13003 13004
13005

13003 13004
13005

Diag. Cht. Nos. 1211-2 & 1212-2.

Form 504

U. S. DEPARTMENT OF COMMERCE

COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey Chart Compilation

Field No. Ph-6602 Office No. T-13003, T-13004 and T-13005

LOCALITY

State New York

General locality Block Island Sound

Locality Long Island - Block Island

1965-67

CHIEF OF PARTY

J.K.Wilson, Chief of Party
J.E.Waugh, Div. of Photo. Wash.,D.C.

LIBRARY & ARCHIVES

DATE December 1967

USCOMM-DC 5087

FORM C&GS-181a
(12-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

T-13003, 13004 and 13005

PROJECT NO. (II): PH-6602	
FIELD OFFICE (II): Norfolk, Virginia	CHIEF OF PARTY: J.K. Wilson
PHOTOGRAMMETRIC OFFICE (III): Washington, D.C.	OFFICER-IN-CHARGE: J.E. Waugh
INSTRUCTIONS DATED (II) (III): Field - Aug. 30, 1965 Aerotriangulation - Nov. 12, 1965 Office - Nov. 23, 1965 Memo - Supplemental Photography - March 31, 1966	
METHOD OF COMPILATION (III): B-8 stereoplotter	
MANUSCRIPT SCALE (III): T-13004 - 1:15,000 T-13003 & 13005 - 1:40,000	STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):
DATE RECEIVED IN WASHINGTON OFFICE (IV): December 1966	DATE REPORTED TO NAUTICAL CHART BRANCH (IV):
APPLIED TO CHART NO.	DATE: / DATE REGISTERED (IV):
GEOGRAPHIC DATUM (III): N.A. 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): Y = X =	STATE / ZONE

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.

(2)

FORM C&GS-181b
(3-66)

U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

T-13003, 13004 and 13005

FIELD ~~INSPECTION~~ EDIT BY (II): Edit R.E. Kesselring	DATE: * July-Oct 1966
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Tide controlled infrared photography	
PROJECTION AND GRIDS RULED BY (IV): A.E. Roundtree	DATE 1-14-66
PROJECTION AND GRIDS CHECKED BY (IV): I.Y. Fitzgearld	DATE 1-17-66
CONTROL PLOTTED BY (III): M. Webber	DATE 1-19-66
CONTROL CHECKED BY (III): J. Phillips	DATE 1-19-66
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): P. Hawkins	DATE Jan. 1966
STEREOSCOPIC INSTRUMENT COMPILATION (III): M. Webber, J. Phillips, R.A. Youngblood — PLANIMETRY: x	DATE Feb-April 1966
CONTOURS	DATE
MANUSCRIPT DELINEATED BY (III): J. Phillips - R.A. Youngblood	DATE April-May 1966
SCRIBING BY (III):	DATE
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): J.P. Battley	DATE Jan. 1967

REMARKS:

* Limited additional field edit accomplished Nov. 5, 1967, by R.S. Tibbets - Refer to page 19 of this report.

USCOMM-DC 36393B-P66

(3)

FORM C&GS-181c
(3-66)

U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

T-13003, 13004 and 13005

CAMERA (KIND OR SOURCE) (III):
(L) RC 8

PHOTOGRAPHS (III)

NUMBER	DATE	EST TIME	SCALE	STAGE OF TIDE
65 LC 6610-6621	2 Oct 1965	0921-0929	1:40,000	.3' above MLW
65 L 6697R-6699R	2 Oct 1965	1229-1230	1:40,000	.15' below MHW
65 L 6718R-6720R	2 Oct 1965	1257-1258	1:40,000	.7' below MHW
65 L 6722R-6730R	2 Oct 1965	1305-1310	1:40,000	.6' below MHW
66 LC 2895-2913	26 Apr 1966	1021-1035	1:30,000	.5' below MHW
65 L 6732R-6745R	2 Oct 1965	1324-1334	1:40,000	.3' below MHW

TIDE (III)

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: New London-Newport			
SUBORDINATE STATION: Threemile Hbr Ent, Gardiners Bay		2.4	2.9
SUBORDINATE STATION: Block Island (The Harbor)		2.9	3.6

WASHINGTON OFFICE REVIEW BY (IV): J.P. Battley, Jr. — DATE: Jan. 1967

PROOF EDIT BY (IV): — DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): — RECOVERED: — IDENTIFIED:

NUMBER OF BM(S) SEARCHED FOR (II): — RECOVERED: — IDENTIFIED

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):

REMARKS:

SUMMARY TO ACCOMPANY DESCRIPTIVE REPORT
T-13003, 13004 and 13005
PH-6602
NOVEMBER 1966

T-13003, 13004 and T-13005 are Chart Compilation Manuscripts, compiled to provide for the reconstruction of Charts 362 and 269. Gardiners Island and the east end of Long Island were compiled at 1:40,000 scale (the scale of Chart 362) and Block Island was compiled at 1:15,000 scale (the scale of Chart 269). The northern section of Chart 362 was revised by the Revision Survey Section.

Tide controlled infrared and color photography flown in October 1965 was used to compile the manuscripts. Four strips of infrared photography and one strip of color were bridged on the stereoplanigraph in January 1966. The majority of the project was compiled with the bridged infrared photographs. The color was used for foreshore and offshore rock delineation and to clarify planimetric features. On T-13004 (Chart 269), additional color photography was flown in April 1966. Due primarily to wave action the 1965 photography was inadequate to interpret foreshore rocks and foul areas. The 1:30,000 scale 1966 photography afforded a much improved interpretation of foreshore features. All compilation was achieved on the Wild B-8 stereoplotter.

Field work prior to compilation was limited to marking horizontal control stations and tide observations during photography.

Field edit was completed in October 1966. Corrections and/or additions were applied in the Washington Compilation Office during November - January 1966, 1967.

All features were compiled using the Separate Provisional Photogrammetry Instructions for compiling nautical chart topography.

The Chart Compilation Manuscripts were submitted to the Marine Chart Division. A copy of the manuscripts will be registered in the Bureau Archives.

Submitted by
J. P. Battley
J. P. Battley, Jr.
by Alan Fontaine

Photogrammetric Plot Report
Block Island Sound
Job PH-6602

21. Area Covered

This project encompasses the eastern end of Long Island, New York, Gardiners Island, New York, and Block Island, Rhode Island, The area is covered by T-sheets 13003, 13004 and 13005.

22. Method

Five strips were bridged on the stereoplanigraph and adjusted by IBM 1620 methods. Strips 1, 2 and 3 were tied together by common control and passpoints. Strips 4 and 5 were short strips covering Gardiners Island and Block Island. All strips were adjusted on plane coordinates and then converted to Mercator coordinates.

23. Adequacy of Control

Control was adequate and complied with project instructions. All stations held within National Map Accuracy Standards.

24. Supplemental Data

None

25. Photography

Photography was adequate as to coverage, overlap and definition.

