### Descriptive Report

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

**Job No.**: PH-6615

**Map No.**: T-13302

**Classification No.**

**Edition No.**: 2

**Field Edited Map**

### Locality

**State**: Connecticut

**General Locality**: Connecticut River

**Locality**: East Hartford

---

**1968 to 1969**

### Registry in Archives

**Date**

---

*U.S. Government Printing Office: 1972-780-593*
**PROJECT NO. (III):**

PH-6815

**FIELD OFFICE (III):**

None

**CHIEF OF PARTY**

**PHOTOGRAHMNETIC OFFICE (III):**

Atlantic Marine Center, Norfolk, Virginia

**OFFICER-IN-CHARGE**

Alfred C. Holmes, RADM, NOAA

**INSTRUCTIONS DATED (III) (IV):**

Aerotriangulation and Compilation - December 4, 1968
Office - AMENDMENT I - January 14, 1969

**METHOD OF COMPIALATION (III):**

Wild B-8 Plotter and Graphic

**MANUSCRIPT SCALE (III):**

1:10,000

**STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):**

1:20,000 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):**

**JUL 29 1974**

**GEOGRAPHIC DATUM (III):**

N.A. 1927

**REFERENCE STATION (III):**

Hartford, Mrs. Sage's House, Tower, 1891

**LAT.:**

41° 48' 00.635" (19.6 m)

**LONG.:**

72° 39' 44.127" (1018.8 m)

**PLANE COORDINATES (IV):**

- 352,295.6 ft.
- 623,925.11 ft.

**STATE: ZONE: Connecticut**

**VERTICAL DATUM (III):**

N.A. 1927 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

**ADJUSTED**

**UNADJUSTED**

RROMAN NUMERALS INDICATE WHETHER THE ITEM IS TO BE ENTERED BY (III) 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-13302**

<table>
<thead>
<tr>
<th><strong>FIELD INSPECTION BY (II):</strong></th>
<th><strong>DATE:</strong></th>
</tr>
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<tbody>
<tr>
<td>None</td>
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</tbody>
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| **MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION):** |
|-----------------------------|----------|
| Air Photo Compilation       |          |
| Date of Photography: October 1, 1968 |          |

- Refer to the *Field Edit Report* (heading 52, page 17)

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<th><strong>PROJECTION AND GRIDS RULED BY (IV):</strong></th>
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<tbody>
<tr>
<td>A. Bethea</td>
<td>November 19, 1968</td>
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<td>L. Van Scy</td>
<td>November 26, 1968</td>
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<tr>
<td>Aerotriangulation - J. Steinberg</td>
<td>March 4, 1969</td>
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<tr>
<td>Triangulation - A. C. Rauck, Jr.</td>
<td>March 17, 1969</td>
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<th><strong>CONTROL CHECKED BY (III):</strong></th>
<th><strong>DATE:</strong></th>
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<tr>
<td>Aerotriangulation - J. Minton</td>
<td>March 4, 1969</td>
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<td>Triangulation - C. Bishop</td>
<td>March 17, 1969</td>
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<th><strong>RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III):</strong></th>
<th><strong>DATE:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>I. I. Saperstein</td>
<td>January 16, 1969</td>
</tr>
</tbody>
</table>

| **STEREOSCOPIC INSTRUMENT COMPILATION (III):** | **PLANIMETRY** | **DATE:** | **CONTOURS** | **DATE:** |
|-------------------------------------------------|-----------------|-----------|-------------|

<table>
<thead>
<tr>
<th><strong>MANUSCRIPT Delineated by (III):</strong></th>
<th><strong>DATE:</strong></th>
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<tbody>
<tr>
<td>L. O. Neterer</td>
<td>June 9, 1969</td>
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<tr>
<th><strong>ScribING BY (III):</strong></th>
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<tr>
<td>J. Hinton</td>
<td>June 23, 1970</td>
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<tr>
<th><strong>PHOTOGRAmmETRIC OFFICE REVIEW BY (III):</strong></th>
<th><strong>DATE:</strong></th>
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<tr>
<td>Compilation: C. Bishop</td>
<td>July 7, 1969</td>
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<tr>
<td>Field Edit: A. Shands</td>
<td>March 9, 1970</td>
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<tr>
<td>Scribing and Stick-up: B. Barge</td>
<td>August 3, 1970</td>
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<tr>
<th><strong>REMARKS:</strong></th>
<th><strong>DATE:</strong></th>
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</thead>
<tbody>
<tr>
<td>Field Edit by: R. E. Kesselring</td>
<td>November 12, 1969</td>
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## Predicted Tide (III)

