Instrument Scale (III): 1:10,000

Manuscript Scale (III): 1:10,000  
Stereoscopic Plotting Instrument Scale (III): 1:10,000

Scale Factor (III): 1.0

Date received in Washington Office (IV):  
August 30, 1956

Date reported to Nautical Chart Branch (IV):  
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 (2) 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): Water Tower, 1932

Lat.: Long.: Adjusted

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

Y = 105,234.07 ft.  
X = 300,790.91

Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office,  
or (IV) Washington Office.

When entering names of personnel on this record give the surname and initials, not initials only.
Areas marked by various personnel
(Show name within area)
(I) (II) (III)
Field Inspection by (II): R. L. McGlinchey (T-11220 A)  Date: July 1955

Planetable contouring by (II): None  Date:

Completion Surveys by (II): R. L. McGlinchey (T-11220 A)  Date: July 1955
J. K. Wilson (T-11220 B)

(Refer to PH-6102) 

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

Field Inspection July 1955 (T-11220 A)

Revised from 1961 "tide controlled" infrared photography (T-11220 B) 1961

Projection and Grids ruled by (IV): A. Riley  Date: February 1956

Projection and Grids checked by (IV): A. Riley  Date: February 1956

Control plotted by (III): C. Cook  Date: June 1956

Control checked by (III): J. Perrow  Date: June 1956

Radial Plot or Stereoscopic
Control extension by (III): None  Date:

Planimetry
G. Cook
G. Ball

Stereoscopic Instrument compilation (III):

Manuscript delineated by (III): J. McDonald (T-11220 A)  Date: July 1956

Shoreline Revised J. C. Richter (T-11220 B) 1961

Photogrammetric Office Review by (III): C. E. Cook (T-11220 A)  Date: July 1956

Revision Review
R. Glaser (T-11220 B)  June 1961

Elevations on Manuscript checked by (II) (III): None  Date:

Form T-Page 3
Wild Aviogon

PHOTOGRAPHS (III)

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
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</thead>
<tbody>
<tr>
<td>55-W-5033 to 5037</td>
<td>15 March 1955</td>
<td>0954-0956</td>
<td>1:25,000</td>
<td>+0.3</td>
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<tr>
<td>55-W-5045 to 5049</td>
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<td>1002-1004</td>
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<td>+0.4</td>
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Color

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<th>Scale</th>
<th>Stage of Tide</th>
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<tbody>
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<td>61-S-6658 to 6662</td>
<td>4/12/61</td>
<td>1602</td>
<td>1:10,000</td>
<td>-0.1 (low water)</td>
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<tr>
<td>61-M-009 &amp; 010</td>
<td>4/12/61</td>
<td>1555</td>
<td>1:60,000</td>
<td></td>
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<tr>
<td>61-S-6616 to 6618</td>
<td>4/12/61</td>
<td>1527</td>
<td>1:20,000</td>
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Infrared

<table>
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<tr>
<th>Number</th>
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<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
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<tbody>
<tr>
<td>61-L-1561 to 1564</td>
<td>4/12/61</td>
<td>7:43</td>
<td>1:10,000</td>
<td>-0.1 (high water)</td>
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<tr>
<td>61-L-1593 to 1596</td>
<td>4/12/61</td>
<td>8:29</td>
<td>1:10,000</td>
<td>0.0 (high water)</td>
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</tbody>
</table>

Tide (III)

| Reference Station: Boston |
| Subordinate Station: Nantucket |
| Subordinate Station: Eel Point |

<table>
<thead>
<tr>
<th>Ratio of Ranges</th>
<th>Mean Range</th>
<th>Spring Range</th>
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<tbody>
<tr>
<td>9.5</td>
<td>11.0</td>
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<tr>
<td>0.32</td>
<td>3.0</td>
<td>3.6</td>
</tr>
<tr>
<td>0.25</td>
<td>2.4</td>
<td>2.9</td>
</tr>
</tbody>
</table>

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

Date: December 1961
July 1964

Final Drafting by (IV):

Drafting verified for reproduction by (IV):

Proof Edit by (IV):

Land Area (Sq. Statute Miles) (III): 17
Shoreline (More than 200 meters to opposite shore) (III): 24
Shoreline (Less than 200 meters to opposite shore) (III): NaN
Control Leveling - Miles (II):
Number of Triangulation Stations searched for (II):
Number of BMs searched for (II):
Number of Recoverable Photo Stations established (III):
Number of Temporary Photo Hydro Stations established (III):

Recoverability:

Identified:

Remarks:

Shoreline revised 17.7 miles
Refer to Descriptive Report for Nautical Chart Drawing 265 (T-12500) for new 567 forms covering Nantucket Island.