Respectfully submitted

Paul Hawkins

Paul Hawkins

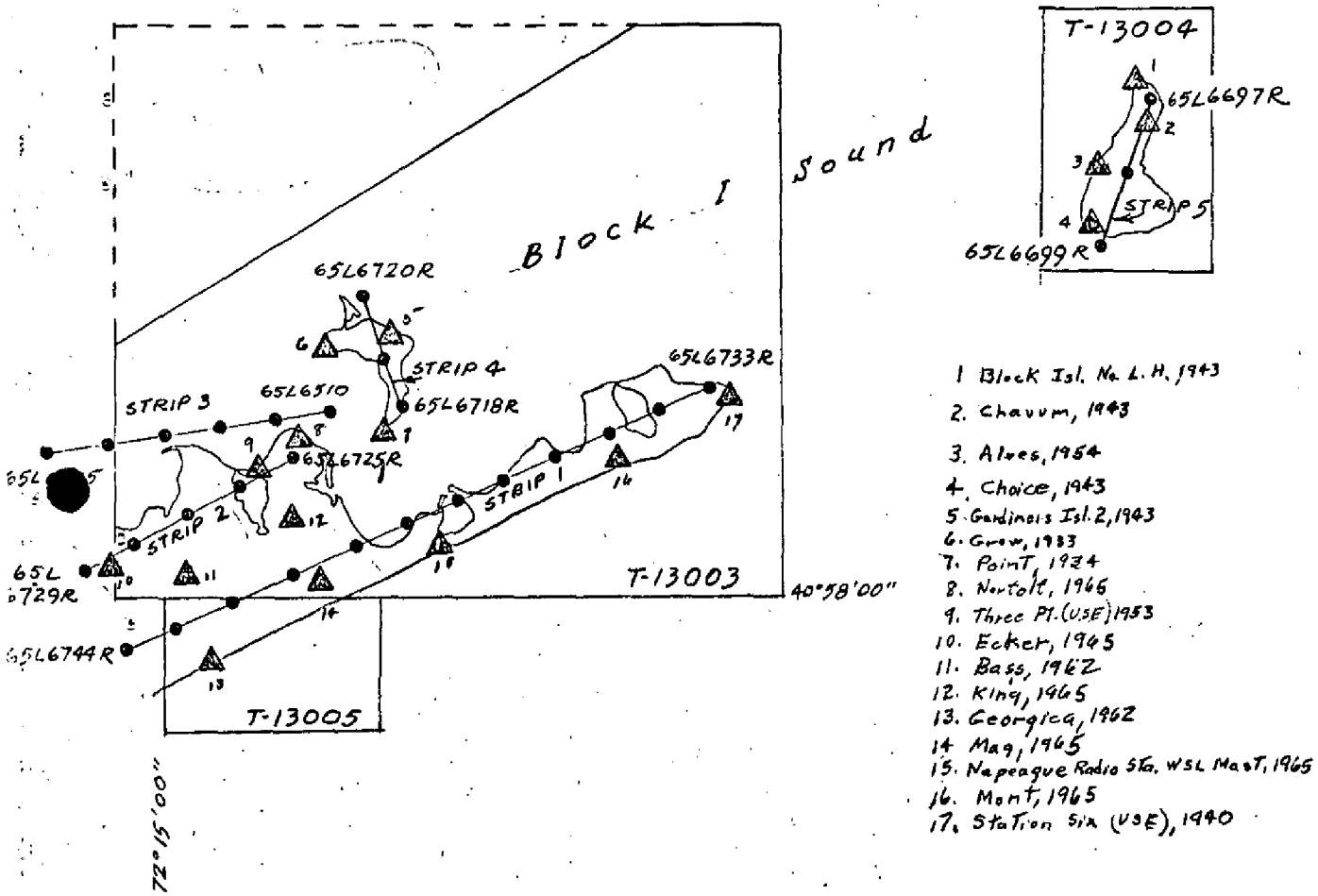
Approved by:

John D. Perrow, Jr.

John D. Perrow, Jr.

Notes to Compiler

A small area on the northern tip of Gardiners Island and the northern tip of Block Island must be compiled by graphic methods. This is due to lack of bridgeable coverage.



1 Block Isl. No. L.H. 1943
2. Chauvin, 1943
3. Alves, 1954
4. Choice, 1943
5. Gardiners Isl. 2, 1943
6. Grow, 1933
7. Point, 1934
8. Nortolt, 1966
9. Three Pt. (USE) 1953
10. Ecker, 1945
11. Bass, 1962
12. King, 1965
13. Georgica, 1962
14. Mag, 1965
15. Napeague Radio Sta. WSL Mast, 1965
16. Mont, 1965
17. Station Six (USE), 1940

Aerotriangulation Sketch

BLOCK ISLAND SOUND and APPROACHES

Ph-6602

COMPILATION REPORT
PH-6602
CHART COMPILATION MANUSCRIPT
T-13003 (Chart 362), T-13004
(Chart 269) and T-13005
FEB.-MAY 1966

31. Delineation

The manuscripts for this project were delineated on the B-8 stereoplotter using 1:40,000 scale color and infrared photography taken October 1965. T-13004 was supplemented with 1:30,000 scale color taken in April 1966. T-13003 and 13005 were compiled at a scale of 1:40,000. T-13004 was compiled at 1:15,000 scale. A small area on the northern tip of Gardiners Island and the northern tip of Block Island were compiled by graphic methods due to lack of bridgeable coverage. The color and infrared photography taken under tide controlled conditions, afforded an excellent interpretation of all features needed for nautical charts. Field inspection was limited to marking horizontal control and tide observations during photography.

32. Control

Control was adequate and complied with project instructions. The models were leveled on shoreline points.

33. Supplemental Data

None

34. Contours and Drainage

Inapplicable

35. Shoreline and Alongshore Details

The foreshore areas thruout this project abound with many rocks awash, bare or sunken. During compilation a careful comparison was made with all the photography available in an effort to attain a complete and accurate delineation of the many rocks. Due to wave action and sun reflections, rock delineation will require field edit verification and additions.

36. Offshore Details

No unusual problems were encountered in compiling the few offshore details within this project area.

37. Landmarks and Aids

Landmarks and aids were not field inspected prior to compilation. All landmarks and aids shown on the published charts were shown in accordance with Office Project Instructions, paragraph 5.

38. Control for Future Surveys

None

39. Junctions

Junction was made between T-13003 and 13005. T-13004 comprises the off lying Block Island in its entirety with no Junctioning surveys.

40. Horizontal and Vertical Accuracy

The three manuscripts discussed in this report comply with the National Standards of Accuracy.

41. - 45.