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<tr>
<th>Camera (Kind or Source) (III):</th>
<th>Wild RC-8 &quot;E&quot;</th>
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<tr>
<td><strong>PHOTOGRAPHS (III)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>NUMBER</strong></td>
<td><strong>DATE</strong></td>
</tr>
<tr>
<td>68E(C)7952-7953</td>
<td>Oct. 1, 1968</td>
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<tr>
<td>68E(C)8025-8026</td>
<td>Oct. 1, 1968</td>
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<tr>
<td>68E(C)8057-8060</td>
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<tbody>
<tr>
<td>Subordinate Station:</td>
<td>Hartford, Connecticut</td>
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**WASHINGTON OFFICE REVIEW BY (IV):** Bernard Kurs  
**DATE:** September 1972  
**PROOF EDIT BY (IV):**  
**DATE:**

**NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (III):** 1  
**RECOVERED:** 1  
**IDENTIFIED:** 1

**NUMBER OF BM(S) SEARCHED FOR (III):** None  
**RECOVERED:**  
**IDENTIFIED:**

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

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

**REMARKS:**
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<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>June 1969</td>
<td>Superseded</td>
</tr>
<tr>
<td>Field Edit Applied; Compilation Complete</td>
<td>February 1970</td>
<td>Superseded (see below)</td>
</tr>
<tr>
<td>Final Review</td>
<td>September, 1972</td>
<td></td>
</tr>
</tbody>
</table>

* Chart Maintenance Print (Advance Manuscript Copy) forwarded to Marine Chart Division on July 19, 1970.

Scribing and stick-up completed in the Compilation Section on Aug. 3, 1970.

** Chart Maintenance Print (final reviewed copy) forwarded to the Rockville Office on Dec. 15, 1972 — to Chart Division July, 1974
SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-13302

Shoreline survey T-13302 is one of 10 similar surveys in project PH-6815. The primary purpose of the project is to provide up-to-date shoreline and photo-hydro support data for the hydrographic surveys in the Connecticut River area. See page 5 for the area covered by the project and the location of this survey within the project.

There was no field work prior to compilation with the exception of premarking of horizontal control for identification prior to the flying of photography.

Compilation was at 1:10,000 scale by Wild E-6 Plotter using photography of October, 1968. Copies of the incomplete manuscript along with specially prepared photographs and ozalids were furnished for the transfer of the shoreline to the boat sheet, photo hydro support use and field edit.

The compilation manuscript is a vinylite sheet 3 minutes 45 seconds in latitude by 3 minutes 45 seconds longitude. After field edit data was applied the survey was scribed and reproduced on cronaflex. Final review was at the Atlantic Marine Center in October 1972. One cronaflex positive and negative of the final reviewed survey are forwarded for record and registry.
FIELD INSPECTION REPORT

T-13302

PROJECT PH-6815

There was no field inspection prior to compilation.
21. Area Covered

This report covers the Connecticut River, Connecticut, from latitudes 41°23’30“ to 41°43’45“ and consists of ten (10) 1:10,000 scale T-sheets, T-13302 thru T-13311.

22. Method

Two (2) 1:40,000 scale and one (1) 1:20,000 scale strips of color photographs were bridged by analytical aero-
triangulation methods.

The attached sketch of the strips bridged shows the placement of triangulation used in the final strip adjustments. Closure to horizontal control on Connecticut state plane coordinates are shown for each strip on the EDM readouts.

23. Adequacy of Control

All horizontal control was premarked and appeared on the photographs very clear. Strip 3 was controlled by ties from strip 2 and held very well.

24. Supplemental Data

Vertical control needed for the adjustment was taken from USGS quadrangles.

25. Photography

The definition and quality of the RC-8 "E" color photography were good. Coverage was adequate to compile all sheets.

Cromapaque and matte ratio prints have been ordered for the 1:20,000 scale color photographs on black and white base.

