

12397

12397

FORM C&GS-504	
U.S. DEPARTMENT OF COMMERCE ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey <u>Shoreline (Photogrammetric)</u>	
Field No.	Office No. <u>T-12397</u>
LOCALITY	
State <u>New York</u>	
General locality <u>Long Island Sound</u>	
Locality <u>North Shore Beach</u>	
<u>1965 - 1968</u>	
CHIEF OF PARTY	
Allen L. Powell, Director, AMC	
LIBRARY & ARCHIVES	
DATE	

DESCRIPTIVE REPORT - DATA RECORD

T-12397

PROJECT NO. (II): Job PH-6603		
FIELD OFFICE (III): Riverhead (L.I.), N. Y.		CHIEF OF PARTY Joseph K. Wilson
PHOTOGRAMMETRIC OFFICE (III): Atlantic Marine Center		OFFICER-IN-CHARGE Allen L. Powell Director, AMC
INSTRUCTIONS DATED (II) (III): Field Jan 24, 1966 Supplement I Field Mar 1966/6314 Office May 27, 1966 Aerotriangulation Office Sept 15, 1966 Compilation		
METHOD OF COMPILATION (III): Kelsh		
MANUSCRIPT SCALE (III): 1:20,000	STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III): 1:8,000 pantographed to 1:20,000	
DATE RECEIVED IN WASHINGTON OFFICE (IV):		DATE REPORTED TO NAUTICAL CHART BRANCH (IV):
APPLIED TO CHART NO.	DATE:	DATE REGISTERED (IV):
GEOGRAPHIC DATUM (III): N.A. 1927		VERTICAL DATUM (III): MHW MEAN LOW WATER 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 of MEAN LOW WATER
REFERENCE STATION (III): WOODHULL 2 1883		
LAT.: 40° 57' 20.251" (624.7m)	LONG.: 72° 53' 32.375" (765.6m)	<input checked="" type="checkbox"/> ADJUSTED <input type="checkbox"/> UNADJUSTED
PLANE COORDINATES (IV): X =		STATE New York
		ZONE Long Island
ROMAN NUMERALS INDICATE WHETHER THE ITEM IS TO BE ENTERED BY (II) FIELD PARTY, (III) PHOTOGRAMMETRIC OFFICE, OR (IV) WASHINGTON OFFICE. WHEN ENTERING NAMES OF PERSONNEL ON THIS RECORD GIVE THE SURNAME AND INITIALS, NOT INITIALS ONLY.		

DESCRIPTIVE REPORT - DATA RECORD

FIELD INSPECTION BY (III): Matthew A. Stewart Erwest W. Hartford		DATE: June-July 1966
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Air Photo Compilation Date of photography 2 October 1965 and 26 April 1966		
PROJECTION AND GRIDS RULED BY (IV): A. E. Roundtree		DATE Oct. 24, 1966
PROJECTION AND GRIDS CHECKED BY (IV): L. F. VanScoy		DATE Oct. 25, 1966
CONTROL PLOTTED BY (III): L. L. Graves		DATE Oct. 31, 1966
CONTROL CHECKED BY (III): R. J. Pate		DATE Oct. 31, 1966
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): P. Hawkins		DATE Aug. 30, 1966
STEREOSCOPIC INSTRUMENT COMPILATION (III): Kelsh	PLANIMETRY W. Davis Reviewed by: L. O. Neterer	DATE June 29, 1967 June 29, 1967
	CONTOURS Inapplicable	DATE
MANUSCRIPT DELINEATED BY (III): L. L. Graves		DATE July 14, 1967
SCRIBING BY (III): J. Hinton		DATE July 11, 1969
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): Compilation: L. L. Graves Field Edit: L. L. Graves Scribing and Stick-up: B. Barge		DATE July 14, 1967 Dec. 11, 1968 July 12, 1969
REMARKS: Field Edit by: Robert S. Tibbetts Date: November, 1968		

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

Wild RC-8 "L"

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
65L6758R through 65L6760R	Oct 2, 1965	1632 <i>E.S.T.</i>	1:40,000	✓ 5.3 above MLW
66L2866 through 66L2868	Apr. 26, 1966	0846 <i>E.S.T.</i>	1:40,000	✓ 0.2 above MLW

TIDE (III) *Predicted*

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: BRIDGEPORT		6.8	8.0
SUBORDINATE STATION: HEROD POINT		5.9	7.0
SUBORDINATE STATION:			