None

46. Comparison with Existing Maps

A Comparison was made with the following registered topographic manuscripts:

T-5074, Gardiners Island, 1:10,000, 1933
T-5076, Bridgehampton to East Hampton, 1:10,000, 1933
T-5077, East Hampton to Promised Land, 1:10,000, 1933
T-5078, Hicks Island to Montauk, 1:10,000, 1933
T-5079, Montauk Village to Montauk Pt, 1:10,000, 1933
T-5338, Sag Harbor, 1:10,000, 1933
T-1735, Block Island, 1:10,000, 1886
1:24,000 scale USGS Quadrangles of the area were also available for comparison. All were 1956 Editions.

47. Comparison with Nautical Charts

A comparison was made with Chart 269, 1st

Edition July 7, 1952, revised 9/7/64 and Chart 362 3rd Edition, July 27, 1964. Cartwright Island, just south of Gardiners Island on Chart 362 has eroded to approximately one half the size as shown on the published chart.

Approved by,
K. N. Maki

Submitted by,
R. A. Youngblood

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6602 ~~-6603~~

T-13003 (Long Island, N. Y. to Block Island, R. I.)

Acobonack Harbor
Alewife Pond
Amagansett
Barcelona Neck
Barcelona Point
Beach Hampton
Big Reed Pond
Block Island Sound
Bostwick Bay
Bostwick Creek
Bostwick Point
Cartwright Island
Cedar Point
Cherry Harbor
Cherry Hill Point
Cherry Hill Pond
Cherry Point
Crow Head
Culloden Point
Eastern Plain Point
False Point
Fireplace
Fort Pond
Fort Pond Bay
Fresh Pond
Fresh Pond
Gardiners Bay
Gardiners Island
Gardiners Point
Goff Point
Great Pond
Hands Creek
Hicks Island
Hither Hills
Hither Hills Beach
Hither Woods
Hog Creek
Hog Creek Point
Home Pond
Lake Montauk
Lionhead Rock
Little Northwest Creek
Long Island
Majors Harbor
Mashomack Point
Montauk
Montauk Harbor
Montauk Point
Napeague
Napeague Bay
Napeague Beach
Napeague Harbor
Nichols Point
Northwest Creek
Northwest Harbor
Oyster Pond
Ram Head
Ram Island
Rocky Point
Sag Harbor Bay
Sammys Beach
Sea Gull Island
Shagwung Point
Shelter Island
Star Island
Three Mile Harbor (harbor)
Three Mile Harbor (town)
Tobaccolot Bay
Tobaccolot Pond

Approved by:

A. Joseph Wraight
Chief Geographer

Prepared by:

Frank W. Pickett
Cartographic Technician

(12)

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6602 -- ~~6603~~

T-13004 (Long Island, N. Y. to Block Island, R. I.)

Balls Cove
Barlows Point
Black Rock
Black Rock Point
Block Island (island)
Block Island (town)
Block Island Sound
Block Island State Airport
Bluff Head
Charleston Beach
Clay Head
Clay Head Swamp
Continental Pond
Cormorant Cove
Cormorant Point
Corn Cove
Cow Cove
Crescent Beach
Deadman Cove
Dickens Point
Dories Cove
Fort Island
Franklin Swamp
Fresh Pond
Grace Cove
Grace Point
Great Point
Great Salt Pond
Great Swamp
Green Hill Cove
Grove Point
Harbor Neck
Harbor Pond
Indian Head Neck
Isaiahs Cliff
Isaiahs Gully
Jerrys Point
John E's Pond
Lewis Point
Lighthouse Cove
Little Sachem Pond
Logwood Cove
Middle Pond
Monich Hill
New Harbor
New Meadow Hill Swamp
New Shoreham Center
Old Harbor
Old Harbor Point
Payne Pond
Rodman Pond
Roil Harbor
Sachem Point
Sachem Pond
Sand Bank Cove
Sands Pond
Sandy Point
Schooner Point
Seneca Swamp
Siahs Swamp
Southeast Point
Southwest Point
Spar Point
Toms Point
Trim Pond
Wash Pond
Worden Pond

Approved by:

A. Joseph Wraight
Chief Geographer

Prepared by:

Frank W. Pickett
Cartographic Technician

(13)

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6602 - ~~6603~~

T-13005 (Long Island, N. Y. to Block Island, R. I.)

Amagansett Beach
Atlantic Ocean
East Hampton
East Hampton Beach
Georgicus Cove
Georgicus Pond
Hook Pond
Wainscott
Wainscott Beach
Wainscott Pond

Approved by:

A. Joseph Wraight

A. Joseph Wraight
Chief Geographer

Prepared by:

Frank W. Pickett

Frank W. Pickett
Cartographic Technician

FIELD EDIT REPORT
Job PH-6602
T-13303 & T-13005
Block Island Sound and
Gardiners Bay, New York

51. METHODS

Field edit was done in accordance with Photogrammetry Instructions No. 50 and pursuant to Instructions - Field Edit - Job PH-6602.

Shoreline, rocks and foul areas were edited by boat, truck and walking. Interior features, landmarks, roads, etc. were checked by truck.

Corrections and additions were inked on the photographs and on the discrepancy prints in purple. A legend describing the colored inks used was added to the discrepancy prints.

Rock areas were inspected at low water. Rocks extant but not mapped were indicated on the photographs, or located by sextant fix or theodolite cuts. In a few cases an angle and distance were used. The majority of the sextant fixes and theodolite cuts utilized landmarks and photo points. Three rocks were located by ground survey methods utilizing a three point fix and two offsets. Sextant fixes and theodolite cuts are contained in two sketchbooks (form 274) labeled VOL I & II. The theodolite cuts were abstracted on form 470 to facilitate plotting. A check angle was taken in all sextant fixes and the horizon closed where practical. At least three points were used in locating rocks with the theodolite. Photo points were pricked and labeled on the photos, indexed and described in Vol I of the sketch books, and reported on form 152.

All landmarks and aids to navigation were verified and reported on form 567. Three minor aids to navigation (1 daybeacon, 2 privately maintained lights) were located and reported on form 567. One of these, Three Mile Harbor Light, had been compiled. However, no photography was available to the field editor in this particulor area and as it is a small light atop a 5 inch iron piling it was relocated with a sextant fix.

Two additional landmarks were recommended. They were indicated on the photos, and reported on forms 152 and 567. Several buildings were recommended for mapping and a few small bluffs were added. Certain bluffs or parts of them were deleted.

The color transparencies furnished for the field edit, while they presented some special problems in adapting them for field use, were excellent. Shoreline and interior features were readily discernable on them. Alongshore features, specifically rocks, depend entirely on the characteristic of the bottom as to whether they are visible or not. A bottom composed of light sand or rock will permit the ready identification of a rock of almost any color, while a dark bottom makes the identification of any rock, even a white one difficult unless the rock is a particularly large one.

Field edit information was inked on the discrepancy prints of T-13303 and T-13005. The following photos contain field edit information pertaining to the above listed sheets: 65-L-6491, 6493, 6494, 6496 thru 6500, 6506, 6509, 6511 thru 6514, 6518, 6519, 6522 thru 6524.

