

11221 a
11221 b

Diag. Cht. No. 1209-2.

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	Planimetric
Field No. Ph-116	Office No. T-11221 a T-11221 b
LOCALITY	
State	Massachusetts
General locality	Nantucket Island
Locality	Siasconset
1955-61	
CHIEF OF PARTY E.H.Kirsch, Chief of Party L.W.Swanson, Div. of Photo. Wash., D.C.	
LIBRARY & ARCHIVES	
DATE	February 1, 1965

USCOMM-DC 5087

11221 a
11221 b

Inked notations refer 1961 revision work. Refer to supplemental compilation and Review Reports. - A part of this Descriptive Report.

DATA RECORD

①

T - 11221A and T-11221B

Refer to the Summary (Page 6)
Concerning the registration of two
maps ("A" and "B") for this survey

Project No. (II): Ph-116

Quadrangle Name (IV):

Field Office (II): Baltimore, Maryland

Chief of Party: E. H. Kirsch

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

Officer-in-Charge: L. W. Swanson

Instructions dated (II) (III):
30 April 1953
9 July 1953 (Supp. II)
15 December 1955
20 January 1956

Copy filed in Division of
Photogrammetry (IV)

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

Method of Compilation (III): Stereo instruments
Kelsh and Stereoplanigraph

Manuscript Scale (III): 1:10,000

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

Scale Factor (III):

Date received in Washington Office (IV):

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV):

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): NA 1927

Vertical Datum (III): MHW

~~Mean sea level except as follows:~~

Elevations shown as (25) refer to mean high water
Elevations shown as (5) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): Siasconset Black Standpipe, 1932

Lat.:

Long.:

Adjusted
Unadjusted

Plane Coordinates (IV):

State: Mass.

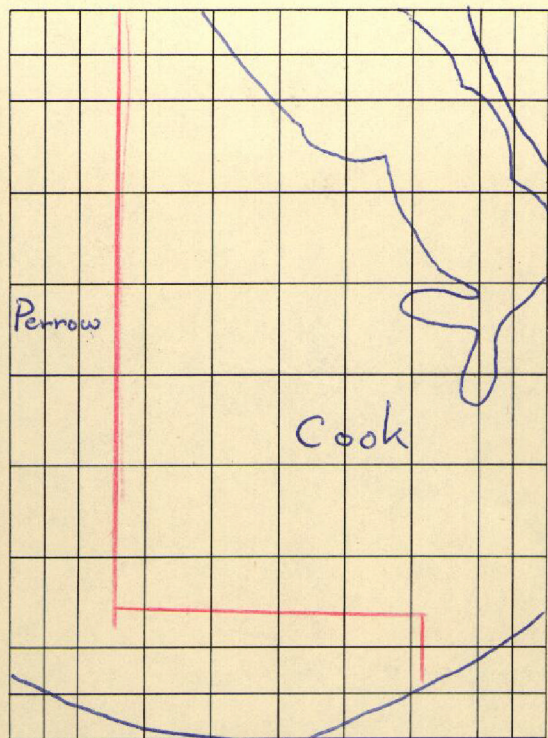
Zone: Island Zone

Y= 96,440.29 ft.

X= 346008.70 ft.

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.



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

DATA RECORD

3

Field Inspection by (II): R. L. McGlinchey

Date: July 1955

Planetable contouring by (II): None

Date:

Completion Surveys by (II): R. L. McGlinchey

Date: July 1955

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

Field Inspection July 1955

Revised from April 1961 "tide controlled" infrared photography

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

Date: 4 Jan. 1956

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

Date: 4 Jan. 1956

Control plotted by (III):
C. Cook
M. Keller
J. Perrow

Date: Feb. 1956

Control checked by (III):
C. Cook
M. Keller
J. Perrow

Date: Feb. 1956

Radial Plot or Stereoscopic

Control extension by (III): J. Perrow

Date: Feb. 1956

Stereoscopic Instrument compilation (III):
Planimetry C. Cook
Contours J. Perrow

Date: Feb. 1956

Date:

Manuscript delineated by (III): C. Cook

Date: March 1956

Shoreline revised B. Wilson

July 1961

Photogrammetric Office Review by (III):

Date:

Revision Review R. Glaser

July, 1961

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

Date:

Camera (kind or source) (III):

Wild Aviogon

(4)

