

12399

12399

<p>Form 504</p> <p>U. S. DEPARTMENT OF COMMERCE</p> <p>COAST AND GEODETIC SURVEY</p> <p><b>DESCRIPTIVE REPORT</b></p>	
<p>Type of Survey <u>SHORELINE</u></p>	
Field No. _____	Office No. <u>T-12399</u>
<p><b>LOCALITY</b></p> <p>State <u>NEW YORK</u></p> <p>General locality <u>LONG ISLAND SOUND</u></p> <p>Locality <u>ROANOKE POINT</u></p>	
<p><u>1965</u> - 1970</p> <p><b>CHIEF OF PARTY</b></p> <p>Allen L. Powell, Director, AMC</p>	
<p><b>LIBRARY &amp; ARCHIVES</b></p>	
<p>DATE _____</p>	

## DESCRIPTIVE REPORT - DATA RECORD

T- 12399

PROJECT NO. (III):

Job PH-6603

FIELD OFFICE (II):

Riverhead (L.I.), N.Y.

CHIEF OF PARTY

Joseph K. Wilson

PHOTOGRAMMETRIC OFFICE (III):

Photogrammetric Branch  
Atlantic Marine Center

OFFICER-IN-CHARGE

Allen L. Powell  
Director, AMC

INSTRUCTIONS DATED (II) (III):

FIELD - January 24, 1966 - Supplement I

OFFICE - May 27, 1966 - Aerotriangulation

OFFICE - Sept. 15, 1966 - Compilation

OFFICE - AMENDMENT I - April 25, 1967

METHOD OF COMPILATION (III):

Kelsh Plotter

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):

NA 1927

VERTICAL DATUM (III):

MEAN ~~XXXX~~ <sup>HIGH WATER</sup> 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 ~~XXXXXX~~

REFERENCE STATION (III):

ROANOKE 1932

LAT.:

40°58'23.307" (719.0m)

LONG.:

72°42'12.727" (297.6m)

☒ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

STATE

ZONE

Y =

X =

New York

Long Island

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

T-12399

FIELD INSPECTION BY (II): Matthew A. Stewart Erwest W. Hartford		DATE:  June-July 1966
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION):  June 1967, Kelsh Plotter		
PROJECTION AND GRIDS RULED BY (IV):  A. E. Roundtree		DATE  10-24-66
PROJECTION AND GRIDS CHECKED BY (IV):  L. F. Van Scoy		DATE  10-25-66
CONTROL PLOTTED BY (III):  K. Boyle		DATE  11-15-66
CONTROL CHECKED BY (III):  A. Santillian		DATE  11-15-66
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III):  P. Hawkins (W.O.)		DATE  8-30-66
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY	DATE
	D. Johnston	6-29-67
	CONTOURS	DATE
Inapplicable		
MANUSCRIPT DELINEATED BY (III):  C. H. Bishop		DATE  7-3-67
SCRIBING BY (III):  E. Pursel		DATE  11-19-70
PHOTOGRAMMETRIC OFFICE REVIEW BY (III):		DATE
Compilation C. H. Bishop		7-12-67
Field Edit R. J. Pate		10-19-70
Scribing E. Pursel		1-28-71
REMARKS: Field Edit By R. S. Tibbetts		6-17-70

## DESCRIPTIVE REPORT - DATA RECORD

T-12399

ERA (KIND OR SOURCE) (III):

C&amp;GS "L" Camera

## PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
66L 2856 thru 2857	April 26, 1966	08:21	1:40,000	0.9 ft above MLW
65L 6764 thru 6766	Oct. 2, 1965	16:32	1:40,000	5.3 ft. above MLW
66L 2872 thru 2874	April 26, 1966	08:46	1:40,000	0.2 ft. 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, 1976

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): 2

RECOVERED:  
2IDENTIFIED:  
2

NUMBER OF BM(S) SEARCHED FOR (II):

None

RECOVERED:

IDENTIFIED

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):

REMARKS:

T-12399

COMPILATION RECORD	COMPLETION DATE	REMARKS
Compilation complete pending field edit		
Alongshore area for hydro- graphy	July 1967	Superseded
Field edit applied; Compilation complete	Sept. 1970	



SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT T-12399

Shoreline survey T-12399 is one of twelve similar surveys in project PH-6603. There are seven 1:10,000 scale and five 1:20,000 scale surveys in the job. These surveys cover that part of the north shore of Long Island from Eatons Neck to Mattituck Inlet. This survey covers the area of Roanoke Point. See page 5 of the descriptive report for the area within the project.