52. ADEQUACY OF COMPILATION

Compilation, considering that no field inspection was done, was excellent. A few roads, especially those with merger intersections were not completely drafted and some roads were mapped which were power line cuts or gave other indications of being roads. Several roads were just not compiled. Two buoys were compiled as lights.

One harbor entrance and a few boat basins were compiled incorrectly or incompletely. A few dolphins were overlooked as were several small piers, two tidal creeks, several marsh areas and a few small ponds.

In two areas moored small craft were compiled as dolphins.

Rock compilation was very good. A few non-existant rocks were compiled and some were shown as awash when bare or vice versa. Some rocks were over looked, but these were, in no case, important ones.

Delineation of shoal areas was practically non-existant.

53. MAP ACCURACY

The map appears to be accurate, except for the items noted in the preceeding paragraphs, in all respects, no specific accuracy tests were requested or made.

54. RECOMMENDATIONS

None.

56. GEOGRAPHIC NAMES

No investigation of geographic names was made. This will be the subject of a special report, by Mr. Philip Walbolt, to be submitted at a later date.

Submitted by:
July 1, 1966

Richard E. Kesselring
Richard E. Kesselring
Surveying Technician

Approved and Forwarded

Joseph K. Wilson
Joseph K. Wilson
Chief, Photo Party 62

(16)

FIELD EDIT REPORT
BLOCK ISLAND, RHODE ISLAND
JOB PH-6602
MAP T-13304

51 METHODS

Field edit was performed pursuant to instructions dated in July, 1966 and in accordance with standard photogrammetry instructions pertaining to field edit. Corrections and additions were inked on the photographs and the discrepancy print in purple. Deletions were inked on the discrepancy print in green. Additions and corrections were referenced to the appropriate photographs. Inshore features were checked by truck. Alongshore and offshore features were edited by boat and walking. Unmapped rocks awash were indicated on the photographs by leaders or small circles. In some areas these may be unlabeled due to the profusion of rocks. All unlabeled leaders and circles are to be construed as rocks awash. Sunken and bare rocks were so labeled.

The field editor was not able to verify or disprove "a sunken rock reported" south of BLACK ROCK POINT. The area was visited on three seperate occasions at or near mean low water, twice with seas of four to five feet running, and no rock was visible. Local residents, who live on the point and who have seen the sea running much lower, report that they have never observed a rock breaking in the area indicated. There is a buoy to the southwest of the reported location.

All compiled landmarks and fixed aids to navigation were verified and reported on form 567. Six landmarks were recommended for charting on chart 269 and reported on form 567. Five of these are the front and rear ranges of a measured nautical mile. The rear marker of the south range has been destroyed. As far as could be ascertained, these markers are not maintained and do not appear to have been for several years. However, they are of sturdy construction and, if not deliberately removed, should remain in serviceable condition for many years. They are, accordingly, recommended for Chart 269. The remaining landmark recommended is a micro-wave disc on two poles which is very distinctive when approaching the Island from the north. It is recommended for chart 269 only. A rotating airport beacon and a radio direction finding station were also recommended for charting.

All landmarks and aids to navigation that had not been compiled were indicated on the photographs and reported on forms 152 and 567.

Field edit information was inked on the ozalid copy of T-13304 and on the following photographs: 1:40,000: 65L6613, 6614, 6619, 6620, 6621. 1:30,000: 66L2896 thru 2899, 2902 thru 2904, 2911 and 2912.

52. ADEQUACY OF COMPILATION

Compilation was generally adequate. In several areas many rocks awash were overlooked. In some instances these rocks had been charted previously. A few non-existant rocks were mapped and a number of rocks awash were delineated as bare rocks or vice-versa.

Bluff delineation was generally good, except in the Great Salt Pond where none of the bluffs delineated are suitable for charting. Some bluffs were recommended only for chart 269. A few other bluffs were either partially or completely deleted.

Interior features were adequately delineated. One small pond appears to be incorrect. Attention is called to the various "swamps" delineated on the sheet. These are comprised of a low brushy growth, about two feet high, growing in water. In many cases this growth may appear to be an islet or separate land area. This is in no case true, and the growth should probably be shown as grass in water or marsh.

Road delineation is adequate, but, perhaps, carried a little too far. Many of the roads mapped are private drives and are for access only to private homes. Several roads delineated are but the vaguest trails and are impassable except to four wheel drive vehicles. These various classifications were indicated on the discrepancy print.

Delineation of shoals was practically non-existant.

In as much as the sheet was compiled from pre-marked tide controlled photography, it is assumed that no field inspection was done prior to compilation, all in all, a very nice sheet.

53. MAP ACCURACY

The map appears to be accurate in all respects. No specific accuracy tests were requested or made.

54. RECOMMENDATIONS

No recommendations.

56. GEOGRAPHIC NAMES

The geographic names for this map were the subject of a special report prepared by Mr. Philip B. Walbolt and submitted by him in July of this year.

57. PHOTOGRAPHY

Photography consisted of 1965 1:40,000 scale and 1966 1:30,000 scale contact color transparencies. The photography was very good and permitted the identification of many rocks not readily discernible to the compilor. The fact that the photography was flown on two different dates and with greatly different sea conditions was most propitious. It permitted the identification of several rocks that it would have been necessary to locate by ground control methods, no small trick with a 16 foot skiff in Rhode Island Sound in the winter, had there only been the one set of photos.

approved and Forwarded
Joseph K. Wilson
Chief Photo Party 62
11/1/66

Richard E. Kesselring
Richard E. Kesselring
Surveying Technician

REVIEW REPORT
T-13003, 13004 and 13005
CHART COMPILATION MANUSCRIPTS
FEBRUARY 1967

61. General Statement

See summary in Preface

62. Comparison with Registered Topographic Surveys

A comparison was made with the topographic surveys listed in Item 46 of the Compilation Report. These surveys are superseded by the three new Chart Compilation Manuscripts for nautical charting. See Item 67 of this report for a discussion of Geographic Names.

63. Comparison with Maps of Other Agencies

Comparison was made with the following 1:24,000 scale USGS quadrangles:

Sag Harbor, N.Y., 1956
Napeague Beach, N.Y., 1956
East Hampton, N.Y., 1956
Gardiners Island West, N.Y., 1956
Gardiners Island East, N.Y., 1956
Orient, N.Y., Conn., 1956
Greenport, N.Y., 1956
Block Island, R.I., 1956

64. Comparison with Contemporary Hydrographic Surveys

There were no contemporary hydrographic surveys in the area. A comparison was made with prior hydrographic survey sheets:

H-3381, 1:10,000 scale, dated 1912
H-3562, 1:10,000 scale, dated 1913-15
H-4893, 1:10,000 scale, dated 1928
H-5514 thru 5516, 1:20,000 scale, dated May 1934
H-6828, 1:5,000 scale, dated May 1943

65. Comparison with Nautical Charts

Comparison was made with Chart 269, 1st Edition July 1952, revised 9/7/64 and Chart 362, 3rd Edition July 27, 1964. Discrepancies exist between the published charts and the three new surveys of this

project. The delineation of foreshore and offshore rocks, in horizontal and vertical datum do not agree. There are many more bare rocks shown on the published charts than exist. The photogrammetric interpretation of rocks, with the advantage of tide controlled infrared photography and two sets of color photographs, (one set flown April 1966, while * the water was calm), was considered very good. All discrepancies were noted on a Discrepancy Print prepared for each manuscript following compilation. These were investigated, along with newly compiled ** rocks, and a thorough field edit was achieved in July-October 1966. Therefore, the foreshore features and rocks as shown on the new surveys, should supersede the prior chart delineation. The Discrepancy Print, which also serves as a comparison print is included in this report.

