<table>
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<th>Type of Survey</th>
<th>SHORELINE</th>
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<tr>
<td>Field No.</td>
<td></td>
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<tr>
<td>Office No.</td>
<td>T-12398</td>
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### LOCALITY

<table>
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<tr>
<td>General locality</td>
<td>LONG ISLAND SOUND</td>
</tr>
<tr>
<td>Locality</td>
<td>HEROD POINT</td>
</tr>
</tbody>
</table>

1965 - 1966

**CHIEF OF PARTY**

Allen L. Powell, Director, AMC

**LIBRARY & ARCHIVES**
**PROJECT NO. (III):**

Job PH-6603

**FIELD OFFICE (III):**

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 - September 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):**

1:8000 Pantographed to 1:20,000

**DATA 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

**REFERENCE STATION (III):**

CAMP GRANT 1939

**LAT.:**

40°57'46.636" (1438.6m)

**LONG.:**

72°45'42.028" (982.8m)

**ADJUSTED**

**UNADJUSTED**

**PLANE COORDINATES (IV):**

V = 

X =

**STATE**

New York

**ZONE**

Long Island

**HIGHER AND LOWER WATER LEVELS ARE AS FOLLOWS:**

Elevations shown as (25) refer to mean high water

Elevations shown as (3) refer to sounding datum

i.e., mean low water or mean lower low water.

**VITAL 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-12398**

**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):**
- 2 October 1965
- 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):**
- L. L. Graves

**DATE:**
- 10-31-66

**CONTROL CHECKED BY (III):**
- R. J. Pate

**DATE:**
- 10-31-66

**RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III):**
- P. Hawkins

**DATE:**
- 8-30-66

**STEREOSCOPIC INSTRUMENT COMPILATION (III):**
- W. S. Davis
  - PLANIMETRY
  - CONTOURS
  - Inapplicable

**DATE:**
- 7-15-67

**MANUSCRIPT DELINEATED BY (III):**
- C. H. Bishop

**DATE:**
- 7-20-67

**SCRIBING BY (III):**
- R. E. Smith

**DATE:**
- 11-4-70

**PHOTOMETRIC OFFICE REVIEW BY (III):**
- C. H. Bishop
  - COMPILED
  - FIELD EDIT APPLICATION
  - SCRIBING AND STICKUP
  - E. Pursel

**DATE:**
- 7-24-67

**REMARKS:**
- FIELD EDIT BY
- R. S. Tibbetts

**DATE:**
- 11-22-68
### PHOTOGRApHS (III)

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<th>TIME</th>
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<th>STAGE OF TIDE</th>
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<tr>
<td>65L 6761 R</td>
<td>2 Oct. 1965</td>
<td>16:32</td>
<td>1:40,000</td>
<td>5.3 ft. above MLW (from Predicted Tables)</td>
</tr>
<tr>
<td>thru 65L 6763 R</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>66 L 2869 Thru</td>
<td>26 April 1966</td>
<td>08:46</td>
<td>1:40,000</td>
<td>0.2 ft. above MLW (from Staff reading)</td>
</tr>
<tr>
<td>66 L 2871</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### TIDE (III)

| REFERENCE STATION: | BRIDGEPORT | RATIO OF RANGES | 6.8 | 8.0 |
| SUBORDINATE STATION: | Herod Point | MEAN RANGE | 5.9 | 7.0 |

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

DATE: February, 1971

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (III): 2

RECOVERED: 2

IDENTIFIED: 1

NUMBER OF BM(S) SEARCHED FOR (III): NONE

RECOVERED: IDENTIFIED

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III): 

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III): 

REMARKS:
<table>
<thead>
<tr>
<th>Compilation Record</th>
<th>Completion Date</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>Compilation complete pending field edit</td>
<td></td>
<td></td>
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<tr>
<td>INCOMPLETE MANUSCRIPT</td>
<td>July, 1967</td>
<td>Superseded</td>
</tr>
<tr>
<td>Field edit applied</td>
<td>July, 1968</td>
<td>Superseded</td>
</tr>
<tr>
<td>NMWL revised from 1969 photography and a third order traverse. Rocks and foul areas are from a field edit cronaflex dated 1968</td>
<td></td>
<td>Sept. 1969</td>
</tr>
</tbody>
</table>
JOB PH-6603
SHORELINE MAPPING
NORTH SHORE, LONG ISLAND N.Y.
Eaton's Neck to Mattituck Inlet

SCALE 1:10,000 & 1:20,000
SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORT T-12398

Shoreline survey T-12398 is one of twelve similar surveys in project PH-6603. These surveys cover that part of the north shore of Long Island extending from Eatons Neck to Mattituck Inlet. This survey covers the area from Wading River to Woodcliff Park. See page 5 of the descriptive report for the area within the project.

