# Descriptive Report

**Type of Survey**: Shoreline (Photogrammetric)

**Field No.**: T-12393

## Locality

**State**: New York

**General Locality**: Long Island Sound

**Locality**: Sunken Meadow

---

**CHIEF OF PARTY**

Allen L. Powell

Director, Atlantic Marine Center

---

**Library & Archives**

**Date**
PROJECT NO. (iii):
PH-6603

FIELD OFFICE (iii):
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 (iii) (iii):
FIELD January 21, 1966
FIELD March 1966/6314
OFFICE May 27, 1966
OFFICE September 15, 1966

Supplement I
Aerotriangulation
Compilation

METHOD OF COMPILATION (iii):
B 8 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):
MNM
MEASUREMENTS EXCEPT AS FOLLOWS:
Elevations shown as (25) refer to mean high water
Elevations shown as (3) refer to sounding datum
i.e., mean low water

REFERENCE STATION (iii):
MEADOWS, 1932

LAT.:
40° 53' 38.230'' (1179.3 m)

LONG.:
73° 15' 40.285'' (943.0 m)

Adjusted

PLANE COORDINATES (IV):

x = 2.204, 264.8

y = 244, 388.0

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.
### T-12393

<table>
<thead>
<tr>
<th>Compilation Record</th>
<th>Completion Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pending field edit</td>
<td>May 1967</td>
<td>Superseded</td>
</tr>
<tr>
<td>Field edit applied</td>
<td>February 1968</td>
<td></td>
</tr>
<tr>
<td>Compilation complete</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Final Review</strong></td>
<td><strong>Sept. 1969</strong></td>
<td></td>
</tr>
</tbody>
</table>
**DESCRIPTION REPORT - DATA RECORD**

**Camera (Kind or Source) (III):**

RC-6 **NL** Camera

<table>
<thead>
<tr>
<th>NUMBER</th>
<th>DATE</th>
<th>TIME</th>
<th>SCALE</th>
<th>STAGE OF TIDE</th>
</tr>
</thead>
<tbody>
<tr>
<td>65-L-6576 thru 6578</td>
<td>10-2-65</td>
<td>0833</td>
<td>1:30,000</td>
<td>2.3 ft. above MLW</td>
</tr>
<tr>
<td>65-L-6564</td>
<td>10-2-65</td>
<td>0822</td>
<td>1:30,000</td>
<td>2.5 ft. above MLW</td>
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</tbody>
</table>

**Predicted Tide (III):**

<table>
<thead>
<tr>
<th>Ratio of Ranges</th>
<th>Mean Range</th>
<th>Spring Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reference Station: Bridgeport</td>
<td>6.8</td>
<td>8.0</td>
</tr>
<tr>
<td>Subordinate Station: Nissequogue River Entrance</td>
<td>7.0</td>
<td>8.3</td>
</tr>
</tbody>
</table>

**WASHINGTON OFFICE REVIEW BY (IV):**

Lee F. Beyer, Atlantic Mms Center

DATE: Sept. 1969

**NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (III):**

3 RECOVERED: 2 IDENTIFIED: 2

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

0 RECOVERED: 0 IDENTIFIED: 0

**Remarks:**
<table>
<thead>
<tr>
<th>Compilation Record</th>
<th>Completion Date</th>
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<tbody>
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</tr>
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<td>Sept. 1969</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
JOB PH-6603
SHORELINE MAPPING
NORTH SHORE, LONG ISLAND N.Y.
Eatons Neck to Mattituck Inlet

SCALE 1:10,000 & 1:20,000
SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-12393

Shoreline survey T-12393 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 along the north shore of Long Island from Eatons Neck to Mattituck Inlet. See page 5 of this report for the area of the survey within the project.