66. Adequacy of Results and Future Surveys

The three surveys comply with project instructions in every respect, and meet the National Standards of Accuracy.

67. Geographic Names

The application of geographic names on the three manuscripts is incomplete. The geographic name report was submitted after completion of the project. All names shown on the manuscripts are verified. For a complete account of geographic names approved for the area, consult the Geographic Names Unit. A listing of approved geographic names is included in this report.

Approved by:

Charles Freeman
Chief, Photogrammetric Branch

Ralph Sobieralski
Chief, Photogrammetry Division 12-12-67

Reviewed by:

Peter P. Battley Jr.
Cartographer

John O. Boyer
Chief, Marine Charts Division

* this photography was flown for Block 1. only

** a question of accuracy arose with four field edited rocks on Block 1. - these were resolved by a special field edit Nov 5 1967 (see comparison print) (see note back of this page)

Form 567 (10-15-58)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

447

APR 3 1967

NONFLOATING AIDS ~~OR LANDMARKS~~ FOR CHARTS

TO BE CHARTED
~~TO BE REVISED~~
~~TO BE DELETED~~
STRIKE OUT TWO

Washington, D. C. January, 1967

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

The positions given have been checked after listing by K. N. Maki

NOTE: All photo locations were scaled from T-13003, Mercator projection, middle lat. 41° 07'.

V. R. Sobieralski
Chief of Party.

STATE New York — Copy of P3 furnished to Aero charts - C-421

	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° '	LATITUDE* " D.M. METERS	LONGITUDE* ° '	LONGITUDE* " D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
1		GARDINERS BAY, SHELTER ISLAND SOUND SOUTH CHANNEL, SAND SPIT LIGHT (Sand Spit Light 1933) Δ		41 00	55.099 1699.7	171.5 72 16	58.713 1371.9	N.A. 1927	TRI T-13003	Verified Oct. 1966		X		362 363 1212
2		GARDINERS Bay, SHELTER ISLAND SOUND SOUTH CHANNEL, SAG HARBOR LIGHT 3		41 01.0	8.3	72 16.1	82	"	Photo Plot T-13003	Sept. & Oct '66		X		363*
3		GARDINERS BAY, SHELTER ISLAND SOUND SOUTH CHANNEL, CEDAR ISLAND LIGHT		93.0 41 02.0	765.2	130.4 72 15.7	1043.8	"	"	"		X		363*
4		THREE MILE HARBOR EAST BREAKWATERLIGHT		41 02.1	146.0	72 11.3	418.5	"	"	"		X		"
5		THREE MILE HARBOR LIGHT		41 00.4	820.8	72 11.2	297.2	"	"	5/27/66		X		"
6		BLOCK ISLAND SOUND, SOUTH SIDE MONTAUK EAST JETTY LIGHT		41 04.8	1414.2	71 56.3	382.2	"	"	Sept & Oct 1966		X		362 1211
7		BLOCK ISLAND SOUND, SOUTH SIDE MONTAUK WEST JETTY LIGHT		41 04.7	1350.7	71 56.4	524.3	"	"	"		X		"
8		BLOCK ISLAND SOUND, SOUTH SIDE MONTAUK WEST SIDE DAY BEACON		41 04.6	1136.5	71 56.3	470.3	"	"	6/10/66		X		"
9		MONTAUK POINT LIGHT (Montauk Pt. Lighthouse 1882) Δ		41 04	15.113 466.2	71 51	27.291 637.1	"	TRI T-13003	Sept & Oct 1966		X		"
10		COECLES HARBOR ENTRANCE LIGHT (privately maintained)		41 04.2	352.5	72 16.9	1216.0	"	Photo Plot T-13003	6/3/66		x		362, 363* 1212

RETURN TO NOTICE CHART

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

* Lights re-positioned thru T-13003 10-4-67 HR

USCOMM-DC 27126

Form 567
(10-15-58)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

Sheet 2 of 3

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
~~TO BE REVISED~~
~~TO BE DELETED~~ } STRIKE OUT TWO

Washington, D. C. January 1967

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

The positions given have been checked after listing by K. N. Maki

V. R. Sobieralski
Chief of Party.

STATE Rhode Island

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	BLOCK ISLAND SOUTHEAST LIGHT (BLOCK ISLAND S.E. LIGHTHOUSE 1874)		41 09	09.564 295	71 33	08.505 198.3	N.A. 1927	TRI T-13304	Verified Oct 4 1966		X		271✓ 269✓, 1210✓ 1211
	BLOCK ISLAND NORTH LIGHT (BLOCK ISLAND NORTH LIGHTHOUSE 1874)		41 13	39.081 1205.6	71 34	34.864 812.0	"	"	"		X		1210✓ " 269✓ 271
	BLOCK ISLAND BREAKWATER OUTER BASIN LIGHT (OUTER RED LIGHT 1912)		41 10	30.600 944.0	71 33	22.088 514.9	"	"	"		X		1210✓ " 269✓ 271
	GREAT SALT POND BREAKWATER OUTER END LIGHT (Great Salt Pond Breakwater Outer Light 1941)		41 11	57.115 1761.9	71 35	37.231 867.5	"	"	"		X		" 269✓ 271
	GREAT SALT POND BREAKWATER INNER END LIGHT (Great Salt Pond Breakwater Inner Light, 1941)		41 11	44.874 1384.3	71 35	25.578 596.0	"	"	"		X		" 269✓ 271

✓ Positions for Lt. 269 prev. recorded in Fixed position File for Lt. 271 5-16-67 HR

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.

USCOMM-DC 27126

* TABULATE SECONDS AND METERS

APR 3 1967

Form 567
(10-15-66)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

Sheet 3 of 3

447

APR 3 1967

NONFLOATING AIDS ~~OR LANDMARKS~~ FOR CHARTS

TO BE CHARTED
~~TO BE REVISED~~
~~TO BE DELETED~~
STRIKE OUT TWO

Block Island, Rhode Island October 11, 1967

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

The positions given have been checked after listing by Richard E. Kesselring

NOTE: Position scaled from T-13004, Mercator projection, scale, 1:15,000, middle lat. 41° 12'.

Joseph K. Wilson
Chief of Party.

