

12392

12392

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	Shoreline (Photogrammetric)
Field No.	Office No. T-12392
LOCALITY	
State	New York
General locality	Long Island Sound
Locality	Northport Bay
1965 - 1967	
CHIEF OF PARTY	
Allen L. Powell, Director, Atlantic Marine Center	
LIBRARY & ARCHIVES	
DATE	

DESCRIPTIVE REPORT - DATA RECORD

T - 12392

PROJECT NO. (II):

PH-6603

FIELD OFFICE (II):

Riverhead, Long Island, New York

CHIEF OF PARTY

Joseph K. Wilson

PHOTOGRAMMETRIC OFFICE (III):

Atlantic Marine Center

OFFICER-IN-CHARGE

J. Bull, RADM, Director

INSTRUCTIONS DATED (II) (III):

FIELD	January 24, 1966
FIELD	March 1966/6314
OFFICE	May 27, 1966
OFFICE	September 15, 1966

Supplement I
Aerotriangulation
Compilation

METHOD OF COMPILATION (III):

B-8 Plotter and graphic

MANUSCRIPT SCALE (III):

1:10,000

STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):

1:5,000 pantographed to 1:10,000

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

~~XXXXXXXXXX~~ 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 ~~XXXXXXXXXX~~

REFERENCE STATION (III):

CARTER, 1916 ✓

LAT.:

40° 55' 32.224" (994.0m) ✓

LONG.:

73° 21' 39.148" (916.0m) ✓

☒ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

STATE

ZONE

Y =

255, 707.63

X =

2,176, 620.69

New York

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

2

FIELD INSPECTION BY (II): Matthew A. Stewart		DATE: 4/18/66 6/17/66
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Air photo compilation Date of photography: Oct. 10, 1965		
PROJECTION AND GRIDS RULED BY (IV): A. E. Roundtree		DATE 10/13/66
PROJECTION AND GRIDS CHECKED BY (IV): R. Glaser		DATE 10/17/66
CONTROL PLOTTED BY (III): L. L. Graves		DATE 10/20/66
CONTROL CHECKED BY (III): R. J. Pate		DATE 10/20/66
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): P. Hawkins		DATE 8/30/66
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY B. H. Barnes	DATE 8/11/67
	CONTOURS Inapplicable	DATE
MANUSCRIPT DELINEATED BY (III): B. Wilson		DATE 4/21/67
SCRIBING BY (III): F. P. Margiotta		DATE 4/28/68
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): R. E. Smith		DATE 4/28/67

REMARKS:

FIELD EDIT BY : RS. TIBBETTS OCT. 1967

FORM C&GS-181c (3-66)		U.S. DEPARTMENT OF COMMERCE ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION COAST AND GEODETIC SURVEY		
DESCRIPTIVE REPORT - DATA RECORD				
CAMERA (KIND OR SOURCE) (III):				
RC-8 "L" Camera				
PHOTOGRAPHS (III)				
NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
65-L-6574 thru 6576	10/2/65	0833	1:30,000	2.3 ft. above MLW
PREDICTED TIDE (III)				
			RATIO OF RANGES	MEAN RANGE
REFERENCE STATION: Bridgeport			6.8	8.0
SUBORDINATE STATION: Nissequogue River Entrance			7.0	8.3
SUBORDINATE STATION:				
WASHINGTON OFFICE REVIEW BY (IV): <i>Leo F. Beugnot, Atlantic Marine Center</i>			DATE: <i>Sept. 1969</i>	
PROOF EDIT BY (IV):			DATE:	
NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): 6		RECOVERED: 3	IDENTIFIED: 1	
NUMBER OF BM(S) SEARCHED FOR (III): Tidal BM's 3		RECOVERED: 2	IDENTIFIED: 1	
NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):				
NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):				
REMARKS:				

T-12392

COMPILATION RECORD	COMPLETION DATE	REMARKS
Compilation complete pending field edit	April 1967	Superseded
Field edit applied Compilation complete	February 1968	
<i>Final Review</i>	<i>Sept. 1969</i>	

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-12392

Shoreline survey T-12392 is one of seven 1:10,000 scale surveys in job PH-6603. The job is comprised of seven 1:10,000 and five 1:20,000 scale surveys located on the north shore of Long Island from Eatons Neck to Mattituck Inlet. See page 5 for the area of this survey.