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide datum MLW
55-W-5025 thru 5027	15 March 1955	9:50	25,000	+ 0.3
5028 thru 5033	"	9:52	"	+ 0.3
5049 thru 5054	"	10:03	"	+ 0.3
5056 thru 5060	"	10:10	"	+ 0.3
COLOR				
61-S-6627 thru 6629	4/12/61	1543	1:15,000	OBSERVED TIDE - 0.1 (low-water)
61-S-6648 " 6654	4/12/61	1557	1:10,000	- 0.1 (low-water)
61-M-053 " 057	4/12/61	0640	1:60,000	not available
61-M-011 " 012	4/12/61	1557	1:60,000	" "
INFRARED				
61-L-1574 thru 1575	4-12-61	0759	1:10,000	not available
61-L-1581 thru 1582	4-12-61	0809	"	+ 0.15 (high water)
61-L-1590 thru 1592	4-12-61	0827	"	0.0 (high water)

Tide (III)

Reference Station: Boston
Subordinate Station: Siasconset
Subordinate Station: Wauwinet

Ratio of Ranges	Mean Range	Spring Range
	9.5	11.0
	1.2	1.4
	3.3	3.7

Washington Office Review by (IV): S.G. Blankenbaker
Topography to be applied to Chart Drawing 343
Final Drafting by (IV):

Date: Dec. 1961
JULY 1964 (FINAL REVIEW)

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Nantucket Island Sheets T-11216, 17, 19, 20, 21, 22 and 23

Land Area (Sq. Statute Miles) (III): 50 sq. mi.

Shoreline (More than 200 meters to opposite shore) (III): 96 mi. *

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

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 96

Recovered: 39

Identified: 33

Number of BMs searched for (II): 16

Recovered: 15

Identified: 5

Number of Recoverable Photo Stations established (III):

Number of Temporary Photo Hydro Stations established (III):

Number of Triangulation Stations established

5

Identified 5

Remarks:

* Shoreline revised 19.2 mi.

Refer to the Descriptive Report for Nautical Chart Drawing
265 for New 567 forms

SHORELINE MAPPING PROJECT PH- 116

CAPE COD, MASS.