Respectfully submitted,

I. I. Saperstein

Approved and forwarded,

Chief, Aerotriangulation Section
Co. -ticut River, Connecticut  
Job PH-6815

Notes to Compiler

It will be noted that many bridge points classified 500 e.g. 19503 are shown on the IBM readouts and pricked on the 1:20,000 scale contact photographs. These points were to be used to orient the 1:20,000 scale ratio prints for hydro support. This was done by Washington Compilation Office request. Description for each 500 point is included.
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>DATUM</th>
<th>LATITUDE OR Y COORDINATE</th>
<th>N.A. 1927 - DATUM</th>
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<tbody>
<tr>
<td>Hartford, Mrs. Sage's House,</td>
<td>Geo. Pos.</td>
<td>N.A.</td>
<td>41° 48' 00.635&quot;</td>
<td>19.6</td>
</tr>
<tr>
<td>Tower, 1891</td>
<td>Vol. I, Pg. 295</td>
<td>1927</td>
<td>72° 39' 44.127&quot;</td>
<td>1018.8</td>
</tr>
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</table>

Distance from grid or projection line in meters (1 ft. = 0.3048006 meter):
- Forward: 1831.5
- Back: 366.4

**Computed by:**
A.C. Rauck, Jr.

**Date:** January 30, 1969

**Checked by:**
C.H. Bishop

**Date:** March 17, 1969
COMPILATION REPORT
T-13302
PROJECT PH-6815

31. **DELINEATION:**

The Wild B-8 was used, utilizing the 1:40,000 scale bridging photography. The 1:20,000 scale photography was ratioed to 1:10,000 scale and used to compare and refine details where necessary.

Photography was adequate as to coverage; however, it would have assured a more accurate interpretation of the mean high water line if the photography had been flown in late winter or early spring before the foliage is on the heavy deciduous vegetation that falls along most of the shoreline.

32. **CONTROL:**


33. **SUPPLEMENTAL DATA:**

None.

34. **CONTOURS AND DRAINAGE:**

Contours are inapplicable.

Drainage was compiled from office interpretation of the photographs.

35. **SHORELINE AND ALONGSHORE DETAILS:**

The mean high water line was compiled from office interpretation on the Wild B-8, and refined graphically with 1:10,000 scale ratio prints of the 1:20,000 scale photography. Tree overhang made it difficult to properly identify the mean high water line in places, but the compilation is believed to be within the required limits of accuracy.
The low water line was compiled from office interpretation of the 1:20,000 scale ratio photos.

36. OFFSHORE DETAILS:

None.

37. LANDMARKS AND AIDS:

Form 567 for landmarks was submitted under date of March 4, 1970.

There were no nonfloating aids.

38. CONTROL FOR FUTURE SURVEYS:

None.

39. JUNCTIONS:

Junction with T-13303 to the south is in agreement. There are no contemporary surveys to the north, east, or west.

40. HORIZONTAL AND VERTICAL ACCURACY:

No statement.
46. **COMPARISON WITH EXISTING MAPS**

A comparison has been made with U.S.G.S. Quadrangle HARTFORD NORTH, CONNECTICUT, scale 1:24,000, dated 1964, reprinted 1966.

47. **COMPARISON WITH NAUTICAL CHARTS**


**ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY**

None

**ITEMS TO BE CARRIED FORWARD**

None

Submitted by:

Lowell O. Neterer, Jr.
Cartographic Technician
June 5, 1969

Approved for forwarding:

Melvin J. Tombach, CDR
Chief, Coastal Mapping Div., AMC

Approved:

Alfred C. Holmes
RADM, NOAA
Director, AMC
GEOGRAPHIC NAMES
FINAL NAME SHEETS
PH-6815 (Conn.)

T-13302

Bissell Bridge
Alkeley Fixed Bridge
Connecticut River
Deckers Brook
East Hartford
East Hartford Dike
Goodwin Brook
Governor St.
Hartford
Meadow Brook
Newberry Brook
New York New Haven & Hartford (RR)
North King St.
North Meadows Dike
Podunk River
Veterans Highway
Vibert Street
Wilson

Approved:
G. P. Meredith
Chief, Scientific Data and Services Division

Prepared by:
A. Joseph Wright
Chief Geographer
# Photogrammetric Office Review

**T. 13302**

|-------------------------|----------|-----------------------|--------------------|

## Control Stations

<table>
<thead>
<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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</thead>
<tbody>
<tr>
<td>C.H.B.</td>
<td>X</td>
<td>X</td>
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## Bench Marks

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<tr>
<td>X</td>
<td>X</td>
<td>Bridge - W.O.</td>
<td>C.H.B.</td>
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## Alongshore Areas (Nautical Chart Data)

|---------------|--------------------|-------------------------|-------------|

## Aids to Navigation

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<tbody>
<tr>
<td>None</td>
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<td>C.H.B.</td>
<td>C.H.B.</td>
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## Physical Features

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## Cultural Features

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## Boundaries

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## Miscellaneous

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<th>33. Geographic Names</th>
<th>34. Juncions</th>
<th>35. Legibility of the Manuscript</th>
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<tr>
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<td>C.H.B.</td>
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## Discrepancy Overlay

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<td>C.H.B.</td>
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## Reviewer

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<thead>
<tr>
<th>40. Reviewer</th>
<th>Date</th>
<th>Supervisor, Review Section or Unit</th>
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</thead>
<tbody>
<tr>
<td>Charles H. Bishop</td>
<td>6-25-69</td>
<td>Albert C. Rauck, Jr.</td>
</tr>
</tbody>
</table>

## Remarks (See attached sheet)

### Field Completion Additions and Corrections to the Manuscript

Field edit applied from: Field edit ozalid; Form 152; Form 37; sketch "B"; and field edit photos Nos. 68-B(c)8057 thru 8060.