Field work preceded compilation. This consisted of recovery and 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 photography of October 2, 1965. Cronaflex copies of the manuscript along with specially prepared photographs and ozalids were subsequently provided for transfer of the shoreline to the boat sheet, photo-hydro support use and field edit.

The manuscript was a vinylite sheet 7½ minutes in latitude by 7½ minutes in longitude. After application of field edit data it 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
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 sand 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 compiler’s 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. Walburt 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
   # 42.

   Geographic Names Investigation Report to Rockville, transmittal letter

Submitted:
August 15 August 1966

Joseph K. Wilson
Chief, Photo Party 62
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 stereoplanigraph 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 FUG 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.
<table>
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<th>STATION</th>
<th>SOURCE OF INFORMATION, (INDEX)</th>
<th>DATUM</th>
<th>LATITUDE OR Y COORDINATE</th>
<th>LONGITUDE OR X COORDINATE</th>
<th>DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
<th>SCALE FACTOR</th>
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<td>Waukepex, 1939</td>
<td>G. P. 194</td>
<td>N. A. 1927</td>
<td>40°55'14.570&quot;</td>
<td>72°49'23.816&quot;</td>
<td>449.4 (1401.4)</td>
<td>None</td>
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<tr>
<td>Camp Grant, 1939</td>
<td>G. P. 195</td>
<td>&quot;</td>
<td>40°57'46.636&quot;</td>
<td>72°45'42.028&quot;</td>
<td>1438.6 (412.3)</td>
<td>None</td>
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<tr>
<td>Wildwood State Park, Elevated Tank, 1939</td>
<td>&quot; 203</td>
<td>&quot;</td>
<td>40°57'48.953&quot;</td>
<td>72°48'23.638&quot;</td>
<td>1510.1 (340.8)</td>
<td>None</td>
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COMPUTED BY A. C. RAUCK, JR.  DATE OCT. 3, 1966

CHECKED BY L. O. NETERER, JR.  DATE OCT. 5, 1966
COMPILATION REPORT
Map Manuscript T-12398
Job PH-6603

31. **DELINEATION:**

Delineation was done with the Kelsh Plotter, using infrared photography taken when the trees were in foliage.

Cultural features that were missed when the Kelsh models were set were mapped graphically from black and white prints of color photographs taken in the spring before leaves were on the trees.

32. **CONTROL:**


33. **SUPPLEMENTAL DATA:**

None.

34. **CONTOURS AND DRAINAGE:**

Contours not applicable. Two drains from marsh areas were mapped.

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.

The low water line was not mapped.

36. **OFFSHORE DETAILS:**

There are no offshore details other than rocks. Nautical Chart 1212 and U.S.G.S. Quadrangle WADING RIVER show numerous offshore rocks, many of which are not identifiable on the photographs. None were located by the field inspector. The rocks shown on the map manuscript were compiled from office interpretation of the photographs and should be verified by field edit.
37. **LANDMARKS AND AIDS:**

Forms 567 for **LANDMARKS FOR CHARTS** were forwarded to the Rockville Office under date March 3, 1971.

There are no fixed aids to navigation in this map area.

38. **CONTROL FOR FUTURE SURVEYS:**

None.

39. **JUNCTIONS:**

Satisfactory junctions have been made with T-12397 on the west and T-12399 on the east. There are no contemporary surveys on 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 WADING RIVER, N. Y.**, scale 1:24,000 dated 1957.

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
Director, Atlantic Marine Center

Submitted:

Charles H. Bishop
Cartographer
7-27-67
GEOGRAPHIC NAMES
FINAL NAME SHEET
PH-6603 (New York)

T-12398

Albany Rock
Fresh Pond Landing
Herod Point
Hulse Landing
Little Flower School
Long Island
Long Island Sound
New York
St. Joseph Villa
Wading River
Wading River Landing
Woodcliff Park

Approved:

A. Joseph Wright
Chief Geographer

Prepared by:

Frank W. Pickett
Cartographic Technician
49- NOTES FOR THE HYDROGRAPHER:

Refer to those notes found on the Field Edil Ozalid
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<tr>
<td>4.</td>
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**Control Stations**

| 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.   | Photographic Stations | XX |

**Bench Marks**

| 8.   | Bench Marks | XX |
| 9.   | Plotting of Sextant fixes | XX |
| 11.  | Detail Points | CHB |

**AloShore Areas (Nautical Chart Data)**

| 12.  | Shoreline | CHB |
| 13.  | Low-Water Line | XX |
| 14.  | Rocks, Shoals, etc. | CHB |
| 15.  | Bridges | XX |

**Aids to Navigation**

| 16.  | Aids to Navigation | XX |
| 17.  | Landmarks | CHB |
| 18.  | Other AloShore Physical Features | XX |
| 19.  | Other AloShore Cultural Features | CHB |