See Descriptive Report T-11221
Summary to Accompany Descriptive Reports

T-11219A and T-11219B

T-11220A and T-11220B

T-11219 (A and B) and T-11220 (A and B) are two of 40 similar surveys comprising project PH-116. Two maps (labeled "A" and "B") are to be registered for each of the subject surveys. Project coverage includes (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.

The shoreline on T-11219A and T-11220A was compiled from 1955 photographs (field inspected in 1955). This shoreline was used for Hydrographic Survey 8497 (1959).

New photography - tide controlled infrared and color - was taken in 1961 for the purpose of constructing a new nautical chart (265) of Nantucket Island. A chart compilation manuscript registered as T-12500, provided the new topography for the chart. The details required for the chart were revised on copies of T-11219A, T-11220A and other PH-116 maps. T-11219B and T-11220B are the revised copies of the maps.

A report of the 1959 photogrammetric work accomplished in conjunction with Hydrographic Survey 8497 is found in the Descriptive Report for T-11219 (A and B).
FIELD REPORT

See Descriptive Report T-11221.
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>DATUM</th>
<th>LATITUDE OR $\nu$-COORDINATE</th>
<th>LONGITUDE OR $\alpha$-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS</th>
<th>DATUM CORRECTION</th>
<th>N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>31 K (MGS)</td>
<td>MGS 116</td>
<td>1935</td>
<td>$Y = 91,769.98$</td>
<td>$X = 297,305.29$</td>
<td>1769.98, 3230.02</td>
<td>2305.29</td>
<td>2694.71</td>
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<tr>
<td>SS 31 K, 1935</td>
<td>MGS 117</td>
<td>1935</td>
<td>$Y = 91,342.70$</td>
<td>$X = 297,046.77$</td>
<td>1342.70, 3657.30</td>
<td>2046.77</td>
<td>2953.23</td>
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<td>31 N3 (MGS)</td>
<td>MGS 117</td>
<td>1935</td>
<td>$Y = 97,549.04$</td>
<td>$X = 308,212.94$</td>
<td>2549.04, 2450.96</td>
<td>3212.96</td>
<td>1787.06</td>
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<tr>
<td>SS 31N3, 1935</td>
<td>MGS 118</td>
<td>1935</td>
<td>$Y = 97,589.05$</td>
<td>$X = 308,260.31$</td>
<td>2589.05, 2410.95</td>
<td>3260.31</td>
<td>1739.69</td>
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<td>31 DD (MGS)</td>
<td>MGS 118</td>
<td>1935</td>
<td>$Y = 106,274.46$</td>
<td>$X = 306,719.61$</td>
<td>1274.46, 3725.54</td>
<td>1719.61</td>
<td>3280.39</td>
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<td>SS 31DD, 1935</td>
<td>MGS 119</td>
<td>1935</td>
<td>$Y = 106,135.08$</td>
<td>$X = 307,160.30$</td>
<td>1135.08, 3864.92</td>
<td>2160.30</td>
<td>2839.70</td>
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<td>31 DD (MGS)</td>
<td>MGS 118</td>
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<td>$Y = 105,927.09$</td>
<td>$X = 308,179.66$</td>
<td>927.09, 4072.98</td>
<td>3179.66</td>
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<tr>
<td>NORTH EAST BASE (MGS)</td>
<td>MGS 119</td>
<td>1935</td>
<td>$Y = 101,452.98$</td>
<td>$X = 285,862.13$</td>
<td>1652.98, 3547.02</td>
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<td>POST, 1955</td>
<td>Field Plane Coordinate</td>
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<td></td>
<td>MGS 119</td>
<td>1935</td>
<td>$Y = 107,315.43$</td>
<td>$X = 290,148.66$</td>
<td>2315.43, 2684.57</td>
<td>148.66</td>
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<td>SS POST, 1955</td>
<td>MGS 120</td>
<td>1932, r'37</td>
<td>$Y = 107,285.14$</td>
<td>$X = 290,210.10$</td>
<td>2285.14, 2714.86</td>
<td>210.10</td>
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<tr>
<td>LUCKY (MGS)</td>
<td>GF 120</td>
<td>1932, r'37</td>
<td>$Y = 41,15,50.695$</td>
<td>$X = 70,10,29.961$</td>
<td>1563.9, 287.05</td>
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<td>SS LUCKY</td>
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<td>$Y = 41,15,51.716$</td>
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<td>1022.9</td>
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<td>DATUM</td>
<td>LATITUDE OR ( \mu )-COORDINATE</td>
<td>LONGITUDE OR ( \lambda )-COORDINATE</td>
<td>DISTANCE FROM GRID IN FEET OR PROJECTION LINE IN METERS</td>
<td>DATUM CORRECTION</td>
<td>N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS</td>
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<td>SOUTHWEST BASE (NGS), 1932</td>