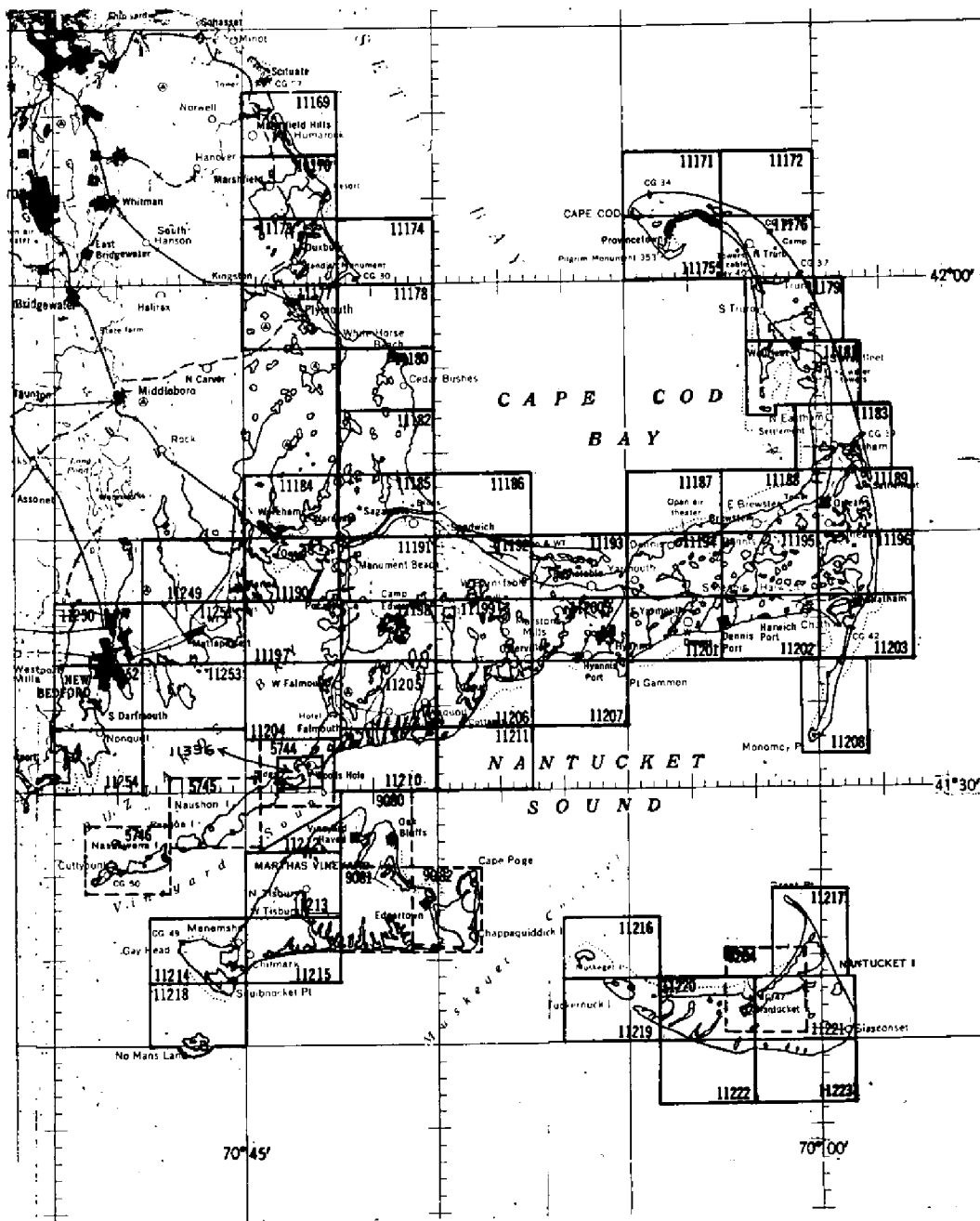
5

OFFICIAL MILEAGE FOR COST ACCOUNTS

Sheet No. Lin. Miles Shoreline Sq. St. Miles

11169	24	11
11170	12	16
11171	10	7
11172	2	1
11173	26	12
11174	6	1
11175	18	5
11176	12	10
11177	14	10
11178	4	2
11179	15	18
11180	9	15
11181	31	12
11182	7	12
11183	23	12
11184	12	13
11185	8	17
11186	6	3
11187	5	2
11188	13	9
11189	20	12
11190	59	12
11191	17	13
11192	5	19
11193	32	13
11194	7	15
11195	3	16
11196	14	8
11197	19	4
11198	7	7
11199	9	9
11200	25	10
11201	13	12
11202	13	9
11203	24	6
11204	12	5
11205	9	15
11206	20	14
11207	6	2
11208	14	3
11210	25	6
11211	3	1
11212	12	4
11213	7	22
11214	22	7
11215	25	14
11216	5	1
11217	22	3
11218	9	2
11219	12	2
11220	24	17
11221	20	21
11222	6	2
11223	7	4
11249	7	24
11250	11	23
11251	19	21
11252	15	13
11253	13	1
11254	16	3
11336	7	1

TOTALS 872 584



Summary to Accompany Descriptive Reports

T-11221A and T-11221B

T-11123A and T-11123B

T-11121 and T-11123 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, and (3) the islands of Martha's Vineyard and Nantucket. The subject maps cover the southeastern shore of Nantucket Island.

The shoreline on T-11121A and T-11123A was compiled from 1955 photographs (field inspected in 1955). This shoreline was used for Hydrographic surveys 8449 and 8450 (1958).

New photography - tide controlled infra red and color - was taken in 1961 for the purpose of constructing a new nautical chart (265). A chart compilation manuscript, registered as T-12500, provided the new topography for the chart. The details required for the new chart were revised on T-11221 and T-11223. T-111221B and T-11123B are the revised copies.