**Physical Features**

| 20.  | Water Features | CHB |
| 21.  | Natural Ground Cover | XX |
| 22.  | Planetary Contours | XX |
| 23.  | Stereoscopic Instrument Contours | XX |
| 24.  | Contours in General | XX |
| 25.  | Spot Elevations | XX |
| 26.  | Other Physical Features | CHB |

**Cultural Features**

| 27.  | Roads | CHB |
| 28.  | Buildings | XX |
| 29.  | Railroads | CHB |
| 30.  | Other Cultural Features | CHB |
| 31.  | Boundaries | CHB |
| 32.  | Public Land Lines | XX |

**Miscellaneous**

| 33.  | Geographic Names | CHB |
| 34.  | Juncions | 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 7/24/67 |
| 41.  | Remarks | A. C. Rauck, Jr. |

**Field Completion Additions and Corrections to the Manuscript**

- 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 | A. Shands 12/13/68 |
| Supervisor | A. C. Rauck, Jr. |
| Reviewer | L. F. Beugnet 10/21/70 |

**Field Edit Applied From**

- Date: 12/13/68
- Field edit ozalid.
- Cronaflex copy
- Field ratio 66L-2871
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

[Signature]

Robert S. Tibbetts
Surveying Technician
REVIEW REPORT T-12398
SHORELINE
FEBRUARY 16, 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. 1727 and 1728, both 1:10,000 scale surveys made in 1885. Many of the rocks shown on these two surveys are not visible on the photographs of the area. These and the difference in the shoreline have been indicated on the comparison print in blue.

The passage of time has made surveys Nos. 1727 and 1728 obsolete. They are superseded by T-12398 for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

Comparison was made with U.S.G.S. WADING RIVER, N.Y., 7½ minute quadrangle, 1:24,000 scale, edition of 1957. The two surveys are in good general agreement with the exception of the rocks. Those rocks, shown on the U.S.G.S. quadrangle, which are not visible on the photographs have been indicated on the comparison print in purple.

A comparison of the U.S.G.S. quadrangle and Chart 1212 indicates that the source of the rocks for the U.S.G.S. quadrangle was Chart 1212.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

There was no contemporary hydrographic survey available for comparison purposes at the time of final review.
65. **COMPARISON WITH NAUTICAL CHARTS**

Comparison was made with chart 1212, 13th edition, January 31, 1970, corrected thru N.M. 5-1970. This is the only chart that covers this area. Many of the rocks shown on the chart are not visible on the photographs. As stated in item 63 the source for the rocks for the U.S.G.S. quadrangle was chart 1212, therefore, all differences that exist between the U.S.G.S. quadrangle and T-12398 also exist between the chart and T-12398.

66. **ADEQUACY OF RESULTS AND FUTURE SURVEYS**

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

Reviewed by:

[Signature]
Leo F. Beugnet
Cartographer

Approved for forwarding:

[Signature]
Melvin J. Hambach, CDR, NOAA
Chief, Photogrammetry Division, AMC

Approved:

[Signature]
Allen L. Powell, RADM, NOAA
Director, Atlantic Marine Center

Approved:

[Signature]
Carlos Hembree, Jack E. Guth
Chief, Photogrammetric Branch, Chief, Photogrammetry Division
Survey 1727 — Survey 1728

Rocks & Shoreline in blue from Surveys 1727 & 1728
Rocks in purple from USGS WADING RIVER QUAD

Jetties Not on USGS Quad

69 S(C)-8246
69 S(C)-8248

Herod Point

St Josephs Villa
Wading River Landing

Little Fisheater School

Rocks

Hulse Landing

T-12398
Rocks in blue - shoreline in blue
from Registered Survey 1728
Rocks in purple from USGS
WADING RIVER Quadrangle
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.

### NEW YORK

<table>
<thead>
<tr>
<th>CHARTING NAME</th>
<th>DESCRIPTION</th>
<th>SIGNAL NAME</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
<th>DATUM</th>
<th>METHOD OF LOCATION AND SURVEY</th>
<th>CHARTS AFFECTED</th>
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<tbody>
<tr>
<td>LONG ISLAND SOUND</td>
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<tr>
<td>DOME</td>
<td>White, steel ht=65(265)</td>
<td></td>
<td>40 56</td>
<td>59.87 1847</td>
<td>72 52 15.90 372</td>
<td>1927 T-12398</td>
<td>7-20-66 X</td>
</tr>
<tr>
<td>TANK</td>
<td>Army green, 6 legs, steel, ht=148(273) (Wildwood State Park Elevated Tank, 1939)</td>
<td></td>
<td>40 57</td>
<td>48.953 1510.1</td>
<td>72 48 23.638 552.8</td>
<td>1927 T-12398</td>
<td>6-15-66 X</td>
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</tbody>
</table>

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
**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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