Field work preceding compilation consisted of identification of horizontal control, shoreline and field inspection, location of landmarks for charts 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 map 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 survey 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 PH-16603
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:

<table>
<thead>
<tr>
<th>Map</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-12389</td>
<td>65-L-6567 65-L-6568 65-L-6571 65-L-6572</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Map</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-12392</td>
<td>Long Island State Park, 1939</td>
</tr>
<tr>
<td>T-12392</td>
<td>Asharoken Beach, Wooden Water Tand, 1939</td>
</tr>
<tr>
<td>T-12392</td>
<td>Chesebro's S W Chimney, 1916</td>
</tr>
<tr>
<td>T-12392</td>
<td>Chesebro's Boat House, 1916</td>
</tr>
<tr>
<td>T-12392</td>
<td>VIEW, 1939</td>
</tr>
</tbody>
</table>
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 buoy 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 existence 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.


Approved and forwarded:

Joseph K. Wilson
Chief, Photo Party 759

Submitted:

June 27, 1966

Ernest W. Hartford
Surveying Technician
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 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

Approved by:
John D. Perrow, Jr.

Paul Hawkins
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>LATITUDE OR θ-COORDINATE LONGITUDE OR x-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS</th>
<th>DATUM CORRECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEADOWS, 1932</td>
<td>G.P.</td>
<td>100° 53' 38.230&quot;</td>
<td>1179.3 (671.5)</td>
<td></td>
</tr>
<tr>
<td>FORT SALONGA</td>
<td></td>
<td>100° 53' 56.539&quot;</td>
<td>1744.1 (106.7)</td>
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<tr>
<td>TANK, 1939</td>
<td>114</td>
<td>730° 18' 21.267&quot;</td>
<td>567.9 (36.2)</td>
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<tr>
<td>NORTHPORT VETERANS</td>
<td></td>
<td>730° 18' 35.096&quot;</td>
<td>1082.6 (768.2)</td>
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</tr>
<tr>
<td>HOSPITAL TANK, 1939</td>
<td></td>
<td>730° 18' 41.795&quot;</td>
<td>1048.6 (356.0)</td>
<td></td>
</tr>
<tr>
<td>KINGS PARK WATER</td>
<td></td>
<td>100° 53' 01.121&quot;</td>
<td>1349 (1806.9)</td>
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</tr>
<tr>
<td>TANK, 1939</td>
<td>115</td>
<td>730° 15' 30.583&quot;</td>
<td>716.0 (688.8)</td>
<td></td>
</tr>
</tbody>
</table>
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 DATA:**

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

36. **OFFSHORE DETAILS:**

   There are numerous offshore rocks, some identified by the field inspector, some by the compiler. Charts and the USGS quadrangle showed still others which necessitate field work to be located or proved non-existent.

37. **LANDMARKS AND AIDS:**

   Appropriate copies of Form 567 for Landmarks were forwarded to the Washington Office under date June 1967. There are no Aids to Navigation on this manuscript.

38. **CONTROL FOR FUTURE SURVEYS:**

   None.
39. JUNCTIONS

Junction has been made with T-12392 to the west, and T-12394 to the east. Long Island Sound occupies the north junction 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.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with Chart 117-SC, scale 1:40,000, 5th edition, dated November 1966.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

Rocks, awash and bare.

Submitted by:

B. Wilson
Cartographic Technician

Approved and forwarded by:

Allen L. Powell
RADM, USESSA
Director, Atlantic Marine Center
GEOGRAPHIC NAMES
FINAL NAME SHEET
(Long Island, N. Y.)

PH-6602
PH-6603

T-12393

Callahans Road
Fresh Pond
Long Island Sound
Makamah Road
Sunken Meadow Creek
Sunken Meadow State Park

Approved by:
A. J. Wraight
Chief Geographer

Prepared by:
Frank W. Pickett
Cartographic Technician
19. NOTES FOR THE HYDROGRAPHER:

None other than appear on the Field Edit Ozalid.
### PHOTOGRAHMATIC OFFICE REVIEW

**T-12393**

<table>
<thead>
<tr>
<th>1. PROJECTION AND GRIDS</th>
<th>2. TITLE</th>
<th>3. MANUSCRIPT NUMBERS</th>
<th>4. MANUSCRIPT SIZE</th>
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<tbody>
<tr>
<td>CHB</td>
<td>CHB</td>
<td>CHB</td>
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**CONTROL STATIONS**