WASHINGTON OFFICE REVIEW BY (IV): *Leo F. Beugnet, AMC*

DATE:
February, 1971

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): *2*

RECOVERED:
2

IDENTIFIED:
1

NUMBER OF BM(S) SEARCHED FOR (II): *NONE*

RECOVERED:

IDENTIFIED

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III): *NONE*

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III): *NONE*

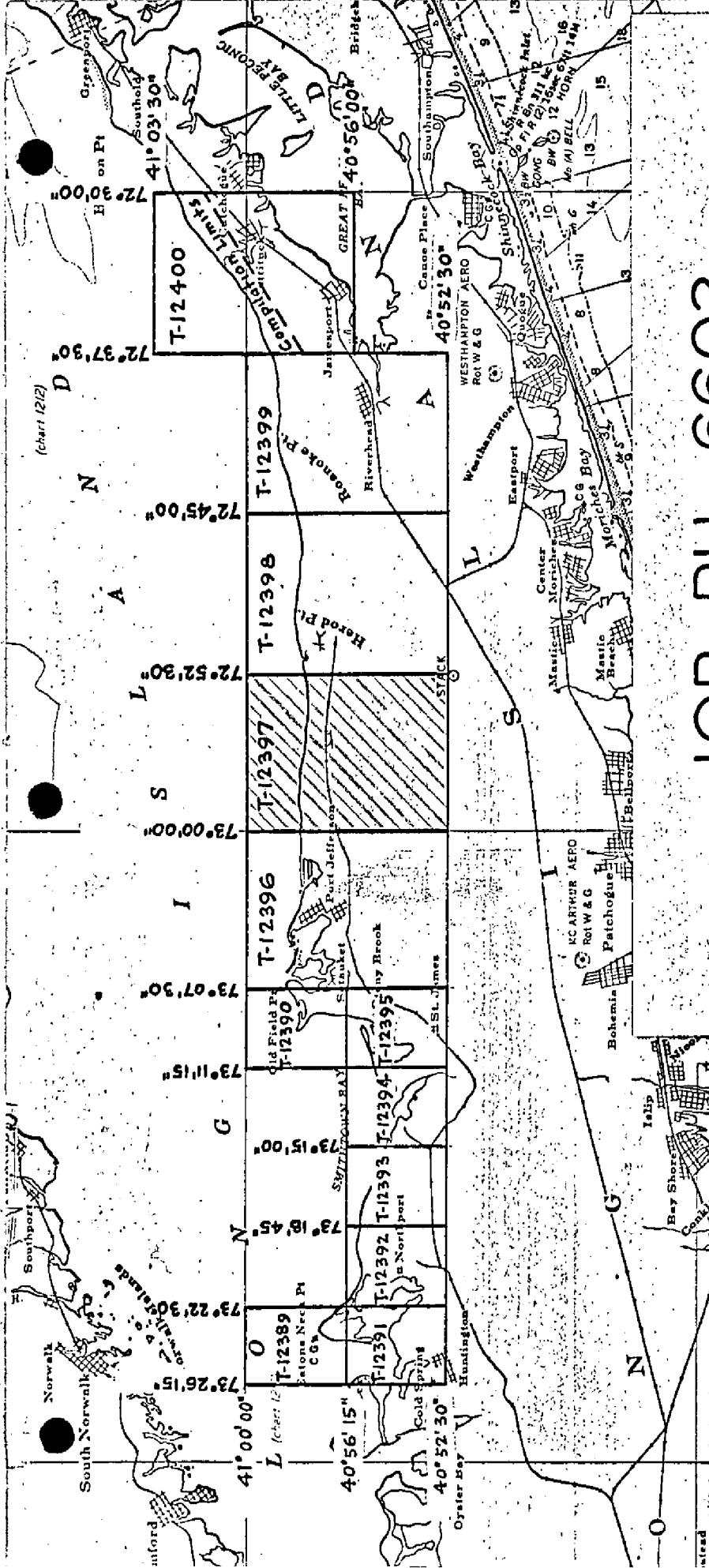
REMARKS:

COMPILATION RECORD

COMPILATION DATE

REMARKS

Alongshore area for hydro	July 1967	Superseded
Field edit applied compilation complete	Dec. 1968	