Field work preceding compilation consisted of identification of horizontal control, shoreline and field inspection, location of fixed aids to navigation and Geographic Names Investigation.

Compilation was at 1:10,000 scale by B-8 Plotter and graphic methods using the photography of October 1965. A copy of the manuscript (classified incomplete) along with specially prepared photographs was subsequently provided for transfer of the shoreline to the boat sheet, location of photo-hydro signals and for field edit use.

The manuscript was a vinylite sheet 3 minutes 45 seconds in latitude by 3 minutes 45 seconds in longitude. Field edit was accomplished in October 1967. After application of field edit the manuscript was scribed, stuck-up and reproduced on cronaflex. Final Review was done in the Atlantic Marine Center during September 1969. One cronaflex positive and a negative of the final manuscript are forwarded for record and registry.

FIELD INSPECTION REPORT
Project PH46603
Maps T-12389 thru T-12395

This report is submitted for seven maps since there is no great differences in terrain, natural or cultured features which would require special treatment.

2. AREAL FIELD INSPECTION

This area lies along the north shore of Long Island between Lloyd Neck and Old Field Point.

Field Inspection was completed on all seven maps generally to the limits of photography, during May and June 1966.

One area at the east end of Asharoken Beach is under construction by Long Island Light Company and will be changed considerably.

The terrain along this area covered by these maps consists of sand beaches, bluffs and wooded hills with very little marsh and no swamps. Most of the shoreline is accessible by truck.

Photographs of this area is of average quality being taken in October 1965.

Photographs used for field inspection are listed below by maps:

<u>T-12389</u>	<u>T-12391</u>	<u>T-12392</u>	<u>T-12393</u>	<u>T-12394</u>
65-L-6567	65-L-6573	65-L-6574	65-L-6564	65-L-6543
6568		6575	6577	6544
6571				
6572				
	<u>T-12395</u>	<u>T-12390</u>		
	65-L-6545	65-L-6550		
	6546	6551		
	6554	6552		
	6559	65-L-6589 Color		

3. HORIZONTAL CONTROL

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

No new control was established.

Horizontal control stations reported "lost", "destroyed" or "not recovered" are listed below by maps:

<u>T-12393</u>	<u>T-12392</u>
Long Island State Park	Asharoken Beach, Wooden Water Tand, 1939
Commission SM-95, 1939	Chesebro's S W Chimney, 1916
VIEW, 1939	Chesebro's Boat House, 1916

4. VERTICAL CONTROL

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

The bench marks were identified on the photograph in accordance with the topographic manual.

5. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage is composed mostly of a few tidal streams and normal drainage is by direct run-off into these streams and low lands.

6. WOODLAND COVER

Woodland cover was classified in accordance with the topographic manual.

7. SHORELINE AND ALONG SHORE FEATURES

The high-water line has been indicated on the photographs by symbol in accordance with instructions. No attempt was made to delineate the low-water line.

The field inspection of the high-water line was accomplished by several methods, measurements from photo points and by visual inspection by truck and by walking the shoreline.

In a few areas the high-water line adjacent to inlets is subject to change due to storms.

Special attention is invited to grass in water just below the high water line. A large percentage of this grass is a narrow strip or small patches and has the appearance of mud on the photograph.

Inspection of bluffs were made and their location indicated on the photographs.

All other shoreline features are covered by field inspection notes on the photographs.

There has been no great changes in this area.

8. OFFSHORE FEATURES

Offshore features were checked by boat.

Rock areas were inspected at low water and a few of the outer rocks were located by sextant fixes or noted on the photographs.

The general area of these rocks was outlined to aid compilation of rocks on color photography to be taken at low water in the fall of 1966.

All areas of wrecks were inspected at low water and appropriate notes made on the photographs.

A wreck on the west side of Huntington Bay was located by photo points. This wreck is marked by a lighted bouy which is about 300 feet to the east.

One wreck in Northport Harbor (Chart 224) was verified at high water. There is no photography covering this area.

9. LANDMARKS AND AIDS

Nonfloating aids to navigation were verified as to existance and number. They were located by direct photo identification or other field methods.

Landmarks for charts were identified, classified and heights obtained.

Form 567 has been submitted for both features.

The nautical landmarks north and east of Huntington were verified and are shown on a letter-size chart. This area has no photo coverage.