STATE Rhode Island

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° '	LATITUDE* " D.M. METERS	LONGITUDE* ° '	LONGITUDE* " D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	BLOCK ISLAND AERO LIGHT, 22' (122') rotating airport beacon on building.		41 10	281.6	71 34	1124.9	N.A. 1927	Photo Plot T-13004 66L2890	Verified Oct 4 1966		X		271 269 1210, 1211

CHARTS
269 - Appd 4-17-67 HR
362
363 - Appd 10-5-67 HR
1211
1212 - app [illegible]
1210 partly applied
271

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.

USCOMM-DC 27126

* TABULATE SECONDS AND METERS

R

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

Sheet 1 of 7

~~NONFLOATING AIDS~~ OR LANDMARKS FOR CHARTS

TO BE CHARTED
~~TO BE REVISED~~
~~TO BE DELETED~~
} STRIKE OUT TWO

Washington, D. C. January 1967

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

The positions given have been checked after listing by K. N. Maki 8404

V. R. Sobieralski
Chief of Party.

Copy of pages 1-3, 5-7 furnished to Aero Chart. C-421

STATE New York

	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION Verifie	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
1	TANK	Steel, skeleton steel structure ht.=94 (142) ft.		40 57	18.808 580.189	72 12	29.007 678.445	N.A. 1927	TRI 13005	6/9/66		X		363 ✓ 1212 ✓
		(East Hampton Water Tank, 1932)												
2	FLAG STAFF	Flagstaff, white, in village green ht.=139 (159) ft. (East		40 57	26.52 815.584	72 11	30.09 703.775	"	"	"		X		" off 363 1212
		Hampton, Village Flagstaff, 1933)			102.261		87.97							
3	SPIRE	Spire, white atop white church ht.=116 (140) ft.		40 57.6	36.585	72 ~~57.6~~ 11.3	18.867	"	"	"		X		" off 363
		(East Hampton Presbyterian Church Spire, 1965)												
4	TANK	Steel, concrete appearance, solid base, ht.=139 (199)		40 58.3	14.199	72 10.1	08.379	"	TRI T-13003 ?	6/3/66		X		362 1211
		ft. (East Hampton Water Tank, 1965)												
5	TANK	Steel, skeleton steel structure, ht.=114 (159) ft.		40 58	44.35 1,362.109	72 08	22.20 517.103	"	"	5/27/66		X		✓ 1212
		(Amagansett, Water Tank, 1962)			171.01		64.88							
6	TWIN TANKS	Steel, skeleton steel structure ht.=85 (156), 100												
		(156) Amagansett, Broadview Estate S. Water Tank 1962		41.00	13.472 415.584	72 07	22.784 532.308	"	"	6/2/66		X		1212
		Broadview Estate N. Water Tank (1962)		41 00	14.458 446.00		21.812 509.79							1212
7	STACK	Brick, ht.=75 (82) ft. (Electric Light Plant Chimney, 1911)		40 59	28.422	72 05	40.156	"	"	"		X		

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* TABULATE SECONDS AND METERS

USCOMM-DC 27126

APR 3 1967
RETURN TO NAUTICAL CHART BRANCH

Form 567
(10-15-58)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

APR 3 1967

~~NONFLOATING AIDS~~ OR LANDMARKS FOR CHARTS

TO BE CHARTED
~~TO BE REVISED~~
~~TO BE DELETED~~ } STRIKE OUT TWO

Washington, D. C. January 1967

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

The positions given have been checked after listing by K. N. Maki

V. R. Sobieralski
Chief of Party. 62

STATE Rhode Island

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
HOUSE	White house with green roof (lone house, 1939) 22' (153')		41 12	49.56 / 1528.9	71 33	35.70 / 831.7	N.A. 1927	Triang. T-13304	Verified Oct. 5 1966		X		271 269, 1210 1211
CHURCH SPIRE	Steeple on which. with blue roof (Baptist Church Steeple 1911) 42', (172')		41 10	04.806 / 148.3	71 36	06.309 / 147.1	"	Triang. T-13304	"		X		" 269 271
STONE TOWER	Greystone tower on highest hill (Block Island Ecc. 1932) 24' (235')		41 10	31.430 / 969.6	71 35	30.904 / 720.4	"	"	"		X		" 269 271
CHIMNEY	~~Red brick chimney on red house with black roof~~ (Chim. 1912) 34' (64')	*	~~41 09~~	~~21.62 / 667.0~~	~~71 36~~	~~40.91 / 953.9~~	"	"	"		X		~~" 269~~
CUPOLA	Cup. on white, house on bluff (Barlow's house Cupola, 1911) 44' (154')		41 08	56.59 / 1745.7	71 34	44.45 / 1036.5	"	"	"		X		" 1210 New 269
CUPOLA	Cup. in middle of lg. wh. hotel with red roof (Spring-house Cupola, 1911) 64' (184')		41 10	04.369 / 134.8	71 33	19.326 / 450.5	"	"	"		X		" 1210 269
CHIMNEY	BLOCK ISLAND LIFE SAVING STA. CHIMNEY, 1911		41 09	48.84 / 1506.7	71-36	38.27 / 892.2	"	TRIANG.	"				269
	* NOT RECOMMENDED AS A LANDMARK BY FIELD EDITOR												
	(PHOTOGRAMMETRY DIVISION) — FIELD ~~EDIT~~ 1966						SEB						

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

USCOMM-DC 27128

Form 567
(10-15-58)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

APR 3 1967

~~NONFLOATING AIDS~~ OR LANDMARKS FOR CHARTS

TO BE CHARTED
~~TO BE REVISED~~
~~TO BE DELETED~~ } STRIKE OUT TWO

Washington, D. C. January 1967

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

The positions given have been checked after listing by K. N. Maki

NOTE: All photo locations were scaled from T-13003, Mercator projection, scale 1:40,000, middle lat. = 41° 07'.

V. R. Sobieralski
Chief of Party.

STATE NEW YORK

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION Verified	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
RADIO TOWER	Red & White, skeleton steel, ht.=300' (310)' (Napeague,	W. MAST	40 59	50.210	72 03	20.414	N.A. 1927	TRI T-13003	6/6/66		X		362 1211
	Radio Station WSL, W. Mast 1962)(WSL E. Mast, 1962)	E. MAST	40 59	53.913	72 03	08.216							
RADIO TOWER	Red & White, skeleton steel, Ht.=300' (310')		40 59.9	1654.9	72 03.1	190.3	"	Pho. Plot T-13003	6/6/66		X		"
2 RADIO TOWERS	Red & White, skeleton steel, ht.=120'(295') (Hither Hills,	N.W. TOWER	41 01	55.117	71 58	33.029	"	TRI T-13003	6/10/66		X		"
	FAA, N.W. Radio Tower, 1962) S.E. Radio Tower, 1962	S.E. TOWER	41 01	54.627	71 58	31.499							
TALL BLDG	Chimney on tall white brick bldg. ht.=111' (126') (Montauk,		41 02	08.437	71 56	43.483	"	"	6/6/66		X		"
	tall Building Chimney, 1943)												
CUPOLA	Green, turret ht.=75' (215') (Montawk Manor, finial on		41 02	53.835	71 56	59.232	"	"	"		X		"
	highest Tower, 1932)												
DUTCH WINDMILL	Brown, no vanes ht.=40' (70')		41 02.1	572.9	71 55.1	340.4	"	Pho. Plot T-13003	"		X		"
RADAR ANTENNA	Revolving, atop concrete bldg., ht.=165'(265') (Montauk Pt.,		41 03	43.47	71 52	27.29	"	TRI T-13003	"		X		"
	Radar Screen, 1962)												
TOWER	Octagonal, white lt hse top, ht.=67' (73')		41 04.1	266.0	71 55.0	1340.9	N.A. 1927	Pho. Plot T-13003	"		X		"
CUPOLA	Red atop red roofed bldg. ht.=51' (56')		41 04.1	638.7	71 56.1	156.3 156.3	"	"	"		X		"