A report covering 1958 photogrammetric field work accomplished in conjunction with Hydrographic Surveys H-8449. H-8459; and H-8497 is bound with Descriptive Report T-11217 (A and B)

Nantucket Island

MAP T. 11221

PROJECT NO. 6116

SCALE OF MAP 1/10,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ν -COORDINATE LONGITUDE OR x -COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
EAST MOOR (MGS) 1923, r '37	MGS - 119	1927	Y = 109 967.44 X = 339,139.92	4967.44	32.56				
				4139.92	860.08				
SANKATY HEAD LIGHTHOUSE, 1867	GP. 9		Y = 96 440.29 X = 346 008.70	18.3	1832.7				
				1319.3	77.0				
SIASCONSET BLACK STANDPIPE, 1932	GP. 8		Y = 95,983.03 X = 340,308.79	1440.29	3559.71				
				1008.70	3991.30				
31 A (MGS)	MGS 120		Y = 95 707.87 X = 317,416.99	983.03	4016.97				
				308.79	4691.21				
JERRY, 1937	1-119		Y = 105,166.25 X = 323,090.04	707.87	4292.13				
				2416.99	2583.01				
31AB (MGS) 1935	MGS 120		Y = 102,885.59 X = 330,437.90	166.25	4833.75				
				3090.04	1909.96				
SHAWA UKEMO 1875	GP. 9		Y = 103,004.51 X = 329,947.27	36.6	1814.4				
				115.5	1280.8				
GIBBS POND 2, 1935	1		Y = 104 584.37 X = 322 085.61	2885.59	2114.41				
				437.90	4562.10				
OMNI, VOR-ACK 1955	Field plane coordinates		Y = 104 584.37 X = 322 085.61	3004.51	1995.49				
				4947.27	52.73				
SS 31AB (MGS) 1935			Y = 104 584.37 X = 322 085.61	4584.37	415.63				
				2085.61	2914.39				
S.S. JERRY, 1937			Y = 104 584.37 X = 322 085.61	1284.3	566.7				
				571.7	824.0				
S.S. EAST MOOR, 1937			Y = 104 584.37 X = 322 085.61	170.1	1680.9				
				529.7	865.8				

1 FT. = 3048006 METER

COMPUTED BY

M. Keller

DATE February 1956

CHECKED BY

C. Cook

DATE

February 1956

M-2388-12

SCALE FACTOR

FACTOR DISTANCE
FROM GRID OR PROJECTION LINE
IN METERS

FORWARD (BACK)

100

February 1956

M.2388.12

FIELD INSPECTION REPORT
Project Ph-116 (Nantucket)
Quadrangles 11216, 11217, 11219, 11220, 11221, 11222, 11223
EMIL H. KIRSCH, Chief of Party

The field work for these quadrangles was done in accordance with the Director's Instructions, Project Ph-116, dated 30 April, 1953 and Supplement II, dated 9 July, 1953. Field work was done in July, 1955 by Ens. Richard H. Houlder and Richard L. McGlinchey. This report covers that portion of Ph-116 covering Nantucket, Muskeget and Tuckernuck Islands.

2. AREAL FIELD INSPECTION

These quadrangles all lie in Nantucket County, approximately 30 miles eastward of the mainland of Cape Cod. The land area is predominately grass, scrub and stunted pine. Nantucket, incorporated in 1761, is the only incorporated town. The island of Nantucket is adequately served with paved and secondary roads. There are no state or federal route numbers. Only trails exist on Tuckernuck and Muskeget Islands.

Nantucket, once the whaling capital of the world, is now a prominent tourist resort. It embraces a fine harbor and airfield and is served with scheduled runs to the mainland of a steamship ferry operated by the New Bedford, Woods Hole, Martha's Vineyard, Nantucket Steamship Authority. There are no industries on the island, but a small amount of fishing is done.

The quality of the photographs is satisfactory. No difficulty should be encountered in the interpretation of tones by the compiler.

The field inspection is believed to be complete.

3. HORIZONTAL CONTROL

All known horizontal control was searched for and reported on Form 526. Nantucket Island has many Massachusetts Geodetic Survey Stations. Only those tied to the Bureau net and those needed to control the plot, were recovered.

Five third-order stations were established. EAST JETTY LT., 1955 was located by theodolite cuts, SANDY, 1955; COATUE, 1955; SMITH PT. 2, 1955; and POST, 1955 was established by 3 or four-point fixes. PEAK, 1955 was established on Muskeget Island by a single triangle and only an azimuth check could be obtained. This position should be classified as lower than third order. All existing control on that island had been destroyed.

No datum adjustment was made by this party.

4. VERTICAL CONTROL

Only tidal bench marks were searched for. Fifteen were recovered and one, B.M 11a, 1910 is believed lost. One in each group was identified.

5. CONTOURS AND DRAINAGE

No contouring was done and no changes to existing contours was made.