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 will be submitted to Rockville at a latter date.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Horizontal Control Indentification Data to Rockville, Transmittal letter dated 5/12/66, reference #33.

Nonfloating Aids or Landmarks for Charts, Transmittal letter dated 6/23/66, reference #41.

Field Inspection Data, Transmittal letter dated 6/23/66, reference #40.

Approved and forwarded:

Joseph K. Wilson
Joseph K. Wilson
Chief, Photo Party 759

Submitted:

June 27, 1966

Ernest W. Hartford
Ernest W. Hartford
Surveying Technician

10

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 JHP*

Approved by:

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

MAP T	PROJECT NO	SCALE OF MAP	SCALE FACTOR
12392	PH-6603	1:10,000	None

[illegible]

COMPILATION REPORT
T-12392

31. DELINEATION:

The B-8 Plotter was used. Field inspection was adequate, photography satisfactory.

32. CONTROL:

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA:

None

34. CONTOURS AND DRAINAGE:

Contours - inapplicable.

Drainage - no statement.

35. SHORELINE AND ALONGSHORE DETAILS:

The shoreline inspection was adequate. Low water lines were delineated from office interpretation of the photographs.

36. OFFSHORE DETAILS:

No statement.

37. LANDMARKS AND AIDS:

Appropriate copies of Form 567 for Aids and Landmarks were forwarded to the Washington Office under date June 1967. Form 567 for one Aid to be Deleted was submitted to the Washington Office February 1968.

38. CONTROL FOR FUTURE SURVEYS:

None

39. JUNCTIONS:

Junctions are in agreement with T-12391 to the west, and T-12393 to the east. Long Island Sound is to the north and there is no contemporary survey to the south.

40. HORIZONTAL AND VERTICAL ACCURACY

No Statement.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with USGS quadrangle NORTHPORT, N. Y., scale 1:24,000, dated 1954.

Extensive sand-and-gravel operations to the east of Northport Bay and Asharoken Beach have leveled much high ground.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with Chart 224, scale 1:20,000, 6th edition, dated January 17, 1966.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None

ITEMS TO BE CARRIED FORWARD

None.

Submitted:

B. Wilson

B. Wilson
Cartographic Technician

Approved and forwarded:

Allen L. Powell

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

GEOGRAPHIC NAMES
FINAL NAME SHEET
(Long Island, N. Y.)

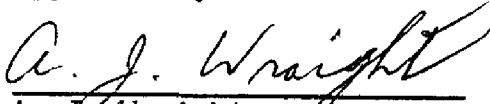
PH-6602

PH-6603

T-12392

Asharoken
Asharoken Beach
Bluff Point
Crab Meadow (feature)
Crab Meadow (village)
Crab Meadow Beach
Duck Island Harbor
Eatons Neck Road
Little Neck
Long Island Sound
Makamah Beach
Northport Basin
Northport Bay
Northport Harbor
Waterside Road

Approved by:


A. J. Wraight
Chief Geographer

Prepared by:


Frank W. Pickett
Cartographic Technician

T-12392

48. NOTES TO THE HYDROGRAPHER:

Refer to those notes found on the Field Edit Ozalid.