Field edit was excellent.
52. ADEQUACY OF COMPILATION

Compilation was adequate. A few minor shoreline changes were indicated in areas where overhanging trees and/or heavy shadows obscured the MHWL. One small cove, at Lat. 41° 46.3', Long. 72° 40.1', was overlooked. It was inked on the color photographs and outlined, approximately, on the field edit ozalid. Two or three intermittent streams and one flowing stream were not mapped. One compiled pier and a piling were not extant and were deleted from the field edit ozalid. Measurements to the MHWL were made from the ends of the groins in the southerly portion of the map. These groins are all of the same construction, but debris piled against one of them, caused it to be incorrectly delineated. Attention was called to this on the field edit ozalid.

Railroad tracks and sidings were verified and the number of tracks indicated. Corrections or additions were made where necessary. Attention is called to the four dolphins awash just north of the Pulaski Bridge. These dolphins were not visible on the photographs. They were located with an angle and distance from a photo point. Another photo point was used for an azimuth. Appropriate sketches and forms were made and accompany this report. The dolphins bare about 1.5 feet at MLW.

A submerged rock groin, dike or other obstruction was discovered in the vicinity of Lat. 41° 48.4', Long 72° 38.7'. It is not known what the obstruction is or what its purpose might be. It could be the shore end of an old pipeline or cable crossing, or a forgotten dream of the Corps of Engineers. It was visible on the color photos and was indicated thereon. Appropriate notes were made on the field edit ozalid.

There are two public boat launching ramps on this map. One of them was office identified and compiled, the other was not. It is on the west bank of the river, just south of the Bissell Bridge. It was noted on the field edit ozalid and cross-referenced to the appropriate photograph.

The Bissell Bridge is a toll bridge.

54. RECOMMENDATIONS

It is recommended, that, on future projects of a nature similiar to this one and in areas of heavy deciduous vegetation, the photography for the MHWL be flown in late winter or early spring before the foliage is on. This will assure a more accurate and much easier delineation of the MHWL.

55. EXAMINATION OF PROOF COPY

Mr. Earl E. Maxfield, a senior river pilot of the Connecticut River, will be happy to examine a proof copy of the map. Mr. Maxfield's address is:
1 Roberts Street, Saybrook, Connecticut.

56. LANDMARKS AND NON-FLOATING AIDS FOR NAVIGATION

There are four nautical landmarks within the limits of this map. All of them were office identified and compiled. Only one of the transmission towers was recommended as a landmark, the others should be retained as chart features. The landmarks were verified and submitted on form 567.

There are no fixed aids to navigation on this sheet.
57. GEOGRAPHIC NAMES

Investigations of geographic names was limited to street names and highway numbers. There were no indications of any U. S. Alternate 5. There are no highway markers with this route number and interviews with local residents failed to identify it. Recommend that it be deleted as superfluous.

The name BULKELY FIXED Bridge is incorrectly spelled on the map manuscript. The correct spelling is: BULKLEY FIXED BRIDGE.

No other discrepancies were noted during field edit.

58. ROCKS AND SHOALS

There are no rocks worthy of mention on this map. There are numerous shoals and shallow areas within the limits of this sheet. Most of them were correctly delineated, although, in one or two cases the limits were extended somewhat by the field editor. One large shoal, just south of the Bissell Bridge was not mapped. It was indicated on the color photographs by a dashed line and outlined, approximately, on the field edit ozalid. The footings of the Bissell Bridge have also caused shallows. These, too, are visible on the photos and appropriate action was taken. A smaller shoal, in the approximate center of the sheet, was also overlooked. Many of the shoals and shallows bare or are awash at MLW. These areas were indicated on the field edit ozalid. Depths were given on various shoals where possible.

59. PHOTOGRAPHY

Photography consisted of black and white copies of color photography and, later, color photographs. Field edit notes were made entirely on the color photographs. The photography was good, but it does not appear that any effort was made to fly the photography at or near mean low water. Low water photography would have facilitated delineation of areas that bare or are awash at MLW.