There is no definite drainage pattern on the island. The topography is irregular shaped sand dunes with many pockets of ponds, intermittent ponds and swamps. Only along the south side of Nantucket is there any drainage pattern toward the sea.

6. WOODLAND COVER

Not applicable.

7. SHORELINE AND ALONGSHORE FEATURES

Practically all the shoreline within the project is fast shoreline. The shape of the islands is constantly changing from eroding shoreline. The south and west coast of Nantucket Island is being washed into the sea at a fairly rapid rate; however, the southeast and east sides have built up considerably over the past 30 years. The south side of Tuckernuck is eroding rapidly and menacing sand bars exist east and west of the island. These sand bars are mostly bare at M.L.W. and are continually shifting.

The entire foreshore is sand. In areas of long sand bars and eroding shoreline, the Mean High and Mean Low Water was located by plane table. Other shoreline was measured from identifiable features and visual photo interpretation. Photography for the entire project was at or near mean low water.

Docks, piers and landings are clearly indicated on the field photographs.

8. OFFSHORE FEATURES

Two stone jetties, extending northward from the harbor entrance, are one of the most prominent features of the island. A submerged cable crosses the harbor entrance at Brant Pt. to Coatus Island. Another cable, going under ground at the west end of Nantucket Island, leads to Martha's Vineyard and the mainland. Its underwater position could not be determined. See photo 55-W-5038.

A wreck, on the north shore of Coatus Island and charted on N. C. 343 was not in evidence. It has apparently been covered with sand and has been recommended for deletion from the chart.

Whale Rock, off the north coast of Nantucket Cliffs, could not be located and its investigation is recommended by the hydrographer.

9. LANDMARKS AND AIDS

Three Aeronautical aids were recommended for charting. The OMNI range (A.C.K.) of which a third order position was obtained, the Airport beacon, to be located by the photo plot, and a 325 ft. transmitting tower. This tower is the center of five and the only one in operation. The other four are in the process of being relocated and were not located by this party.

One C.G. lookout tower, one church tower, two cupolas, two standpipes and two radio masts were recommended for landmarks for charts, and six fixed aids to navigation, recommended for charting.

Investigation proved that the position of Nantucket Front and Rear Range Lt. has not been changed since their location in 1910.

The old Brant Pt. Lighthouse has been recommended for deletion from the charts as this is no longer the most prominent feature on this point.

10. MONUMENTS AND LINES

The boundary of the incorporated town of Nantucket is the M.H.W. line around the island. The boundaries of Nantucket County is the mean high water line of the three islands. The only other political boundary is the Nantucket Memorial Airfield. This boundary is outlined in the field photographs. Some points were recovered and an existing plan of this field, on file at the Airport Manager's Office, aided in depicting these boundaries.

Following is a description of this boundary by courses; beginning at the S.W. corner, thence (station recovered):

	o	i
N	5-39-57 E	3025.94
N	29-09-43 E	425.08
N	14-09-53 E	1344.53
N	14-27-33 E	312.75
S	79-00-54 E	606.75
N	14-01-11 E	419.02
S	82-10-05 E	1813.42
S	86-10-22 E	586.61
N	85-09-51 E	1051.38
S	3-23-44 E	880.55
S	3-22-37 E	1729.57
S	25-16-51 E	1662.31
S	10-44-53 W	296.53

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S 10-48-43 W	614.01	
N 82-55-28 W	3001.63	
S 20-23-09 W	659.79	
S 35-39-08 E	107.01	
N 84-19-55 W	2599.51	to pt. of beginning

11. OTHER CONTROL

Three monumental topographic stations were established, POND, 1955, TUCK, 1955 and PEAK, 1955 (See Par. 3). Many prominent cultural features along the shoreline were located to assist the hydrographer.

12. OTHER INTERIOR FEATURES

Roads 5 and 6 were combined and classified as road 5. Roads 4 and 7 are shown by their respective numbers.

With the exception of that area outlined as urban limits, only those buildings circled in red on the field photographs should be mapped. These include public, landmark and alongshore buildings.

Area limits of golf courses, cemeteries and U. S. Coast Guard stations are indicated. One grass landing strip is in evidence on Tuckernuck Island and is used quite frequently in the summer.