Field work preceded compilation. This consisted of identification of horizontal control, shoreline and interior field inspection, 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 infra-red photography of October 2, 1965, supplemented by color photography on April 26, 1966 and April 25, 1969. Cronaflex copies of the compilation manuscript along with specially prepared photographs and ozalids were provided for transfer of the shoreline to the boat sheet, photo-hydro support 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 which 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 shera, 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

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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 JPP*

Approved by:

*John D. Perrow Jr.*

John D. Perrow, Jr.



## COMPILATION REPORT

Map Manuscript T-12399

Job PH-6603

31. DELINEATION:

Delineation was done with the Kelsh Plotter. Detail on the photographs was office interpreted with the aid of a limited amount of field inspection.

Some cultural features that were missed when the Kelsh models were set were located graphically, as were several rocks awash.

32. CONTROL:

See Photogrammetric Plot Report herewith.

33. SUPPLEMENTAL DATA:

None.

34. CONTOURS AND DRAINAGE:

Not applicable.

35. SHORELINE AND ALONGSHORE DETAILS:

The mean high water line was delineated from office interpretation of photographs taken within 0.5 foot of mean high water.

Some rocks were indicated by the field inspector and dropped by the Kelsh Plotter. Others were located graphically using the low-water photographs.

The low water line was not mapped.

36. OFFSHORE DETAILS:

Offshore details are rocks awash, located by Kelsh Plotter and graphically, and one wreck at Friar Head, located graphically.

37. LANDMARKS AND AIDS:

There are no existing landmarks or fixed aids to navigation in the map area.

38. CONTROL FOR FUTURE SURVEYS:

None.

39. JUNCTIONS:

Satisfactory junctions have been made with T-12400 to the east and T-12398 to the west. There are no contemporary surveys to the north or south.

40. HORIZONTAL AND VERTICAL ACCURACY:

No statement.

46. COMPARISON WITH EXISTING MAPS:

Comparison was made with U.S.G.S. Quadrangle RIVERHEAD, N.Y., scale 1:24,000, dated 1956.

47. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with C&GS Chart 1212, scale 1:80,000, 10th edition dated March 7, 1966.



Items to be applied to nautical charts immediately:

None.

Items to be carried forward:

None.

Approved:

*Allen L. Powell*

Allen L. Powell  
Director, Atlantic Marine Center

Submitted:

*Charles H. Bishop*

Charles H. Bishop  
Cartographer  
July 1967

FEB 22 1971

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6603 (New York)

T-12399

Friar Head

Jacobs Point

~~Long Island~~

Long Island Sound

New York

Reeves Park

Roanoke Landing

Roanoke Point

Approved:

*A. J. Wraight*

A. Joseph Wraight  
Chief Geographer

Prepared by:

*Frank W. Pickett*

Frank W. Pickett  
Cartographic Technician

T- 12399

49- NOTES FOR THE HYDROGRAPHER:

Refer to those notes found on the Field Edit Ozalid

FORM C&GS-1002  
(9-66)U.S. DEPARTMENT OF COMMERCE  
E33A  
COAST AND GEODETIC SURVEY

## PHOTOGRAMMETRIC OFFICE REVIEW

T.12399

1. PROJECTION AND GRIDS CHB	2. TITLE CHB	3. MANUSCRIPT NUMBERS CHB	4. MANUSCRIPT SIZE CHB
<b>CONTROL STATIONS</b>			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY CHB	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) XX		7. PHOTO HYDRO STATIONS XX
8. BENCH MARKS XX	9. PLOTTING OF SEXTANT FIXES XX	10. PHOTOGRAMMETRIC PLOT REPORT Rockville Office	11. DETAIL POINTS CHB
<b>ALONGSHORE AREAS (Nautical Chart Data)</b>			
12. SHORELINE CHB	13. LOW-WATER LINE XX	14. ROCKS, SHOALS, ETC. CHB	15. BRIDGES XX
16. AIDS TO NAVIGATION XX	17. LANDMARKS XX	18. OTHER ALONGSHORE PHYSICAL FEATURES CHB	19. OTHER ALONGSHORE CULTURAL FEATURES CHB
<b>PHYSICAL FEATURES</b>			
20. WATER FEATURES CHB	21. NATURAL GROUND COVER XX		22. PLANETABLE CONTOURS XX
23. STEREOSCOPIC INSTRUMENT CONTOURS XX	24. CONTOURS IN GENERAL XX	25. SPOT ELEVATIONS XX	26. OTHER PHYSICAL FEATURES CHB
<b>CULTURAL FEATURES</b>			
27. ROADS CHB	28. BUILDINGS CHB	29. RAILROADS XX	30. OTHER CULTURAL FEATURES CHB
<b>BOUNDARIES</b>			
31. BOUNDARY LINES XX		32. PUBLIC LAND LINES XX	
<b>MISCELLANEOUS</b>			
33. GEOGRAPHIC NAMES CHB	34. JUNCTIONS CHB		35. LEGIBILITY OF THE MANUSCRIPT CHB
36. DISCREPANCY OVERLAY CHB	37. DESCRIPTIVE REPORT CHB	38. FIELD INSPECTION PHOTOGRAPHS CHB	39. FORMS CHB
40. REVIEWER C. H. Bishop 7-12-67		SUPERVISOR, REVIEW SECTION OR UNIT A. 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 R. E. Smith 9/30/70 Rev. By: R. J. Pate 10/19/70		SUPERVISOR A. C. Rauck, Jr.	
43. REMARKS FIELD EDIT APPLIED FROM: Field edit ozalid, 1969 Traverse (with measurements to the M.H.W.L.) 1969 color photography, Field ratio photo. No. 66-L-2871; Field inspection photos Nos.: 66-L-2872 thru 2874 and 2886.			