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* TABULATE SECONDS AND METERS

USCOMM-DC 27126

Form 567
(10-15-5

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

APR 23 1967

~~NONFLOATING~~ AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
~~TO BE REVISED~~
~~TO BE DELETED~~
STRIKE OUT TWO

Washington, D. C. January 1967

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

The positions given have been checked after listing by K. N. Maki

NOTE: Positons were scaled from T-13004, Mercator projection, scale 1:15,000, middle lat. 41° 12'

V. R. Sobieralski
Chief of Party.

STATE RHODE ISLAND

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE * ° ′	LATITUDE * ″ D.M. METERS	LONGITUDE * ° ′	LONGITUDE * ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
(See L-65/54) 1 MARKER	North, rear target, measured mile 25' (35')		41 11	1360.8	71 35	692.1	N.A. 1927	Photo Plot T-13004	Oct 4 1966		X		269 Revised
(See L-65/54) 2 MARKER	North, front target, measured mile 15' (23')		41 11	1393.0	71 35	749.6	"	"	"		X		" ok
3 MARKER	Middle, rear target, ½ measured mile 25' (60')		41 11	381.9	71 35	853	"	"	Oct 4 1966		X		" Not Char
4 MARKER	Middle, front target, ½ measured mile 15' (35')		41 11	489.2	71 35	1024.9	"	"	Oct 5 1966		X		" not charted
5 MARKER	South, front target, measured mile 15' (35')		41 10	1732.2	71 36	429.6	"	"	"		X		" Revised
	NOTE: All markers are open-slat diamond shaped targets on piles.												

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* TABULATE SECONDS AND METERS

USCOMM-DC 27126

Form 567
(10-15-58)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

448

APR 3 1967

~~NONFLOATING AIDS~~ OR LANDMARKS FOR CHARTS

TO BE CHARTED
~~TO BE REVISED~~
~~TO BE DELETED~~
} STRIKE OUT TWO

Washington, D. C. January, 1967

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

The positions given have been checked after listing by Richard E. Kesselring

NOTE: Postions were scaled from T-13004, mercator projection, scale 1:15,000, middle lat. 41° 12'

V. R. Sobieralski
Chief of Party.

STATE RHODE ISLAND

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° '	LATITUDE* " D.M. METERS	LONGITUDE* ° '	LONGITUDE* " D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
MICROWAVE TOWER	Microwave disc on two poles 66' (166')		41 10	634.0	71 33	1206.1	N.A. 1927	Photo plot T-13004	Verified Oct. 10 1966		X		269 1210 added
Micro	Tower added to Cht. 271	Fixed Position file				5-16-67							

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* TABULATE SECONDS AND METERS

USCOMM-DC 27126

Form 567
(10-15-58)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

448

APR 3 1967

~~NONFLOATING AIDS~~ OR LANDMARKS FOR CHARTS

TO BE CHARTED
~~TO BE REVISED~~
~~TO BE DELETED~~
STRIKE OUT TWO

Washington, D. C. January, 1967

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

The positions given have been checked after listing by Richard E. Kesselring

NOTE: Positions were scaled from T-13004, mercator projection, scale 1:15,000, middle lat. 41° 12'

V. R. Sobieralski
Chief of Party.

STATE RHODE ISLAND

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	Block Island S.E. Light-Radio beacon-Distance	N. TWR	41 09	9.472 292.2	71 33	6.274 146.3			Verified Oct 4 1966		X		269, 1210 1211
	Finding Station	S. TWR	41 09	"	71 33	"	N.A. 1927	Photo Plot T-13004					
see Gp's pg 129 White Light Rebuilt 1931	Block Island Breakwater Light		41 10	38.121 ~~269.8~~ 1176.0	71 33	16.345 ~~165.1~~ ~~382.5~~ 381.0	"	"	"		X		" 269 1210 Deposition

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

USCOMM-DC-37125

Form 567
(10-15-58)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

~~NONFLOATING AIDS~~ OR LANDMARKS FOR CHARTS

TO BE CHARTED
~~TO BE REVISED~~
~~TO BE DELETED~~
} STRIKE OUT TWO

Washington, D. C. January, 1967

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

The positions given have been checked after listing by K. N. Maki

NOTE: All photo locations were scaled from T-13003, mercator projection, 1:40,000, middle lat. 41° 07'

V. R. Sobieralski
Chief of Party.

STATE NEW YORK

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION Verified	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
ABANDONED LIGHT HOUSE	Cylindrical, brick, atop brick bldg. ht.=45' (47') (Cedar Island Light House, 1933)		41 02	26.449	72 15	41.233	N.A. 1927	TRI T-13303	6/3/66		X		362 363 1211
TOWER	Red & white, skeleton steel cablevision ht.=350' (431')		40 59.6	1151.8	72 10.3	430.7	"	Photo Plot. T-13003	5/27/66	X			12"/2
DUTCH WINDMILL	White, ht.= 31' (62')		41 05.4	880.4	72 06.1	922.3	"	"	6/21/66	X			"
RUINS	Abandoned fort on Gardiner's Pt.		41 08.9	926.0	72 08.8	1103.4	"	"	"		X		"/2/2