JOB PH - 6603

SHORELINE MAPPING

NORTH SHORE, LONG ISLAND N.Y.
Eatons Neck to Mattituck Inlet

SCALE 1:10,000 & 1:20,000

Sheet No.	Sq. M1.
T-12389	2
T-12390	2
T-12391	2
T-12392	4
T-12393	2
T-12394	2
T-12395	2
T-12396	5
T-12397	3
T-12398	4
T-12399	4
T-12400	5
Total	41

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-12397

Shoreline survey T-12397 is one of five similar 1:20,000 scale surveys in job PH-6603. The entire job is comprised of five 1:20,000 scale and seven 1:10,000 scale surveys. These surveys cover that part of the north shore of Long Island from Eatons Neck to Mattituck Inlet. See page 5 for the area covered by this survey.

Field work preceded compilation. This consisted of shoreline and field inspection, identification of horizontal control, location of fixed aids to navigation and selection of landmarks for charts.

Compilation was at 1:20,000 scale by Kelsh Plotter methods using the infrared photography of October 2, 1965. Cronaflex copies of the manuscript along with specially prepared photographs and ozalids were furnished for transfer of the shoreline to the boat sheet, location of photo-hydro signals and field edit use.

The compilation manuscript was a vinylite sheet $7\frac{1}{2}$ minutes in latitude by $7\frac{1}{2}$ minutes in longitude. After application of field edit data the survey was scribed and reproduced on cronaflex. Final review was in the Atlantic Marine Center in February 1971. A cronaflex positive and a negative of the final reviewed survey are forwarded for record and registry.

FIELD INSPECTION REPORT
JOB PH-6603
MAPS T-12396 Thru T-12400

This report covers the easterly five maps of Job PH-6603. Since the terrain, methods of surveying, and features are common throughout the area, no special treatment of information or data pertaining to individual maps are needed except as noted herein.

2. AREAL FIELD INSPECTION

This area lies along the north shore of Long Island, New York from Old Field Point east to Duck Pond Point. The field work was accomplished during the months of July and August.

Field Inspection was completed in accordance with instructions for shoreline mapping, therefore the entire maps were not field inspected. The inspection was done on several types of photographs. The 1966 color photographs were much clearer than the ones taken in 1965. Some inland field inspection was done on the infrared high water photographs but generally they were poor for this purpose.

The area consists of sand beaches, bluffs, cultivated fields, wooded hills with very little marsh and no swamps. Most of the shoreline is accessible by truck.

Photographs used for field inspection are listed below by maps:

T-12396

65-L-6548 - Ratio Prints 1:10,000 Scale
65-L-6530 - " " " "
65-L-6528 - " " " "
65-L-6755R- 2 X Ratio Matte Prints (high water photographs)
66-L-2865 - Color transparencies
66-L-2864 - " "
66-L-2863 - " "
66-L-2862 - " "

T-12397

65-L-6759R - 2 X Ratio Matte Prints (high water photographs)
66-L-2866 - Color transparencies
66-L-2867(2) " "
66-L-2868 " "

T-12398

65-L-6761R - 2 X Ratio Matte Prints (high water photographs)
65-L-6763R - 2 X Ratio Matte Prints (high water photographs)
66-L-2868 - Color transparencies
66-L-2869 - Color transparencies
66-L-2870 - Color transparencies
66-L-2871 - Color transparencies

T-12399

65-L-6765R - 2 X Ratio Matte Prints (high water photographs)
 66-L-2856R - Ratio Matte Prints
 66-L-2873 - Color transparencies
 66-L-2874 - Color transparencies
 66-L-2875 - Color transparencies
 66-L-2886 - Color transparencies

T-12400

66-L-2847R - Ratio Matte Photographs
 66-L-2848R - " " "
 66-L-2850R - " " "
 66-L-2852R - " " "
 66-L-2853R - " " "
 66-L-2854R - " " "
 66-L-2876 - Color transparencies
 66-L-2889 - " "
 66-L-2890 - " "

3. HORIZONTAL CONTROL

Horizontal Control recovery and identification has been completed in accordance with project instructions.

No new control was established.

Only one horizontal control station was reported destroyed within the five maps, namely, OLD FIELD POINT LIGHT (NEW) 1939. It is located in map T-12396.

4. VERTICAL CONTROL

All tidal bench marks in the area were searched for and reported on form 685A.