<td>GP 120</td>
<td>Y = 98,601.30</td>
<td>X = 281,912.11</td>
<td>3601.30</td>
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<td>SS SOUTHWEST BASE, 1932</td>
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<td>Y = 98,984.26</td>
<td>X = 282,034.13</td>
<td>3804.26</td>
<td>1195.74</td>
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<tr>
<td>NORTH 2, 1894</td>
<td>GP 14</td>
<td>Y = 103,616.38</td>
<td>X = 295,985.63</td>
<td>3616.38</td>
<td>1383.62</td>
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<td>SS NORTH 2, 1894</td>
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<td>Y = 103,703.94</td>
<td>X = 296,051.71</td>
<td>3703.94</td>
<td>1296.06</td>
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<tr>
<td>EAST JETTY LIT., 1955</td>
<td>Field Plane Coordinates</td>
<td>Y = 113,262.12</td>
<td>X = 309,748.44</td>
<td>3262.12</td>
<td>1737.88</td>
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<td>SMITH (NGS) 1931, r'1937</td>
<td>GPL20</td>
<td>Y = 106,375.06</td>
<td>X = 284,622.41</td>
<td>1375.06</td>
<td>3624.94</td>
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<td>SS SMITH, 1931</td>
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<td>Y = 106,196.01</td>
<td>X = 284,340.70</td>
<td>1196.01</td>
<td>3803.99</td>
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<td>NANTUCKET UNITARIAN CHURCH, SOUTH TOWER, 1835</td>
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<td>Y = 103,093.53</td>
<td>X = 310,078.17</td>
<td>3093.53</td>
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<td>WATER TOWER, 1932</td>
<td>8</td>
<td>Y = 105,234.07</td>
<td>X = 300,790.91</td>
<td>234.07</td>
<td>4765.93</td>
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<tr>
<td>BRANT POINT LIGHTHOUSE, 1910</td>
<td>GP 18</td>
<td>Y = 41-17-22.270</td>
<td>X = 70-05-26.968</td>
<td>717.9</td>
<td>133.1</td>
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<td>CLIFF HOTEL CUPOLA, 1893</td>
<td>5</td>
<td>Y = 105,822.57</td>
<td>X = 308,519.94</td>
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<td>4177.43</td>
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<td>&quot;DIONIS&quot; GRAVE STONE, 1894</td>
<td>GP 16</td>
<td>Y = 41-17-08.75</td>
<td>X = 70-07-56.12</td>
<td>269.9</td>
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<td>FRONT RANGE, 1910</td>
<td>GP 18</td>
<td>41-17-23.132</td>
<td>713.6</td>
<td>1137.34</td>
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<td>70-05-34.277</td>
<td>797.6</td>
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<td>NANTUCKET BAPTIST</td>
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<td>41-16-52.04</td>
<td>1605.4</td>
<td>245.6</td>
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<td>CHURCH, 1867</td>
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<td>70-06-07.16</td>
<td>166.6</td>
<td>1229.69</td>
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<td>REAR RANGE, 1910</td>
<td>GP 18</td>
<td>41-17-20.878</td>
<td>644.1</td>
<td>1206.87</td>
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<td>70-05-33.300</td>
<td>774.9</td>
<td>621.28</td>
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<td>SARAD, 1937</td>
<td>1</td>
<td>$Y = 101,217.12$</td>
<td>1217.12</td>
<td>3782.88</td>
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<td>$X = 309,500.65$</td>
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<td>499.35</td>
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<td>TANK, 1935</td>
<td>GP 120</td>
<td>$Y = 105,187.56$</td>
<td>187.56</td>
<td>4812.44</td>
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<td>$X = 300,802.86$</td>
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<td>4197.14</td>
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<td>SS NORTHEAST BASE, 1935</td>
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<td>$Y = 101,132.28$</td>
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<td>3867.72</td>
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<td>$X = 285,879.16$</td>
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<td>4120.84</td>
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</tbody>
</table>
31. **DELINEATION:**

The stereoplanigraph and Kelsh plotter were used for detailing. Field inspection of public buildings in the urban area of Nantucket was not fully complete, but it was very thorough on the balance of the sheet.