FIELD EDIT REPORT  
JOB PH-6603  
NORTH SHORE LONG ISLAND  
NEW YORK  
MAP T-12399

This map was field-edited during October and November 1969.

52. ADEQUACY OF COMPILATION

The compilation appears to be generally adequate, however during the 1969 field season in accordance with memorandum dated 15 July 1969, photogrammetry personnel were directed to locate Hi-Fix calibration signals required by the Whiting by both Electro-tape traverse and photogrammetric techniques. Scaled geographic positions for the photogrammetric locations and all traverse data were submitted to the Whiting for the purpose of computation and comparison. For results, see reports by Commanding Officer Ship Whiting and Photogrammetric Compilation Office.

In 1966, Photogrammetric Party 62 made a complete field inspection of this map.

54. RECOMMENDATIONS

None

55. GEOGRAPHIC NAMES

A complete geographic names investigation was made in 1966. No discrepancies were noted.

56. SHORELINE AND ALONGSHORE FEATURES

Distances were measured to the mean high-water line from each traverse point (calibration signal) established during the 1969 season. Abstract of shoreline reference measurements are included with the field edit data.

57. ROCKS

Rocks were inspected at low-water during the 1966 season. Time did not permit the field editor to inspect all rocks within the limits of this map in 1969. However, some rock changes have been noted.

58. LANDMARKS AND AIDS

Form 567 was submitted for all nautical landmarks and fixed aids to navigation by the 1966 field party. The field editor has submitted form 567 only where changes have been found since 1966.

Submitted By:  
*Robert S. Tibbetts*  
Robert S. Tibbetts  
Surveying Technician

June 17, 1970

REVIEW REPORT T-12399

SHORELINE

FEBRUARY 19, 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 surveys Nos. 1728 and 1729, both 1:10,000 scale surveys made in 1885. The passage of time has made these surveys obsolete. The difference in the shoreline of the surveys has been indicated on the comparison print in blue. Rocks shown on these two surveys that are not visible on the photographs are also noted in blue.

The two prior registered surveys are superseded by T-12399 for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

Comparison was made with U.S.G.S. RIVERHEAD, N.Y. 7½ minute quadrangle, 1:24,000 scale, edition of 1956. The two surveys are in good general agreement with the following exceptions:

A new pier and submerged pipeline are located near latitude 40°58.9', longitude 72°38.7'.

The rocks shown on the U.S.G.S. quadrangle are not visible on the photographs. These have been noted 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, January 31, 1970, corrected thru N.M. 5-1970. The two surveys are in good general agreement.

# 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*  
Leo F. Beugnet  
Cartographer

Approved for forwarding:

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

Approved:

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

Approved:

*Charles H. Hume*      *Jack E. Luth*  
Chief, Photogrammetric Branch      Chief, Photogrammetry Division



41'00" 40'00" 39'00" 38'00" 72°37'

x=2,370,000 FT

A N D S O U N D

Pier not on USGS quadrangle

Not visible on photos  
only one rock visible on photos

40°59'00"

Roanoke Point

69 S(C)-8256

69 S(C)-8257

Jacobs Point

69 S(C)-8258

Rocks

Shoreline & rocks in blue from Registered Survey No. 1729

Shoreline & rocks in purple from USGS RIVERHEAD, NY quadrangle

Bluff

Bluff

Pier

Subm. pipeline

Oil Tanks

Rocks

UCE 3 1958

72°41'00"

40'00"

39'00"

40°58'00"

72°38'00"

T-12399



L  
S  
I  
G  
N  
L

only one Rk visible on photos.