Identification of the marks on the photograph was in accordance with the topographic manual.

5. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage is composed mostly of a few tidal streams. Normal drainage is run off into recharge basins distributed throughout the area. Recharge basins are used to maintain and replenish the level and source of the underground water table. These basins are indicated on the photographs as borrow pits.

6. WOODLAND COVER

Classified in accordance with the topographic manual.

7. SHORELINE AND ALONGSHORE FEATURES

No inspection was made of the mean high and low water lines as these are to be compiled from tide controlled infrared and color photography.

The foreshore ~~shore~~, generally consists of sand and gravel with a liberal sprinkling of rocks and boulders in the bluff areas. Many of these rocks cover and uncover at various stages of the tide. A number of these were called to the compilers attention but no particular effort was made to indicate all of them.

Bluffs were indicated on the color photographs in black ink. The compiler will note that in certain instances bluffs are recommended for chart 361 only. All other bluffs are to be shown on chart 1212, 361 and 363 where applicable.

Docks, piers, wharves, boat ramps etc have been shown on the photographs.

Only one submerged pipeline crossing was encountered. It is approximately 2 miles east of Roanoke Point and is marked on the color photographs.

There are no other shoreline features that warrant mention.

8. OFFSHORE FEATURES

Except for a wreck, which is indicated on the color photographs, and a few sand bars in the various harbors, the only offshore features encountered were rocks. Rock areas were carefully inspected at both high and low water and individual rocks were marked on the color photographs. Attention was given to all rocks, but a particular effort was made to locate rocks at the extreme outside of rocky areas. One out-lying rock was located by sextant fix with check angle. In a few areas where there were numerous sunken rocks the area was indicated by a dashed line. Hatch Rock, between Port Jefferson Harbor and Mt. Sinai Harbor, was searched for on two separate occasions without success. However, on both occasions the field inspector had a plus tide. This rock should definitely be searched for by the field editor, as it is a named feature on the charts of the area. Rocks marked on the photographs are awash unless otherwise indicated.

9. LANDMARKS AND AIDS

All landmarks for nautical charts were visited and reported on form 567. Two new landmarks were recommended and one was deleted. Particular attention is called to the several landmarks that were recommended for deletion from chart 1212 but are to be retained on charts 361 and 363. Two chart letters are enclosed with the report, one for deletion of a landmark building and another one indicating a landmark feature which is misleading. This is the "tanks" between Roanoke Point and Jacobs Hills. The number indicating the contour surrounding the tanks has been placed adjacent to "tanks" making it appear as "170 tanks". It is recommended that the number either be moved further from the name, placed outside the contour or below the name.

Fixed aids to navigation were located on the infrared photographs and

reported on form 567. Floating aids to navigation were not a subject of the investigation.

10. BOUNDARIES, MONUMENTS AND LINES

In accordance with project instructions.

11. OTHER CONTROL

None established.

12. OTHER INTERIOR FEATURES

Classified according to current instructions.

13. GEOGRAPHIC NAMES

A complete investigation of geographic names was made by Mr. Philip B. Walbolt for all of Job PH-6603 and part of Job PH-6602.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Field Inspection Data to Norfolk, transmittal letter dated 6/23/66, reference # 40.

Horizontal Control Identification Data to Rockville, transmittal letter dated 7/8/66, reference # 62-1 and transmittal letter dated 6/24/66, reference # 42.

Geographic Names Investigation Report to Rockville, transmittal letter dated 8/1/66, reference # 62-3.

Submitted:

August 15 August 1966

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

11

PHOTOGRAMMETRIC PLOT REPORT
Job PH-6603
North Shore Long Island, New York

August 30, 1966

21. Area Covered

The area covered in this report extends from Eatons Neck to Mattituck Inlet, along the North Shore of Long Island, New York. Included in this area are T-sheets 12390 thru 12400.

22. Method

Five strips of photography (A thru E) were bridged on the stereo-planigraph and adjusted by IBM 1620 methods. Strip "A" was adjusted on six control stations, with three control stations as checks. Strip "B" was adjusted on five control stations. Strip "C" was adjusted on four stations with two stations as checks. Strip "D" was adjusted on seven stations with three stations as checks. Strip "E" was adjusted on two stations with three stations as checks. All points were drilled by PUG methods. Tie points between strips were averaged.

