13003 13004

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

LOCALITY

State New York

General locality Block Island Sound

Locality Long Island - Block Island

19 65-67

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

U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

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_	1-13003 ,	13004 and 13005	
PROJECT NO. (II):	 -		
рн-6602			
FIELD OFFICE (II):		CHIEF OF PARTY	
Norfolk, Virginia		J.K. Wilson	
PHOTOGRAMMETRIC OFFICE (III):		OFFICER-IN-CHARGE	. ,
Washington, D.C.	\	J.E. Waugh	
NSTRUCTIONS DATED (II) (III):			
Field - Aug. 30, 1965 Aerotriangulation - Nov. Office - Nov. 23, 1965 Memo - Supplemental Phot		., 1966	
METHOD OF COMPILATION (III):			
B-8 stereoplotter			
MANUSCRIPT SCALE (III): -13004 - 1:15,000 T-13003 & 13005 - 1:40,0	·	OPIC PLOTTING INSTRUMENT	SCALE (III):
DATE RECEIVED IN WASHINGTON OFFICE (IV)		ORTED TO NAUTICAL CHART	BRANCH (IV):
Desember 1966		•	
APPLIED TO CHART NO.	DATE:	DATE RE	GISTERED (IV):
GEOGRAPHIC DATUM (III):		VERTICAL DATUM (III):	
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		Elevations shown as (25) refers the time, mean low water or mean !	to sounding datum
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LAT.: LONG	3.:	UNADJUSTED	ZONE

T-13003, 13004 and 13005

FIELD THE Edit

R.E. Kesselring

MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION):

DATE:

July-Oct 1966

Tide controlled infrared photography

PROJECTION AND GRIDS RULED BY (IV):		DATE
A.E. Roundtree		1-14-66
PROJECTION AND GRIDS CHECKED BY (IV):		DATE
I.Y. Fitzgearld		1-17-66
CONTROL PLOTTED BY (III):		DATE
M. Webber		1-19-66
CONTROL CHECKED BY (III):		
		DATE
O. Phillips		1-19-66
RADIAL PLOT OR STEREOSCOPIC CONTROL EXT	ENSION BY (III):	DATE
P. Hawkins		Jan. 1966
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY	DATE
M. Webber	x	Feb-April 1966
J. Phillips R.A. Youngblood	CONTOURS	
near Toung brood	CONTOURS	DATE
MANUSCRIPT DELINEATED BY (III):		
J. Phillips - R.A. Youngbl	ood	Annil No- 1066
		April-May 1966
SCRIBING BY (III):		DATE
PHOTOGRAMMETRIC OFFICE REVIEW BY (III):		DATE
J.P. Battley		Jan. 1967
REMARKS:		

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

FORM C&G5-181c

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

DESCRIPTIVE REPORT - DATA RECORD

T-13003, 13004 and 13005

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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.

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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. color was used for foreshore and offshore rock delineation and to clarify planimetric features. 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 manu-Submitted by

A. Battley

J. P. Battley, Jr.

Sy Manfantah scripts will be registered in the Bureau Archives.

(5)

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

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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

Approved by:

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.

T-13004 65L6697R sound Block 65L6720R 1 Block Ist. No. L. H. 1943 2. Chavum, 1943 3. Alres, 1954 4. Choice, 1943 5 Gardiners Isl. 2,1943 7. Point, 1924 8. Nortalt, 1946 T-13003 40°58'00" .729R 9. Three Pt. (U.S.E.) 1953 10. Ecker, 1945 6546744 R Bass, 1962 King, 1965 Georgica, 1962 Mag, 1965 T-13005 15. Na peague Radio STa. WSL Mast, 1965 16. Mont, 1965 17. Station SIA (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

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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 bridge-able 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