32. **CONTROL** - Not applicable.

33. **SUPPLEMENTAL DATA** - Not applicable.

34. **CONTOURS AND DRAINAGE** - See field report on drainage.

35. **SHORELINE AND ALONGSHORE DETAILS:**

Apparent shoreline and shallow areas were delineated from office photographs. Low water line was from field inspection.

36. **OFFSHORE DETAILS:** Shoal and breaker areas delineated from office photographs.

37. **LANDMARKS AND AIDS:**

See attached Form 567. No height is indicated for landmark Tower, 1955.

38. **CONTROL FOR FUTURE SURVEYS** - Not applicable.

39. **JUNCTIONS:**

Junctions were made with T-11219 on the west, T-11222 on the south and T-11221 on the east.

40. **HORIZONTAL AND VERTICAL ACCURACY** - No comment.

46. **COMPARISON WITH EXISTING MAPS:**

AMS Sheet 6966 I SW
Nantucket, Massachusetts
1:25,000 1947

USGS Nantucket Quadrangle
Nantucket, Massachusetts
1/31680 1951
47. **COMPARISON WITH NAUTICAL CHARTS:**

Nautical Chart No. 1209  
Nantucket Sound and Approaches  
1:80,000, 1943, corr. to 8/30/54

Nautical Chart No. 343  
Nantucket Harbor  
1:10,000, 1949, corr. 7/26/54

(b) "Items to be Applied Immediately to Nautical Charts:" - None

(c) "Items to be Carried Forward:" - None

Submitted by: C. E. Cook

---

Approved:

---

K. N. Maki  
Supervisory Photogrammetric Engineer

M. Keller  
Supervisory Cartographer
SUPPLEMENTAL COMPILATION REPORT
T-11220 3

Ratio prints of the infrared photography were used to revise the high-water line by holding details common to both the manuscript and the photographs.

The approximate low water line, (limits of sand) breaker areas and the apparent edge of shallow areas were delineated by office interpretation on overlays from the low-water color photographs at approximate scales of 1:10,000 and 1:60,000. These details were then transferred to the manuscript by use of the vertical projector. Also delineated were several buoys and a large rock which appeared unmistakably on the larger scale low-water color photos.

Respectfully submitted
29 June 1961

R. Glaser
Carto. (Photo.)

Approved and forwarded

William E. Randall
CDR, CZGS
Baltimore District Officer

Addendum:
Only those interior details needed for the compilation of Chart 265 have been added or revised from 1961 photography. Drawing 265 and the revision of Chart Drawing 343 have been added or revised from 1961 photograph (PH-6102)
REVIEW REPORT
(PARTIAL REVIEW OF T-11220)

61. General Statement

T-11220 provided topography for nautical chart compilation (chart drawing 265) and revision (chart drawing 343). These compilations were accomplished as a part of Project PH-6102. This review was limited to the review of topographic information applied to Nantucket Harbor chart drawing 343. T-11220 was revised in the Baltimore Office from 1961 color and infra-red photography prior to application to the chart drawings. Details other than topographic information required for charts were not revised. T-11220 details applied to the chart drawings were field edited. A supplemental compilation report pertaining to the revision work is included in this Descriptive Report. The Field Edit Report is a part of the Descriptive Report for Chart 265. Other field edit data is a part of PH-6102.

62. No comparison was made with "Registered Topographic Surveys."

63. No significant differences were noted in comparing topography with the latest (1951) USGS quadrangles.

64. Comparison with Hydrographic Surveys

Hydrographic survey H-8497 (1958) was compared with T-11220 in the Nantucket Harbor area covered by Nautical Chart 343. Natural and cultural changes have occurred since 1958. There are no conflicts between soundings and the planimetric survey shoreline.