23. Adequacy of Control

Horizontal control was adequate and complied with project instructions. All control held within National Map Accuracy Standards with the following exceptions:

- (1) OLD FIELD PT. LT. (new) 1939, held in Strip "C" but could not be seen clearly in Strip "D" and as a result could not be held in Strip "D".
- (2) INDIANA 1933, SS "A" and SS "B" could not be held in either Strips "D" or "E" due to poor images and deep shadows which resulted in the inability of the stereoplanigraph operator to identify the substations with any degree of accuracy.

24. Supplemental Data

Local USGS quads were used for vertical control during bridging adjustment. Vertical elevations obtained by the bridge should not be used to obtain exact vertical datum.

25. Photography

Photography was adequate as to coverage and overlap. Definition and quality of diapositives were not up to usual standards in that they were very dark. However, all photography was usable.

Submitted by:

Paul Hawkins
Paul Hawkins *by JDP*

Approved by:

John D. Perrow Jr.
John D. Perrow, Jr.

MAP T. 12397

PROJECT NO. PH-6603

SCALE OF MAP
1:20,000

SCALE FACTOR NONE

[illegible]

1 FT. = .3048006 METER
COMPUTED BY: A.

Rauck, Jr.

DATE Sept. 30, 1966

CHECKED BY: _____

L. O. Neterer, Jr.

DATE Oct. 5, 1966

COMM-DC-57843

13

COMPILATION REPORT
T-12397

31. DELINEATION

The kesh plotter was used to delineate the planimetry from photographs taken at near mean high water. Offshore detail was compiled by graphic method with photographs taken at near mean low water.

Field inspection and photography was adequate.

32. CONTROL

See photogrammetric plot report.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage was compiled from office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS

Rocks and the low water line were delineated by office interpretation of the photographs.

36. OFFSHORE DETAILS

No Statement.

37. LANDMARKS AND AIDS

Form 567 for one landmark was submitted to the Washington Office, July 7, 1969.

38. CONTROL FOR FUTURE SURVEYS

None

39. JUNCTIONS

Junctions were made with T-12398 to the east and T-12396 to the west. There is no contemporary survey to the north or to the south.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with USGS Quadrangle, Middle Island, N. Y., scale 1:24,000 dated 1956.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with C&GS Chart 1212, Scale 1:80,000, dated March 7, 1966, 10th Edition.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted:

L. L. Graves

L. L. Graves
Cartographic Technician

Approved and Forwarded

Allen L. Powell

Allen L. Powell
Director, Atlantic Marine Center

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6603 (New York)

T-12397

Hallock Landing

Long Island

Long Island Sound

Miller Place

New York

North Shore Beach

Rocky Point

Rocky Point Landing

Scotts Beach

Shoreham

Shoreham Beach

Sound Beach

Woodhull Landing

Old Sow

Approved:

A. J. Wright
A. Joseph Wright
Chief Geographer

Prepared by:

Frank W. Pickett
Frank W. Pickett
Cartographic Technician

49. NOTES FOR THE HYDROGRAPHER

Many rocks appear on USC&GS Chart 1212 that could not be located on the photographs. They should be located and their heights given if their existence can be determined. Locate TWO PIGS (The two submerged rocks).