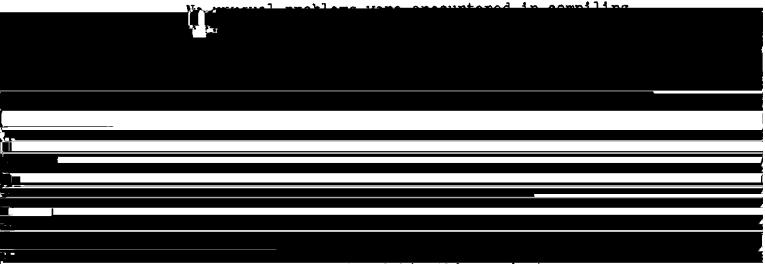
34. Contours and Drainage

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



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 Tsland to Montauk, 1:10,000, 1933 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,

Submitted by, R.A. Young blook
R. A. Young blood

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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 CherryyHill 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

Approved by:

A. Woseph Wraight
Chief Geographer

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

Prepared by

Frank W. Pickett

Cartographic Technician

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6602 -- 6603 6

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

Prepared by:

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:

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Wright A. Joseph Wraight

Chief Geographer

Prepared by:

Frank W. Pickett Cartographic Technician

FIELD EDIT REPORT

Job PH-6602

T-13 03 & 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 particular 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. Along shore 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

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.

RECOLMENDATIONS

None.

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.

Approved and Forwarded

Joseph K. Wilson Chief, Photo Party 62

Submitted by: July 1, 1966

Richard E. Kesselring Surveying Technician

Richard & Cesselvina

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 love 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 rodio 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

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The map appears to be accurate in all respects. No specific accuragy 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.

eppromed and Formandel Joseph K. Wilson Chay photo Porty 6 - Richard E. Kesselring
Surveying Technician

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

61. General Statement

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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

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-Therefore, the foreshore features and October 1966. 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:

Chief, Photogrammetric 403

Branch

Chief, Photogrammetry

Division /2-/2-67

Reviewed by:

Cartographer

0000

Chief, Marine Charts

Division

* this photography was flown for Block I. only ** a question of accuracy arose with four field edited rocks on Block I. - These were Norther to a special field edit to

resolved by a special field edit Nov 5 1967 (See comparison print)/see note back of

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gation, 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 USCOMMEDC 27126 This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to naviof the area and not by individual field survey sheets. Information under each column heading should be given.

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m o}$ INSHORE CHART × × × January LOCATION
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ĸ Mercator 07 Maki projection, scale 1:40,000, middle lat. The positions given have been checked after listing by TE; All photo locations were scaled from charted on (Actesed Naview) the charts indicated.

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•	projection, scale 1:40,000, n	middle]	lat. = 41°	07.					Chlej	Chief of Party.
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ļ			LATTUDE*	LONGI	LONGITUDE #		LOCATION		IFE CH	CHARTS
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CUPOLA	Red atop ht.=51'	42 C4	4. 2 638.7	7 562	56.3	Ξ	±	=	>	=

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating sids to naviof the area and not by individual field survey sheets. Information under each column heading should be given.

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Richard E. Kesselring 74, mercator projection, 12" The positions given have been checked after listing by TE: Positions were scaled from T-13004 scale 1:15,000, middle lat.

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

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

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This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charred 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.