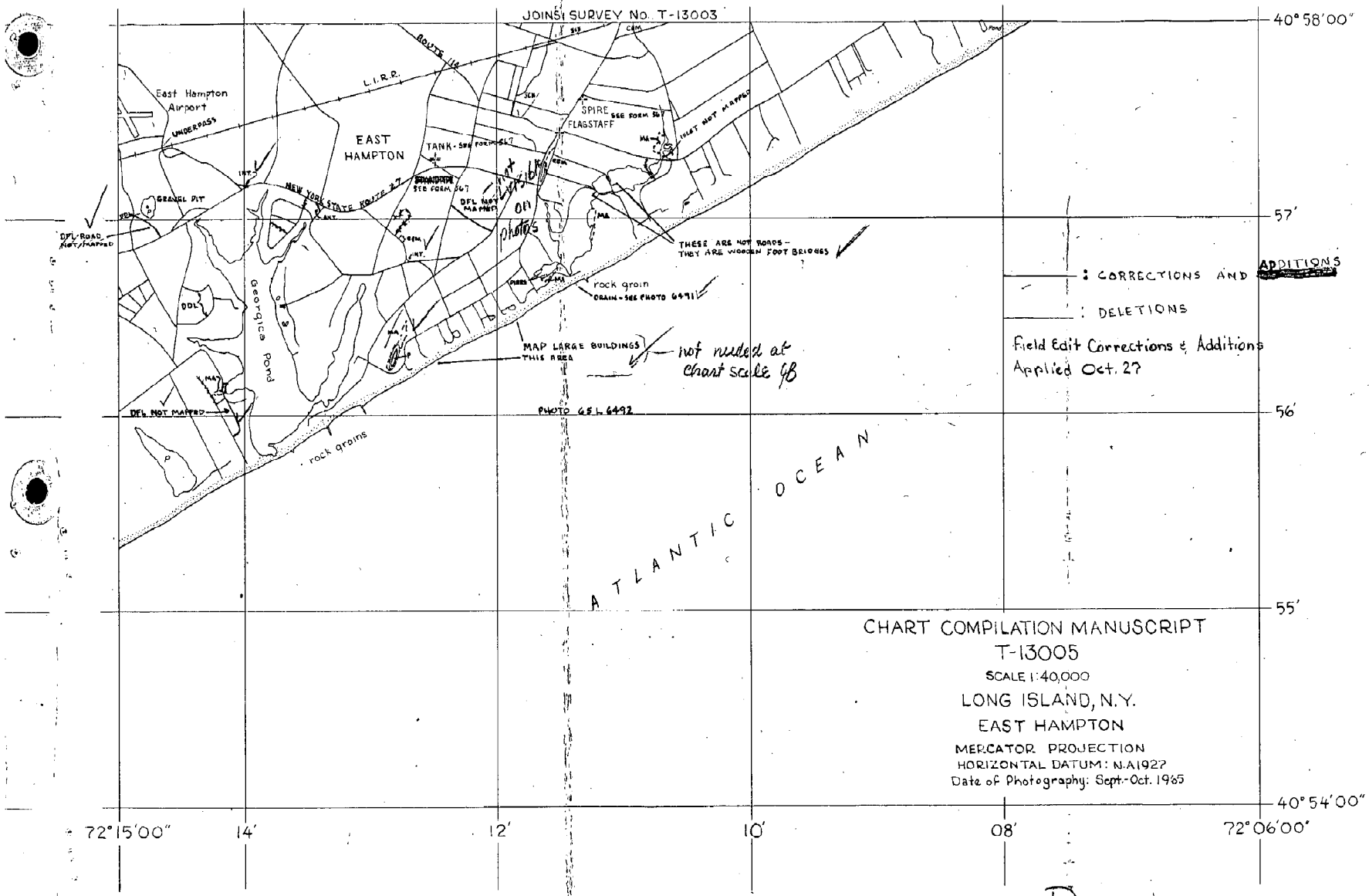
Charts
362
363 - No corr 14-4-67 HC
269 - App. 14-21-67 HC
271
1210
1211
1212 partly affected
1212 affected

✓ positions for cht. 269 prev. recorded in Fixed Position File for cht. 271 5-16-67 HC

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.

USCOMM-DC 27126

* TABULATE SECONDS AND METERS



* DISCREPANCY PRINT
(Field Edit Copy)

* This original also serves as a Comparison Print

FORM C&GS-8352
(3-25-63)

NAUTICAL CHART DIVISION

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T-13003

INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.
1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

CHART	DATE	CARTOGRAPHER	REMARKS
1211	5/9/69	A J Sunday	~~Full~~ Part ~~Before~~ After Verification Review Inspection Signed Via
			Drawing No.
271	9/14/70	Oscar Chapman	Full ~~Part~~ ~~Before~~ After Verification Review Inspection Signed Via
			Drawing No.
362	3-1-73	W. Chandler	Full ~~Part Before~~ After Verification Review Inspection Signed Via
			Drawing No.
1211	3-27-73	W. Chandler	Full ~~Part Before~~ After Verification Review Inspection Signed Via
			Drawing No.
1212	6-18-73	D L Pallilore	Full [redacted] After Verification Review Inspection Signed Via
			Drawing No.
13209(362)	10-26-79	J. T. Carrington	Full ~~Part~~ Before After Verification Review Inspection Signed Via
			Drawing No. 23
			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.

FORM C&GS-8352 SUPERSEDES ALL EDITIONS OF FORM C&GS-975

USCOMM-DC 8568-P63

FORM C&GS-8352
(3-25-63)

NAUTICAL CHART DIVISION

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T-13004

INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.
1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

CHART	DATE	CARTOGRAPHER	REMARKS
269	5-9-67	H.R.	~~Full~~ Part ~~Before~~ After Verification Review Inspection Signed Via
			Drawing No. See below
271	1-24-69	O.C.	~~Full~~ Part ~~Before~~ After Verification Review Inspection Signed Via
			Drawing No. 8 CHT-269
1210	4/17/69	H. Quimby	Full ~~Part~~ Before After Verification Review Inspection Signed Via
			Drawing No. 50 Examined, considered fully
			applied for this scale.
1211	5/9/69	A J Lundby	~~Full~~ Part ~~Before~~ After Verification Review Inspection Signed Via
			Drawing No.
269	6-13-72	J. S. Strait	Full ~~Part Before~~ After Verification Review Inspection Signed Via
	9-20-72	Joe Schmich	Drawing No. #11
271	2-28-73	Robert O'Hedley	Full ~~Part Before~~ After Verification Review Inspection Signed Via
			Drawing No. 6 APPLIED THRO CHT 269 DRWG #11
1211	3-27-73	W. Chadler	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.

For the present and immediate future issues of chart 269, the rocks on the T-sheet are considered to supplement those rocks presently charted. In general the charted rocks were retained, and additional rocks were added from the T-sheet H.R. & REE 5-9-67

FORM C&GS 8352
(3-25-63)

NAUTICAL CHART DIVISION

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T-13005

INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.
1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

CHART	DATE	CARTOGRAPHER	REMARKS
1211	5/9/69	A J Sunday	Full ~~Part~~ ~~Before~~ After Verification Review Inspection Signed Via
			Drawing No.
			Full ~~Part~~ ~~Before~~ After Verification Review Inspection Signed Via
			Drawing No.
363	3-1-73	W. Ch[illegible]	Full ~~Part Before~~ After Verification Review Inspection Signed Via
			Drawing No.
1211	3-27-73	W. Ch[illegible]	Full ~~Part Before~~ After Verification Review Inspection Signed Via
			Drawing No.
1212	6-18-73	DL Pothier	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.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.

FORM C&GS-8352 SUPERSEDES ALL EDITIONS OF FORM C&GS-978

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