FORM C&GS-1002 (9-66)		U.S. DEPARTMENT OF COMMERCE ESSA COAST AND GEODETIC SURVEY	
PHOTOGRAMMETRIC OFFICE REVIEW <i>T. 12397</i>			
1. PROJECTION AND GRIDS	2. TITLE	3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE
LLG	LLG	LLG	LLG
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations)		7. PHOTO HYDRO STATIONS
LLG	LLG		XX
8. BENCH MARKS	9. PLOTTING OF SEXTANT FIXES	10. PHOTOGRAMMETRIC PLOT REPORT	11. DETAIL POINTS
XX	XX	Bridge (W.O.)	Kelsh
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE	13. LOW-WATER LINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
LLG	LLG	LLG	XX
16. AIDS TO NAVIGATION	17. LANDMARKS	18. OTHER ALONGSHORE PHYSICAL FEATURES	19. OTHER ALONGSHORE CULTURAL FEATURES
XX	LLG	LLG	LLG
PHYSICAL FEATURES			
20. WATER FEATURES		21. NATURAL GROUND COVER	22. PLANETABLE CONTOURS
LLG		LLG	XX
23. STEREOSCOPIC INSTRUMENT CONTOURS	24. CONTOURS IN GENERAL	25. SPOT ELEVATIONS	26. OTHER PHYSICAL FEATURES
XX	XX	XX	LLG
CULTURAL FEATURES			
27. ROADS	28. BUILDINGS	29. RAILROADS	30. OTHER CULTURAL FEATURES
LLG	XX	XX	LLG
BOUNDARIES			
31. BOUNDARY LINES		32. PUBLIC LAND LINES	
XX		XX	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES		34. JUNCTIONS	35. LEGIBILITY OF THE MANUSCRIPT
LLG		LLG	LLG
36. DISCREPANCY OVERLAY	37. DESCRIPTIVE REPORT	38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS
LLG	LLG	LLG	LLG
40. REVIEWER		SUPERVISOR, REVIEW SECTION OR UNIT	
<i>L. L. Graves</i> L. L. Graves July 14 1967		<i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.	
41. REMARKS (See attached sheet)			
FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT			
42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.			
COMPILER		SUPERVISOR	
A. L. Shands Dec. 12, 1968 Rev. by: L. L. Graves Dec. 12, 1968		<i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.	
43. REMARKS			
Field Edit applied from: Field edit ozalid and Field Edit cronaflex			

FIELD EDIT REPORT
JOB PH-6603
MAPS T-12396 thru T-12398

51. The mean high waterline along the sound was verified by visual inspection from a small boat. Requests for correction, additions and deletion are indicated on the Field Edit Sheet with reference to the photograph by number or cronaflex on which the information is shown.

Streets and roads were traveled to verify existence and classification.

No new landmark buildings were noted during Field Edit.

Landmarks and aids to navigation were visually verified as to existence. No new landmarks or aids were noted.

52. ADEQUACY OF COMPILATION:

After application of field edit correction, additions and deletions, compilation will be adequate.

53. MAP ACCURACY:

No test were specified, however, hydro-signals for the most part were located by a traverse along the beach, and whenever possible traverse stations were put over passpoints, these all checked well, the greatest error was approximately three tenths millimeter.

54. RECOMMENDATIONS:

None offered.

55. EXAMINATION OF PROOF COPY:

Not required.

Submitted 11/22/68

A handwritten signature in dark ink, appearing to read "Robert S. Tibbetts". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Robert S. Tibbetts
Surveying Technician

REVIEW REPORT T-12397

SHORELINE

FEBRUARY 2, 1971

61. GENERAL STATEMENT:

See Summary, which is page 6 of the Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Comparison was made with copies of registered topographic surveys Nos. 1726 and 1727, both 1:10,000 scale surveys made in 1885. Many of the rocks shown on these two surveys were not visible on the photographs. These and the difference in the shoreline of the surveys have been noted on the comparison print in blue.

The passage of time has made the prior registered surveys obsolete. They are superseded by T-12397 for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

Comparison was made with U.S.G.S. MIDDLE ISLAND, N.Y. 7.5 minute quadrangle, 1:24,000 scale, dated 1956. The two surveys are in good general agreement with the exception of the rocks. Many of the rocks shown on the U.S.G.S. survey are not visible on the photographs. These have been indicated on the comparison print in purple.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

There were no contemporary hydrographic surveys available for comparison purposes at the time of final review.

65. COMPARISON WITH NAUTICAL CHARTS:

A visual comparison was made with Chart 1212, 13th edition, dated January 31, 1970, corrected thru N.M. 5-70. The following are noted:

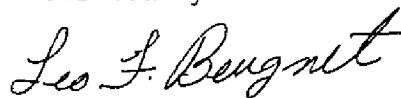
The two rocks, Two Pigs, near latitude 40°58.3' longitude 72°57.1' are not visible on the photographs.

A submerged wreck, latitude 40°58.9' longitude 72°53.3' is not discernible on the photographs.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

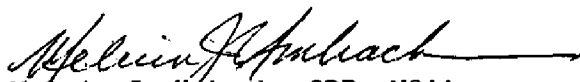
This survey complies with instructions and meets the National Standards of Map Accuracy.