The following differences in the position of details between the surveys were listed in a "Notes to the Verifier" page inserted in the Descriptive Report for H-8497: (1) Wreck (Lat. 41°17.65' Long. 70°07.91') (2) Dolphins (Lat. 41°17.1' Long. 70°05.61') (3) Marine Railway (Lat. 41°16.75' Long. 70°05.55').

65. Comparison with Nautical Charts

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 the chart drawings. A number of rocks charted (awash) on chart 343 were not visible on the tide controlled photography. These rock areas were investigated by the field editor and not found.
Reviewed by:

S. G. Blankenbaker

Approved by:

Chief, Review Section
Photogrammetry Division

Chief, Photogrammetry Division

Chief, Nautical Chart Division

Chief, Operations Division
Review Reports
T-11219A and T-11219B
T-11220A and T-11220B

61. General
Refer to the subject Descriptive Report "Summaries" concerning the registration of two maps each for surveys T-11219 and T-11220.

62. Comparison with Registered Topographic Surveys
T-11220 supersedes T-8204, scale 1:10,000, date 1948, for charting purposes in the common area. Having been used for (1) shoreline for Hydrographic Survey No. 8497 (maps T-11219A and T-11220A), and (2) new nautical chart construction (maps T-11219B and T-11220B), the maps were not compared with older topographic surveys at the time of final review. Manuscripts T-11219B and T-11220B or chart compilation manuscript T-12500 should be used for future chart construction.

63. Comparison with Maps of Other Agencies
Quadrangle Tuckernuck Island, scale 1:24,000, date 1951
Quadrangle Nantucket, scale 1:24,000, date 1951.
No significant differences were noted.

64. Comparison with Contemporary Hydrographic Surveys
8497
Scale 1:10,000
Date 1958-59
A portion of T-11219A shoreline shown on H-8497 was relocated by planimetal method. The revised shoreline was not applied to T-11219A.

The inaccurately located rock (on map T-11219A) referred to in the Photogrammetric Report of hydro support activities (bound with the subject Descriptive Report) was removed from T-11219A during final review. The rock was relocated on T-11219B.

The differences in mapped shoreline between the planimetric surveys (T-11219B and T-11220B) and the hydrographic survey (8497) reflect shoreline changes that occurred after 1959-the time of the hydrographic survey.

65. Comparison with Nautical Charts
265
Scale 1:40,000
Date 1963
Topography for this chart was provided through T-11219B T-11220B and other PH-116 surveys; refer to the Descriptive Report "Summary" and other sections of this report.

66. Adequacy of Results and Future Surveys

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

Reviewed by:

S. G. Blankenbaker

Approved by:

Chief, Photogrammetric Branch  Chief, Nautical Chart Division

Chief, Photogrammetry Division
PHOTOGRAMMETRIC OFFICE REVIEW
T-11220A


CONTROL STATIONS
5. Horizontal control stations of third-order or higher accuracy ☑ 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) ☑ 7. Photo hydro stations ☑ 8. Bench marks ☑

ALONGSHORE AREAS
(Nautical Chart Data)

· PHYSICAL FEATURES

CULTURAL FEATURES

BOUNDARIES
31. Boundary lines ☑ 32. Public land lines ☑

MISCELLANEOUS
40. C. E. Cook ☑
   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 ☑ 43. Remarks:

Supervisor ☑

P. 6223-12
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 ____________________________

E. O. Hunt

E. E. Kirsch

Chief of Party.

<table>
<thead>
<tr>
<th>STATE</th>
<th>Massachusetts</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHARTING NAME</td>
<td>DESCRIPTION</td>
</tr>
<tr>
<td>______</td>
<td>_________</td>
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<tr>
<td>______</td>
<td>_________</td>
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<td>_________</td>
</tr>
<tr>
<td>______</td>
<td>_________</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>STATE</th>
<th>Massachusetts</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAME</td>
<td>CHARTING NAME</td>
</tr>
<tr>
<td>C.G. Lookout Tower</td>
<td>C.G. Lookout Tower</td>
</tr>
<tr>
<td>Gold Dome atop church</td>
<td>Gold Dome atop church</td>
</tr>
<tr>
<td>Center one of five</td>
<td>Center one of five</td>
</tr>
<tr>
<td>About. C.G. Cupola</td>
<td>About. C.G. Cupola</td>
</tr>
<tr>
<td>Black standpipe</td>
<td>Black standpipe</td>
</tr>
<tr>
<td>Telephone Mast</td>
<td>Telephone Mast</td>
</tr>
</tbody>
</table>