13. GEOGRAPHIC NAMES

Because of the few name conflicts and new names in this area no special report on Geographic Names is being made. Using as base sheets, T-8204 (planimetric, 2 sheets, USC&GS), harbor chart 343, offshore chart 1209, A.M.S. sheets 6966INE, 6966ISW, 6966ISE and 6966IVSE, a spot check was made on a great number of names.

The following names should be deleted:

TOWER on Muskeget Island, Sheet 6966 IV SE. This tower has been destroyed.

COSKATA C.G. STA., Sheet 6966 I NE; this station has been abandoned and the buildings destroyed.

The following new names should be added:

THE HAULOVER, 6966 I NE; this feature is well known to old-time residents of the island, and is recommended for charting.

DIONIS BEACH, Sheet 6966 I SW; a comparatively new feature and rapidly becoming a popular swimming resort.

CISCO, Sheet 6966 I SW; an old accepted name for a popular swimming area.

Name Conflicts: ALDER ROCK, ALTAR ROCK, Sheet 6966 I SE. Investigation of old maps and historic records show the spelling of this feature to be ALTAR ROCK. This spelling was confirmed by the local newspaper editor and several prominent citizens of Nantucket.

The following people, contacted in this investigation, is but a few of the many persons questioned:

Mr. Merwin Blount, Harbor Master
Mr. Erving Soverino, Chairman, Board of Selectmen
Judge Crolyn Levine, 60-year resident
Mr. Erving Bartlett, Fire Chief
Mr. Charles Layles, 50 years fisherman
Mr. George Lake, 60-year resident and fisherman
Mr. Robert Hardy, 50 years business man
Mr. Lester Bachman, Airport Manager

Official County and Town maps are submitted for street names.

14. SPECIAL REPORTS AND SUPPLEMENT DATA

No changes in the current Atlantic Coast Pilot and Supplement 5, dated March, 1955 is recommended by this field party. There are no other special reports for this project.

Submitted 3 August, 1955

Richard L. McGlinchy
Cart. Survey Aid

Approved and Forwarded

Emil H. Kirsch
Commander, U.S.C&GS
Chief of Party

COMPILATION REPORT
T-11221

31. DELINEATION:

The Kelsh plotter and stereoplanigraph were used for detailing. A small section of shoreline off Siasconset was detailed beyond the stereo model on the stereoplanigraph. This was the result of not being able to set Model 5053 and 5054 due to insufficient land area to clear the model. Adjoining and crossing flights did not cover this area.

Since much of the area is covered with swamps and scrub, swamp and drainage delineation is extremely difficult.

Public buildings in Siasconset were inadequately inspected and should be checked during field edit.

32. CONTROL:

Location of horizontal control and judicious placing of a few pass points made ~~it~~ bridging unnecessary on this sheet.

33. SUPPLEMENTAL DATA - not applicable.

34. CONTOURS AND DRAINAGE - not applicable.

35. SHORELINE AND ALONGSHORE DETAILS - The high and low water lines were clearly delineated in the field.

36. OFFSHORE DETAILS - not applicable.

37. LANDMARKS AND AIDS - see Form 567 attached to this report.

38. CONTROL FOR FUTURE SURVEYS:

Recoverable Topographic Stations-Tuck, 1955

39. JUNCTIONS:

T-11217 to the north
T-11220 to the east
T-11223 to the south

40. HORIZONTAL AND VERTICAL ACCURACY - not applicable

- 4 -

46. COMPARISON WITH EXISTING MAPS:

AMS V814 Sheet 6966 I SE
Siasconset, Mass.
1:25,000 1947

USC&GS T-8204
Nantucket and Vicinity
1:10,000 1949

47. COMPARISON WITH NAUTICAL CHARTS:

Nautical Chart No. 343
Nantucket Harbor
1:10,000 1953

Nautical Chart No. 1209
Nantucket Sound and Approaches
1:80,000 1943

Submitted by: C. E. Cook

C. E. Cook

Approved by: M. Keller

M. Keller

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SUPPLEMENTAL COMPILATION REPORT
T-11221

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

The approximate low-water line and the apparent edge of shallow areas were delineated by office interpretation on overlays from the 1:10,000, 1:15,000 and 1:60,000 scale color photographs. These details were then transferred to the manuscript by use of the vertical projector.

Piers, groins, rocks and other alongshore details were also delineated from the color transparencies. Rocks delineated on the manuscript during the original compilation were circled on the overlay for verification where they were not readily identifiable on the color photographs.