Reviewed by:



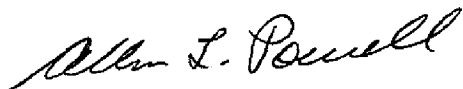
Leo F. Beugnet
Cartographer

Approved for forwarding:



Melvin J. Umbach, CDR, NOAA
Chief, Photogrammetry Division, AMC

Approved:

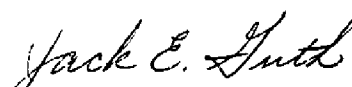


Allen L. Powell, RADM, NOAA
Director, Atlantic Marine Center

Approved:



Chief, Photogrammetric Branch



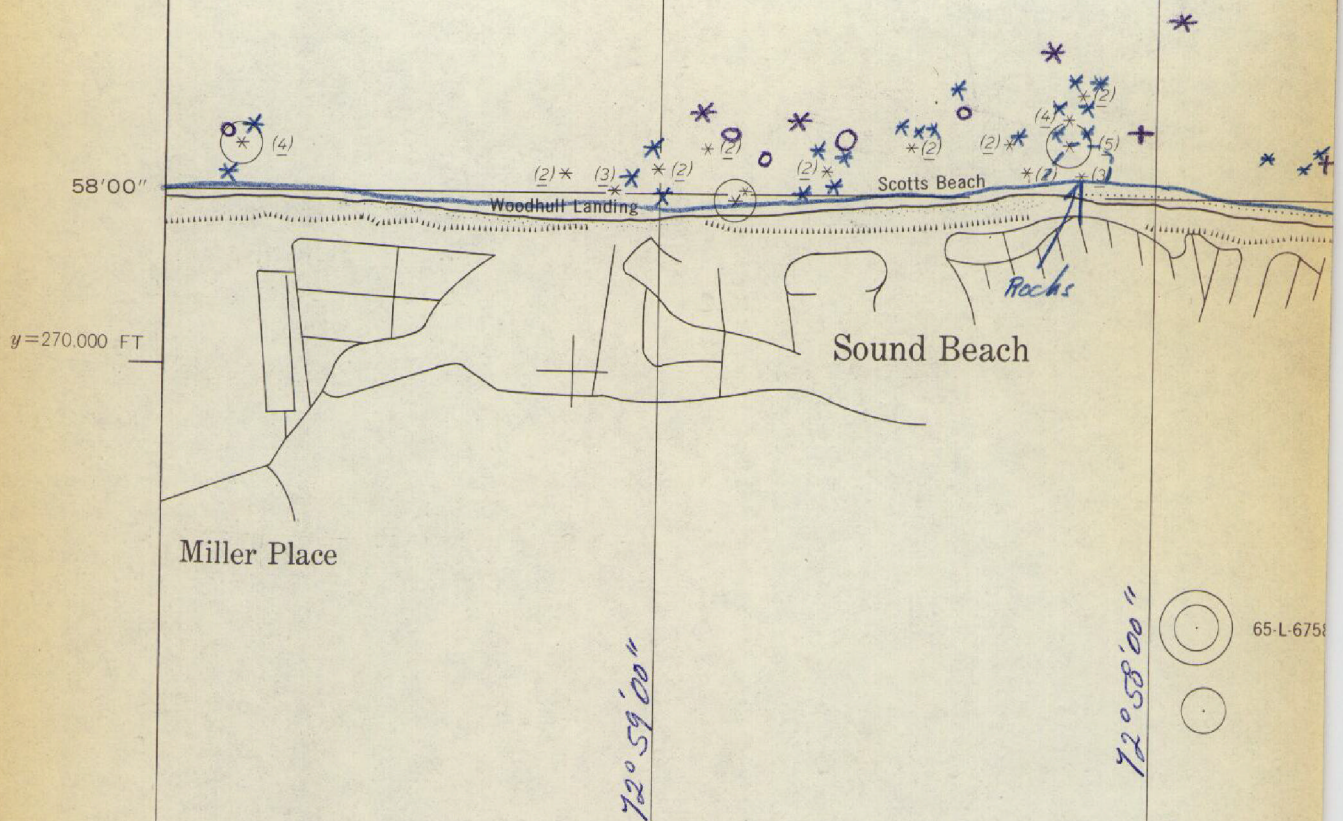
Chief, Photogrammetry Division

59'00"

40°59'00"

L O N G

Note: All rocks visible on the photographs
have been mapped



y=270.000 FT

Miller Place

Sound Beach

72°59'00"

72°58'00"

65-L-6758

57'00"

40°57'00"