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

The positions given have been checked after listing by

E. L. Hark

E. J. Kirsch

Chief of Party

<table>
<thead>
<tr>
<th>STATE</th>
<th>Charting Name</th>
<th>Description</th>
<th>Signal Name</th>
<th>LATITUDE D M</th>
<th>LONGITUDE D M</th>
<th>Datum</th>
<th>Method of Location and Survey</th>
<th>Date of Location</th>
<th>Chart Affected</th>
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</thead>
<tbody>
<tr>
<td>Massachusetts</td>
<td>(16)</td>
<td>O'D. TOWER (Abandoned Lt. House)</td>
<td></td>
<td>43 17</td>
<td>22.58</td>
<td>70 05</td>
<td>36.72</td>
<td>1927</td>
<td>X</td>
</tr>
</tbody>
</table>

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
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

E. C. Kirch
Chief of Party

<table>
<thead>
<tr>
<th>CHARTING NAME</th>
<th>DESCRIPTION</th>
<th>SIGNAL NAME</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
<th>DATUM</th>
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<tr>
<td>RADIO</td>
<td>Center one of five</td>
<td>61-16</td>
<td>06.71</td>
<td>70-10</td>
<td>1927</td>
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<tr>
<td>M.T.</td>
<td></td>
<td>207.0</td>
<td>1155.0</td>
<td>1955</td>
<td></td>
</tr>
</tbody>
</table>

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
Atlantic Avenue
Atlantic Ocean
Bartlett Farm Road (not Bartlett St. of T-3204)
Bartlett Road
Brant Point
Cambridge Street
Cisco (see field name sheet for location)
Cliff Road
Coast Guard Station No. 47 (on Brant Point)
Compaun Pond
Crooked Lane
Cyrus Pierce School
Dionne Beach (see field name sheet for location)
East Jetty
Easton Street (see T-3204; near Brant Point)
El Point
El Point Road
Fair Grounds
Fair Ground Road
Friends Cemetery
First Point (in place of Coates Point on quad)
Great Neck (landmark)
Great Neck Pond
Head of Hammock (pond)
Hither Creek
Hulbert Avenue
Hummock Pond
Hummock Pond Road
Jackson Point
Jeremy Cove
Johns Point
Little Neck
Little Pond
Long Pond
Lovers Lane
Madaket
Madaket Harbor
Madaket Road
Massachusetts Bridge
Masseys Pond
Macomet Pond
Macomet Road
Millbrook Swamp
Mantucket
Mantucket Cliffs
Mantucket Harbor
Mantucket Island
Mantucket Sound
New Lane
New Milk Street
No Bottom Pond
North Beach Street
North Beach Long Pond
Old North Cemetery
Old South Cemetery
Orange Street
Prospect Hill Cemetery
Ram Rattle
Read Pond
Reedy Pond
Rotten Pumpkin Pond
St Marys Cemetery
Sheep Pond
Somerset Road
Somerset Street
Sparks Avenue
Surfaide Road
Swain Hill
The Creeks
The Woods
Trots Hills
Trots Swamp
Vesper Lane
Vestal Street
Wannacomet Road
Warren Landing
Washing Pond
West Chester Road
West Jetty
White Goose Cove

Names approved 7-5-66.
L. Hook

For names of wharves and docks in Nantucket Harbor, see T-8204, if it is desired to use them on these sheet.
# Nautical Chart Division

## Record of Application to Charts

**File With Descriptive Report of Survey No.** T-11220 a & b

## 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.

<table>
<thead>
<tr>
<th>Chart</th>
<th>Date</th>
<th>Cartographer</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>265</td>
<td>7-10-73</td>
<td>Oscar Chapman</td>
<td>Full Part Before After Verification Review Inspection Signed Via Drawing No.</td>
</tr>
<tr>
<td>1209</td>
<td>7-10-73</td>
<td>Oscar Chapman</td>
<td>Full Part Before After Verification Review Inspection Signed Via Drawing No.</td>
</tr>
</tbody>
</table>

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**Form C&GS-8352 Supersedes All Editions of Form C&GS-979**

USCG DC 8558-P63