<table>
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<tr>
<th>5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY</th>
<th>6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations)</th>
<th>7. PHOTO HYDRO STATIONS</th>
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<tbody>
<tr>
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**BENCHMARKS**

<table>
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<tr>
<th>8. BENCHMARKS</th>
<th>9. PLOTTING OF Sextant Fixes</th>
<th>10. PHOTOGRAMMETRIC PLOT REPORT</th>
<th>11. DETAIL POINTS</th>
</tr>
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<tbody>
<tr>
<td>X</td>
<td>RES</td>
<td>Bridge - W.O.</td>
<td>Wild B-8</td>
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**ALONGSHORE AREAS (Nautical Chart Data)**

<table>
<thead>
<tr>
<th>12. SHORELINE</th>
<th>13. LOW-WATER LINE</th>
<th>14. ROCKS, SHOALS, ETC.</th>
<th>15. BRIDGES</th>
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</thead>
<tbody>
<tr>
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**AIDS TO NAVIGATION**

<table>
<thead>
<tr>
<th>16. AIDS TO NAVIGATION</th>
<th>17. LANDMARKS</th>
<th>18. OTHER ALONGSHORE PHYSICAL FEATURES</th>
<th>19. OTHER ALONGSHORE CULTURAL FEATURES</th>
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<tbody>
<tr>
<td>X</td>
<td>CHB</td>
<td>CHB</td>
<td>CHB</td>
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**PHYSICAL FEATURES**

<table>
<thead>
<tr>
<th>20. WATER FEATURES</th>
<th>21. NATURAL GROUND COVER</th>
<th>22. PLANETABLE CONTOURS</th>
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<tbody>
<tr>
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**STEREOSCOPIC INSTRUMENT CONTOURS**

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<tr>
<th>23. STEREOSCOPIC INSTRUMENT CONTOURS</th>
<th>24. CONTOURS IN GENERAL</th>
<th>25. SPOT ELEVATIONS</th>
<th>26. OTHER PHYSICAL FEATURES</th>
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<td>X</td>
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**CULTURAL FEATURES**

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<thead>
<tr>
<th>27. ROADS</th>
<th>28. BUILDINGS</th>
<th>29. RAILROADS</th>
<th>30. OTHER CULTURAL FEATURES</th>
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**BOUNDARIES**

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<thead>
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<th>31. BOUNDARY LINES</th>
<th>32. PUBLIC LAND LINES</th>
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**MISCELLANEOUS**

<table>
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<tr>
<th>33. GEOGRAPHIC NAMES</th>
<th>34. JUNCTIONS</th>
<th>35. LEGIBILITY OF THE MANUSCRIPT</th>
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<tbody>
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<td>CHB</td>
</tr>
</tbody>
</table>

**DISCREPANCY OVERLAY**

<table>
<thead>
<tr>
<th>36. DISCREPANCY OVERLAY</th>
<th>37. DESCRIPTIVE REPORT</th>
<th>38. FIELD INSPECTION PHOTOGRAPHS</th>
<th>39. FORMS</th>
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<tr>
<td>X</td>
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<td>CHB</td>
<td>CHB</td>
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**REVIEWER**

<table>
<thead>
<tr>
<th>40. REVIEWER</th>
<th>41. SUPERVISOR, REVIEW SECTION OR UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charles K. Bishop</td>
<td>Albert C. Rauch, Jr.</td>
</tr>
<tr>
<td>CHB</td>
<td>ACR</td>
</tr>
</tbody>
</table>

**REMARKS (See attached sheet)**

**FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT**

<table>
<thead>
<tr>
<th>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMPILER: John A. Margiotta</td>
</tr>
<tr>
<td>E. P. Margiotta</td>
</tr>
</tbody>
</table>

43. REMARKS

Field edit applied from Field edit ozalid Field edit and/or Hydro cronaflex print and CSR book (for content line and 2016 of records.)
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 Photogrammetry 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 permission 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 identifying 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:

[Signature]

Robert S. Tibbetts

RST/ckj

Approved and Forwarded:

[Signature]

Wayne L. Molly

Sidney C. Miller, LCDR, USESSA
Commanding USCGS 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 cards. 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 Whitings Boat Sheets where their 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
REVIEW REPORT T-12393
SHORELINE
September 12, 1969

61. GENERAL STATEMENT

See Summary which is page 6 of the descriptive report.