PHOTOGRAMMETRIC OFFICE REVIEW

T- 12392

1. PROJECTION AND GRIDS RES	2. TITLE RES	3. MANUSCRIPT NUMBERS RES	4. MANUSCRIPT SIZE RES
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY RES	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) RES		7. PHOTO HYDRO STATIONS X
8. BENCH MARKS X	9. PLOTTING OF SEXTANT FIXES RES	10. PHOTOGRAMMETRIC PLOT REPORT Bridge (W.O.)	11. DETAIL POINTS Wild B-8
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE RES	13. LOW-WATER LINE RES	14. ROCKS, SHOALS, ETC. RES	15. BRIDGES X
16. AIDS TO NAVIGATION RES	17. LANDMARKS RES	18. OTHER ALONGSHORE PHYSICAL FEATURES RES	19. OTHER ALONGSHORE CULTURAL FEATURES RES
PHYSICAL FEATURES			
20. WATER FEATURES RES	21. NATURAL GROUND COVER RES		22. PLANETABLE CONTOURS X
23. STEREOSCOPIC INSTRUMENT CONTOURS X	24. CONTOURS IN GENERAL X	25. SPOT ELEVATIONS X	26. OTHER PHYSICAL FEATURES RES
CULTURAL FEATURES			
27. ROADS RES	28. BUILDINGS RES	29. RAILROADS X	30. OTHER CULTURAL FEATURES RES
BOUNDARIES			
31. BOUNDARY LINES X		32. PUBLIC LAND LINES X	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES RES	34. JUNCTIONS RES		35. LEGIBILITY OF THE MANUSCRIPT RES
36. DISCREPANCY OVERLAY X	37. DESCRIPTIVE REPORT RES	38. FIELD INSPECTION PHOTOGRAPHS RES	39. FORMS RES
40. REVIEWER R. E. Smith		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 F. P. Margiotta		SUPERVISOR A. C. Rauck, Jr.	
43. REMARKS Field edit applied from Field edit ozalid, Field edit and/or Hydro cronaflex, Hydro party bar book (for positions & elev. of rocks), Boat sheet, and Field photographs No. 65-L-6575/6572			

PROJECT OPR 474

LONG ISLAND SOUND

PHOTO-HYDRO SUPPORT TO USC&GS SHIP WHITING

REPORT OF

PHOTOGRAMMETRIC SUB UNIT PARTY 62

A. PURPOSE AND SCOPE OF SUPPORT:

Photogrammetric support for Hydrography operations by the SHIP WHITING was performed by a sub-unit of Photogrammetric party 62 under instruction for Project OPR 474 dated 18 May 1967. The ship was supplied with all necessary Control, Signal building, and Field edit.

B. CONTROL

Hydrographic control consisted of triangulation, and photo-hydro stations. The photo-hydro station were located in accordance with Photo gammetry Instructions No. 45. Natural objects were utilized as hydro signals whenever possible. This saved a great deal of time, as it eliminated the trouble and time spent obtaining premission to erect a banner or tripod type signal on private property.

C. PHOTOGRAPHY

The photographs for the project consisted of 1965 L 1:10,000 scale ratio photographs for the area between Eatons Neck and Old Field Point. The area to the East of Old Field Point is covered by 1966 1:20,000 ratio photographs. These photographs were of good quality and only usual amount of difficulty was encountered in idintifying signal sites.

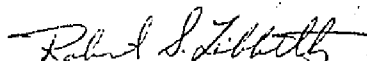
D. DISPOSITION OF DATA:

Cronaflex copy of sheets T 12389 through 12396 were turned over to the Commanding Officer of the Ship Whiting. All photographs and unused Cronaflex copies of manuscripts and Field Edit Data were returned to the Atlantic Marine Center.

E. SPECIAL REPORT:

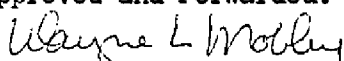
A field Edit report will be submitted for the entire project at a later date.

Respectfully submitted:


Robert S. Tibbetts

RST/ckj

Approved and Forwarded:


for Sidney C. Miller, LCDR, USESSA
Commanding USC&GS Ship WHITING

FIELD EDIT REPORT

PROJECT PH 6603

LONG ISLAND, NEW YORK

51. This report is submitted for sheets T-12389 thru T-12396. The edit was accomplished by visually inspecting the shoreline from a small boat and via road by truck.

All questions were answered as completely as possible on the discrepancy ozalids. In several cases the field editor was asked to locate and or verify depths and numerous rocks.

The Ship Whiting had already completed Hydrography, before field Edit of sheets T-12389 thru T-12396 was started. They obtained depths and positions on all rocks during the course of hydrography. The field editor obtained a copy of this data and it was transmitted with the field edit data.

No comparison was made with the Whittings Boat Sheets where there was a overlap of work, because the Whiting left the area before edit was completed.

52. Adequacy of Compilation.

These maps are adequate for the transfer of shoreline and location of signals on hydrographic survey sheets.

54. Recommendations.

None.

Respectfully submitted:

Robert S. Tibbetts
Robert S. Tibbetts

REVIEW REPORT T-12392
SHORELINE
September 5, 1969

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 1:10,000 scale registered surveys no. 1723, made in 1886 and no. 1732, made in 1885. There have been many major changes in the shoreline since the date of these surveys. The more prominent of these are changes at the entrance to Crab Meadow, new harbors near latitude $40^{\circ} 55.5'$ longitude $73^{\circ} 20.7'$ and $40^{\circ} 54.7' - 73^{\circ} 21.3'$ and the expected erosion due to the passage of time.