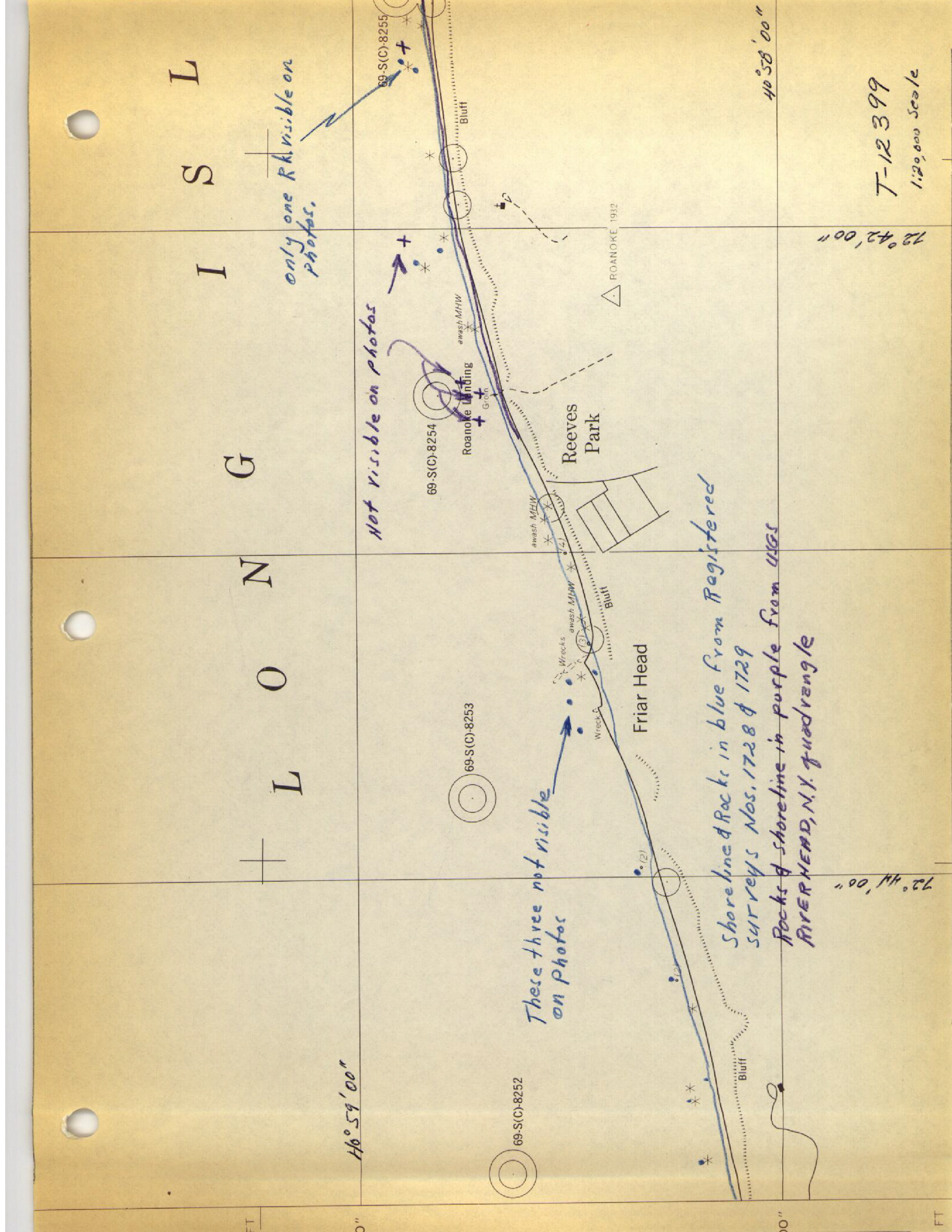
Not visible on photos

These three not visible on photos

Shoreline & Rocks in blue from Registered surveys Nos. 1728 & 1729

Rocks & shoreline in purple from USGS RIVERHEAD, N.Y. quadrangle

T-12399  
1:20,000 Scale





## FILE WITH DESCRIPTIVE REPORT OF SURVEY NO.

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.

FORM C&GS-8052 SUPERSEDES ALL EDITIONS OF FORM C&GS-975.