As stated in the Summary the copy of the manuscript provided for transfer of the shoreline to the boat sheet, location of photo-hydro signals and field edit use was classified as Incomplete. After field edit some of the rocks appearing on the incomplete manuscript were removed. These rocks were also transferred to the boat sheet along with the shoreline prior to hydrography. It was noted that they were not inked on the boat sheet but remain in pencil thereon.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

Comparison was made with a copy of 1:10,000 scale registered survey No. 1723, made in 1886. The passage of time has caused that survey to become obsolete. It is superseded by T-12393 for nautical chart construction purposes.

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 shoreline of the two surveys are in good general agreement.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Comparison was made with boat sheet WH-10-28-67 (H-8950). The shoreline of the two surveys are in agreement, the shoreline of the boat sheet having been obtained from T-12393. All rocks located by the hydrographer that are not visible on the photographs have been indicated on the comparison print in purple.

65. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Chart 117SC, 8th edition, corrected thru NM43, October 26, 1968. The shoreline of the chart and this survey is in fairly good agreement. The differences that do exist have been indicated on the comparison print in red.

Not all of the rocks shown on the chart were visible on the photographs. Those not visible were also indicated on the comparison print in red.
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

Approved by:
Allen L. Powell, RADM, USESSA
Director, AMC

Approved by:
James Murrey
Chief, Photogrammetric Branch

Jack E. Guth
Chief, Photogrammetry Division
<table>
<thead>
<tr>
<th>STATE</th>
<th>NEW YORK</th>
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<tbody>
<tr>
<td>CHARTING NAME</td>
<td>POSITION</td>
</tr>
<tr>
<td>TANK (Elev)</td>
<td>Kings Park Water Tank 1939</td>
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<td>Ht. = 158 (328) ft., Steel, 6 legs</td>
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<td>40 53 01 42 41 73 15 30.583 N.A. Triang. Verified X 117-SC</td>
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<td>TANK (Elev)</td>
<td>Northport Veterans Hospital</td>
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<tr>
<td></td>
<td>Tank, 1939 Ht. = 152 (312) ft.</td>
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<td>Steel, 4 legs</td>
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<td>40 53 05 08 31 73 18 70.795 N.A. Triang. Verified X 117-SC</td>
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<tr>
<td>TANK (Elev)</td>
<td>Steel Ht. = 136 (380) ft. *</td>
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<td>40 53 05 53 21 73 17 51.13 N.A. Photo 6/15/66 X 117-SC</td>
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</tbody>
</table>

* This elev. from field inspection on photo. Field form 567 gave 136 (365) ft.

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 6-36, Fig. 79. Positions of charted landmarks and non-floating 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.
I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be charted on the charts indicated.

The positions given have been checked after listing by

B. Wilson

J. Bull, RADN, USESSA

Director, ANG

Chief of Party

<table>
<thead>
<tr>
<th>STATE</th>
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<tbody>
<tr>
<td>CHARTING NAME</td>
<td>DESCRIPTION</td>
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<td>Long Island</td>
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<td>Tower</td>
<td>Lookout Tower</td>
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</table>

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## INSTRUCTIONS

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

<table>
<thead>
<tr>
<th>CHART</th>
<th>DATE</th>
<th>CARTOGRAPHER</th>
<th>REMARKS</th>
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<td>117-3C</td>
<td>5-25-78</td>
<td>W Chandler</td>
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