60. DISPOSITION OF DATA

The field edit ozalid, field prints containing field edit information and the processed cranapaque office prints, along with all pertinent data were forwarded to the Atlantic Marine Center. The film ozalids, copies of form 567's and copies of form 526's were transmitted to the hydrographic field party. The original form 526's were transmitted to Geodesy.

Richard E. Kesselring
Surveying Technician

November 12, 1969
# Nonfloating Aids or Landmarks for Charts

**Atlantic Marine Center**  
Feb. 19, 1970

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 R. E. Smith.

* Allen L. Powell, Director, AMC

---

<table>
<thead>
<tr>
<th>State</th>
<th>Connecticut</th>
</tr>
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<tbody>
<tr>
<td>Charting Name</td>
<td>Description</td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
</tr>
<tr>
<td>HARTFORD</td>
<td>Transmission Tower, 4 legged red &amp; white, skeleton steel, ht. = 215 (235)</td>
</tr>
<tr>
<td>TOWER</td>
<td>Large red brick stack, ht. = 112 (160)</td>
</tr>
<tr>
<td>STACK</td>
<td>Northeasterly of two, sanitation incinerator, red brick, ht. = 180 (200)</td>
</tr>
<tr>
<td>TWIN STACKS</td>
<td>Southwesterly of two, sanitation incinerator, red brick, ht. = 180 (200)</td>
</tr>
</tbody>
</table>

* North of Chart 267

---

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-56, 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
NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Atlantic Marine Center Feb.16 1970

I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be charted (deleted from) the charts indicated.

The positions given have been checked after listing by

R. E. Smith

Allen L. Powell, Director, AMC

Chief of Party

<table>
<thead>
<tr>
<th>STATE</th>
<th>CONNECTICUT</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHARTING NAME</td>
<td>EAST HARTFORD</td>
</tr>
<tr>
<td>DESCRIPTION</td>
<td>Tower is of no value for landmark purpose</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>POSITION</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LATITUDE</td>
<td>41.46</td>
</tr>
<tr>
<td>LONGITUDE</td>
<td>72.38</td>
</tr>
<tr>
<td>Datum</td>
<td>N.A.</td>
</tr>
<tr>
<td>METHOD OF LOCATION AND SURVEY NO.</td>
<td>T13302</td>
</tr>
<tr>
<td>DATE</td>
<td>9/25/69</td>
</tr>
<tr>
<td>CHARTS AFFECTED</td>
<td>267</td>
</tr>
</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 reetermined, 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
REVIEW REPORT T-13302
SHORELINE
OCTOBER 1972

61. GENERAL STATEMENT
See summary, which is page 6 of the Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS
A visual comparison was made with T-9087, July, 1952, 1:10,000 scale. Discrepancies are noted on the comparison sheet in blue.

The shoreline of these surveys is superseded by T-13302 for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES
A visual comparison was made with U.S.G.S. Hartford North, CT, 1:24,000 scale quadrangle, edition of 1964. Discrepancies are noted on the comparison print in brown.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS
Comparison was made with boat sheet H-9086 Boat Sheet 475, 10-8-69, 1:10,000 scale. The source of the shoreline appears to be the incomplete manuscript of T-13302.

No significant differences between the boat sheet and survey T-13302 were noted.

65. COMPARISON WITH NAUTICAL CHARTS
Comparison was made with Chart 267, Conn. River, Bodkin Rock to Hartford, 6th edition dated March 25, 1972, 1:20,000 scale.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS
This survey complies with project instructions and meets the National Standards of Map Accuracy.
Submitted by:

Bernard Murs
Cartographer

Approved for forwarding:

Melvin J. Umback, CDR, NOAA
Chief, Coastal Mapping Div., AMC

Approved:

Alfred C. Holmes
RADM, NOAA
Director, AMC

Approved:

Chief, Photogrammetric Branch

Chief, Coastal Mapping Division
Limit of Hydro is Bulkeley Fixed Bridge.
### 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.

### CHART | DATE | CARTOGRAPHER | REMARKS
--- | --- | --- | ---
267 | 2-27-75 | [Signature] | Full Part Before After Verification Review Inspection Signed Via Drawing No. 23. CONSIDER ADEQUATELY APPLIED.
(12377) | | | 

Full Part Before After Verification Review Inspection Signed Via Drawing No.

Full Part Before After Verification Review Inspection Signed Via Drawing No.

Full Part Before After Verification Review Inspection Signed Via Drawing No.

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