Respectfully submitted
11 July 1961

R. Glaser

R. Glaser
Carto. (Photo.)

Approved and forwarded

William E. Randall

William E. Randall
CDR, C&GS
Baltimore District Officer

Addendum:

Only those interior details needed for the compilation of Chart 265 have been added or revised from 1961 photography. *topography for Chart Drawing 265 and the revision of Chart Drawing 343 have been added or revised from 1961 photographs (PH-6102)*

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REVIEW REPORT
(PARTIAL REVIEW OF T-11221)

(1961)

61. General Statement

T-11221 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-11221 was revised in the Baltimore Office from 1961 color and infrared photography prior to application to the chart drawings. Details other than topographic information required for charts were not revised. T-11221 details applied to the chart drawings were field edited. A supplement 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 ~~256~~. Other field edit data is a part of PH-6102.

265 (T-12500)

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-8449 (1958) was compared with T-11221 in the Nantucket Harbor area covered by chart 343. Natural and cultural changes have occurred since 1958. There are no conflicts between soundings and planimetric survey shoreline. A difference in position exists for the offshore rock at Lat. 41°17.75' Long. 70°04'.

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 color and infrared photographs 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
S. G. Blankenbaker

FINAL REVIEW REPORT
ON ~~NEXT~~ PAGE 18

Review Report

T-11221A and T-11221B

T-11223A and T-11223B

61. General

Refer to the subject Descriptive Report "Summaries" concerning the registration of two maps each for surveys T-11221 and T-11223.

62. Comparison with Registered Topographic Surveys

Having been used for (1) shoreline for hydrographic surveys - maps T-11221A and T-11223A and (2) new nautical chart construction - maps T-11221B and 11223B, the maps were not compared with older topographic surveys at the time of review. Manuscripts T-11221B and T-11223B or chart compilation manuscript T-12500 should be used for future chart construction.

63. Comparison with Maps of Other Agencies

Siasconset, Mass. 1:24,000 1951

No significant difference were noticed.

64. Comparison with Contemporary Hydrographic Surveys

H-8449	Scale 1:10,000	Date 1958
H-8450	Scale 1:10,000	Date 1958

T-11221A, T-11223A and T-11217A provided the shoreline for H-8450 and H-8449. Portions of the shoreline shown on the planimetric surveys were revised by field methods during hydrography. The revised shoreline, shown on the hydrographic survey was not transferred to the planimetric survey.

Some rock information shown on planimetric survey T-11221A near the entrance of Polpis Harbor, was not carried forward to the Hydrographic survey. Due to their locations and elevations the rocks are of no great importance.

65. Comparison with Nautical Charts

265 scale 1:40,000 Date 1963

Topography for this chart was provided through T-11221B,

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T-11223B 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
S. G. Blankenbaker

Approved by:

Charles Shuman
Chief, Photogrammetry Division
RCL Branch

Chief, Nautical Chart Division

J. E. Waugh 1/26/65
Chief, Photogrammetry Division

GEOGRAPHIC NAMES

Survey No. T-11221

GEOGRAPHIC NAMES		Survey No. T-11221									
Name on Survey	On Chart No. On previous survey No. On U. S. quadrangle Maps From local information On local Maps P. O. Guide or Map Rand McNally Atlas U. S. Light List										
	A	B	C	D	E	F	G	H	K		
Nantucket Harbor							20			1	
Nantucket Sound							21			2	
Third Pt										3	
Second Pt										4	
Coatue Pt										5	
Monomoy										6	
Shimmo Creek										7	
Shimmo Pt										8	
Pimmys Pt										9	
Quaise Pt										10	
Polpis Harbor										11	
Quidnet										12	
Sasachacha Pond										13	
Sankaty Head Golf Club										14	
Siasconset										15	
Siasconset Golf Club										16	
Nantucket Memorial										17	
Airport										18	
Atlantic Ocean										19	
										20	
										21	
										22	
										23	
										24	
										25	
										26	
										27	
										M 234	

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS ORGANIZATIONS FOR CHARITY

TO BE CHARTED

STRIKE OUT ONE

Nantucket, Massachusetts 25 July, 1955

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

The positions given have been checked after listing by

E. H. Kirsch

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.

25 July 1955

The positions given have been checked after listing by

E. H. Kirsch

Chief of Party:

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