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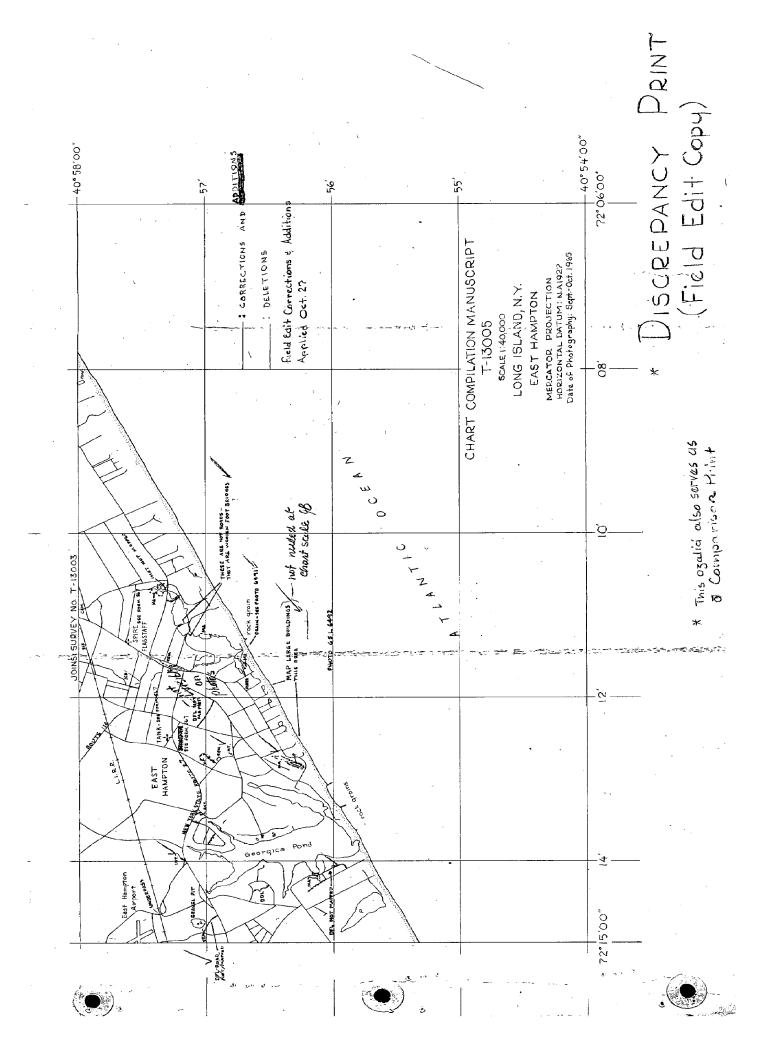
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RECORD OF APPLICATION TO CHARTS

T-13003 FILE WITH DESCRIPTIVE REPORT OF SURVEY NO.

INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.
-1. Letter all information.

In "Remarks" column cross out words that do not apply.
 Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

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FORM CAGS-8352 SUPERSEDES ALL EDITIONS OF FORM CAGS-975.

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RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO.

INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.

In "Remarks" column cross out words that do not apply.
 Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

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	0 / 0/		Drawing No. See below
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27.1	2-28-73	Robert O Healey	Full Record After Verification Review Inspection Signed Via Drawing No. 6 APOUED THRO CHT 269 Dev6#11
211	3-27-7}	w. Challe	Full Post Before After Verification Review Inspection Signed Via Drawing No.
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RECORD OF APPLICATION YO CHARTS FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T-13005 INSTRUCTIONS A basis hydrographic or topographic survey supertedes all information of like nature on the uncorrected chart. 1. Letter all information. 2. In "Remarks" column cross out words that do not apply. Given soans for deviations, if any, from recommendations and cuncer "Comparison with Charts" in the Review. REMARKS CHART OATE CARTOGRAPHER After Verification Review Inspection Signed Via Drawing No. Full Best Height After Verification Review Inspection Signed Via Drawing No. Full Drawing No.	A basic h 1. Letter 2. In ''Re 3. Give re	all informa marks'' col asons for de	FILE WITH DES For topographic survey tion. umn cross out words the eviations, if any, from the	INSTRUCTIONS supersedes all information of like nature on the uncorrected chart. at do not apply. secommendations made under "Comparison with Charts" in the Review.
INSTRUCTIONS A basic hydrographic or top graphic 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 CARTOGRAPHER Drawing No. Full Part Wester After Verification Review Inspection Signed Via Drawing No. Full Part Note: After Verification Review Inspection Signed Via Drawing No. The Part Note: After Verification Review Inspection Signed Via Drawing No.	1. Letter 2. In 'Re 3. Give re	all informa marks'' col asons for de	FILE WITH DES For topographic survey tion. umn cross out words the eviations, if any, from the	INSTRUCTIONS supersedes all information of like nature on the uncorrected chart. at do not apply. secommendations made under "Comparison with Charts" in the Review.
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