Purple from USGS MIDDLE ISLAND, N.Y.
Blue from Registered Survey T-1726

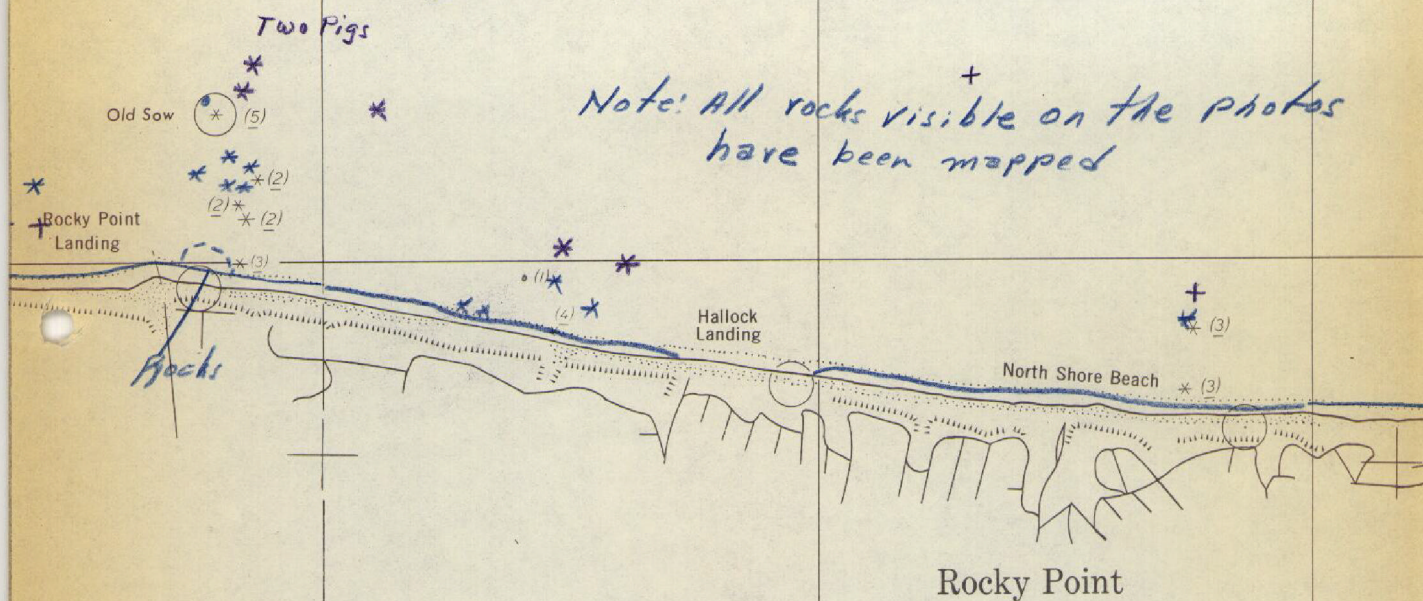
T-12397

40° 54' 00"

I S L A N D S

Two Pigs not visible on photos

Note: All rocks visible on the photos have been mapped



Purple from USGS MIDDLE ISLAND, N.Y.
Blue from Registered Surveys
T-1726 & T-1727



65-L-6759 R

72° 57' 00"

40° 57' 00"

72° 57' 00"

T-12397

y=280,000 FT

40° 59'00"

O U N D

Submerged wreck
Chart 1212
not visible on photos

Notes: All rocks visible on the photos
have been mapped

Sill Rock

Sill Rock

awash MHW

58'00"

Shoreham Beach

Shoreham

△ WOODHULL 2 1883

y=270,000 FT

72° 54'00"

72° 52'30"

65-L-6760 R

40° 57'00"

Purple from USGS MIDDLE ISLAND, N.Y.
Blue from Registered Survey T-1727

T-12397

NONELCATING AIDS OR LANDMARKS FOR CHARTS

~~TO BE CHARGED~~
~~TO BE REVERSED~~
~~TO BE CHARGED~~

STRIKE OUT TWO:

Atlantic Marine Center
July 28 1969

I recommend that the following objects which have ~~(none)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(attached)~~ the charts indicated.

The positions given have been checked after listing b

L. L. Graves

Allen L. Powell, Director, AMC Chief of Party;

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and *non/losting 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

USCOM-DC 16294-P61

FORMER STUDENT REFUSED

T-12397

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.

[illegible]