The two older surveys are obsolete and are superseded by T-12392.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

Comparison was made with USGS NORTHPORT, N. Y. 7 1/2 minute quadrangle, 1:24,000 scale, edition of 1954. The two surveys are in good general agreement. It is noted that the two lights shown on the quadrangle in the vicinity of latitude $40^{\circ} 55' 42''$ longitude $73^{\circ} 20' 44''$ are no longer in existence.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Comparison was made with boat sheet WH-10-1-67 (H-8949). The shoreline of the two surveys are in good agreement, the shoreline of the boat sheet having been partially obtained from T-12392.

There is a slight conflict between the mean low water line of T-12392 and the soundings on the boat sheet. The most noticeable of these are at the entrance to Crab Meadows, latitude $40^{\circ} 55' 48''$, longitude $73^{\circ} 19' 25''$ and at $40^{\circ} 55' 34'' - 73^{\circ} 21' 00''$. The mean low water line has been retained on survey T-12392 in spite of these conflicts for any value it may have to the nautical chart compiler.

A dolphin located at latitude $40^{\circ} 55' 40''$ longitude $73^{\circ} 20' 43''$ is not shown on the boat sheet.

All rocks located by the hydrographer were searched for on the photographs. These have been shown on the comparison print in purple with appropriate notations.

Eleven rocks, located relatively close in shore to the beach, between longitudes $73^{\circ} 19.8'$ and $73^{\circ} 20.4'$ are on the boat sheet in pencil. These rocks are clearly visible on the photographs and were identified by the field inspector. These have been indicated on the comparison print with a purple circle.

65. COMPARISON WITH NAUTICAL CHARTS

To the east of longitude $73^{\circ} 20.0'$ comparison was made with 1:40,000 scale chart 117SC, 8th edition, corrected thru NM 43, October 26, 1968. To the west of that longitude comparison was with 1:20,000 scale chart 224, 8th edition, December 2, 1968.

The shoreline of the two surveys is in relatively good agreement. The differences have been shown on the comparison print in red. Rocks shown on the chart that are not visible on the photographs have also been indicated on the comparison print in red with appropriate notations.

The shore end of the pipeline near latitude $40^{\circ} 55.6'$ longitude $73^{\circ} 20.5'$ was not located by either the field inspector or the field editor. It is possible that the pipeline was constructed subsequent to field edit of the survey.

Attention is called to two 600 ft. stacks near latitude $40^{\circ} 55' 25''$ longitude $73^{\circ} 20' 39''$. The northern most stack was constructed prior to photography for this survey and is charted as NORTH STACK. In October 1967 the field editor located the southerly stack and made the notation "construction nearing completion, height is the same as stack already mapped". The south stack was added to this survey by the final reviewer.

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

Approved by:

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

Approved by:

Charles H. Hensen
Chief, Photogrammetric Branch, 109

Jack E. Huth
Chief, Photogrammetry Division

73° 18' 45" 73° 19' 00" 73° 20' 00" 19' 30" 40° 56' 15" 55' 30" 56' 00"

$x = 2,185,000$ FT $y = 260,000$ $y = 255,000$ F

N D N U N D

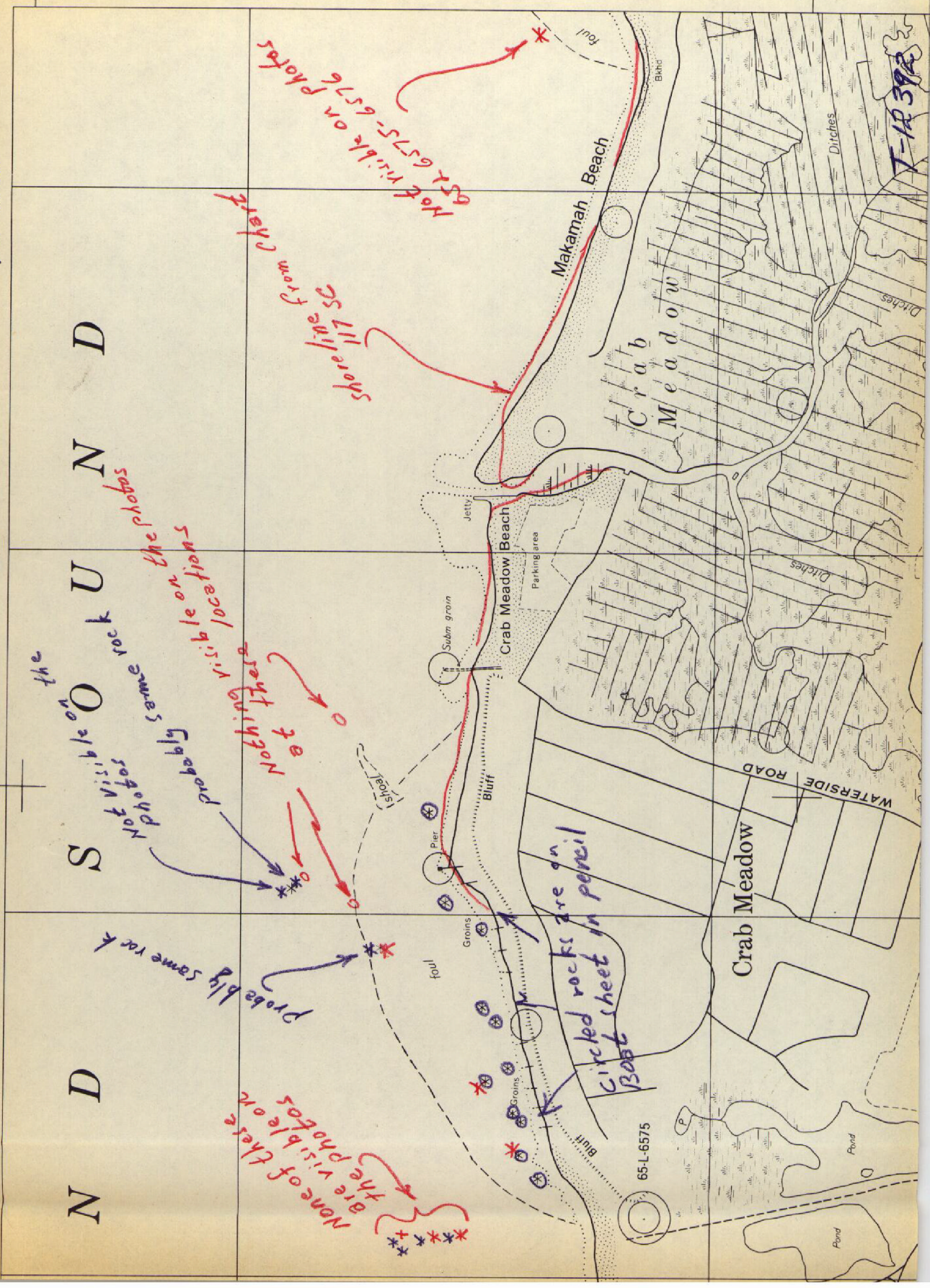
the
S Visible on the photos
Not visible on photos
Probably same rock
Visible on the photos
Nothing there
at these locations

None of these are visible on the photos

Probably same rock

Circled rocks are on Boat sheet in pencil

Hot visible on photos
AST 6575-6576
Littles
Shops
Littles
Shops



T-12392

R T H P O R T B A Y

40° 55' 00"

Not on chart

Northport

Neck

Boat house

Ramp

Pier in ruins

Pier

Bluff Point

Conveyor

Borrow Pit (aband)

Wharf

Groin

Ramp

Pier

Ramp

Harbor

Bkhd

Bkhd

*Rains on chart 224
not visible on photos*

LIMITS OF ADEQUATE PHOTO COVERAGE

40° 54' 00"

73° 22' 00"

73° 21' 00"

T-12392

~~TO BE CHARTED~~
~~TO BE REVISED~~
~~TO BE DELETED~~

STRIKE OUT TWO

Norfolk, Virginia

5 September 1969

MONITORING AND EVALUATION LANDMARKS FOR CHARTS

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

The positions given have been checked after listing by

Leo F. Beugnot

Allen L. Powell, RADM, USESSA
Director, Atlantic Maritime Center

[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 *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 16294-P01

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO.

3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

USCOMM-DC 0558-P62