### DESCRIPTIVE REPORT

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>Shoreline (Photogrammetric)</th>
</tr>
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<tbody>
<tr>
<td>Job No.</td>
<td>RU-69-5</td>
</tr>
<tr>
<td>Map No.</td>
<td>T-13311</td>
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<tr>
<td>Classification No.</td>
<td></td>
</tr>
<tr>
<td>Edition No.</td>
<td>2</td>
</tr>
<tr>
<td>Field Edited Map</td>
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</table>

### LOCALITY

- State: Connecticut
- General Locality: Connecticut River
- Locality: Hadlyme

**1968 TO 1969**

### REGISTRY IN ARCHIVES

**DATE**

---

*U.S. GOVERNMENT PRINTING OFFICE: 1975-780-523*
DESCRIPTIVE REPORT - DATA RECORD

T-13311

PROJECT NO. (III):
PH-6815

FIELD OFFICE (III):
None

CHIEF OF PARTY

PHOTOGRAHMNETIC OFFICE (III):
Atlantic Marine Center, Norfolk, VA

OFFICER-IN-CHARGE
Alfred C. Holmes, Director

INSTRUCTIONS DATED (III) (IV):
Aerotriangulation and Compilation - Dec. 4, 1968
Office - Amendment I - Jan. 14, 1969

METHOD OF COMPILATION (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):
Gravel, 1934

LAT.: 41°24'43.868" 1353.3m
LONG.: 72°25'24.218" 562.5m

PLANE COORDINATES (IV):
\( y = 211,077.69 \) FT.  \( x = 689,591.17 \) FT.

STATE
Connecticut

ZONE

ADJUSTED

UNADJUSTED

AN 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-13311

FIELD INSPECTION BY (II):
None

DATE:

MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION):

Air Photo Compilation - Oct. 1, 1968
Date of Photography

REFER TO FIELD EDIT REPORT (PAGE 18, HEADING 52)

PROJECTION AND GRIDS RULED BY (IV):

A. Bethea

DATE
Nov. 22, 1968

PROJECTION AND GRIDS CHECKED BY (IV):

L. Van Scoy

DATE
Nov. 26, 1968

CONTROL PLOTTED BY (III):

Aerotriangulation - J. Minton
Triangulation - A.C. Rauck, Jr.

DATE
Feb. 26, 1969
March 18, 1969

CONTROL CHECKED BY (III):

Aerotriangulation - J. Steinberg
Triangulation - C. Bishop

DATE
Feb. 26, 1969
March 18, 1969

RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III):

I.I. Saperstein

DATE
Jan. 16, 1969

STEREOSCOPIC INSTRUMENT COMPILATION (III):

PLANIMETRY
L.O. Neterer, Jr.
Reviewed By: A. Shands
Conours Inapplicable

DATE
4/14/69

MANUSCRIPT DELINEATED BY (III):

C.H. Bishop

DATE
4/29/69

SCRIBING BY (III):

Rockville Office

DATE
3/10/72

PHOTOGRAFMETRIC OFFICE REVIEW BY (III):

Compilation A.C. Rauck, Jr.
Field Edit E. J. Pate
Scribing and Stick Up F. Margiotta

DATE
5/13/69
6/20/70
7/24/72

REMARKS:

Field Edit By: R. E. Kesselring
DATE
9/19/69
**Type "E" Wild RC-8**

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<th>NUMBER</th>
<th>DATE</th>
<th>TIME</th>
<th>SCALE</th>
<th>STAGE OF TIDE</th>
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<td>Oct. 1, 1968</td>
<td>13:23</td>
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<td>68E(c)-7969-7971</td>
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<td>11:04</td>
<td>1:40,000</td>
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</table>

**Predicted TIDE (III)**

| REFERENCE STATION: | New London, Conn., State Pier |          | 2.6' | 3.1' |
| SUBORDINATE STATION: | Hadlyme, Conn. |          | 2.7' | 3.2' |

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

**DATE:** November, 1972

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<tr>
<th>NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):</th>
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<th>IDENTIFIED:</th>
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<td>8</td>
<td>6</td>
<td>4</td>
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<th>NUMBER OF BM(S) SEARCHED FOR (II):</th>
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<tbody>
<tr>
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<td>None</td>
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</tbody>
</table>

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

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

**REMARKS:**
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<th>Compilation Record</th>
<th>Completion Date</th>
<th>Remarks</th>
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<tr>
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<td>April, 1969</td>
<td>Superseded</td>
</tr>
<tr>
<td>Field Edit Applied Compilation Complete</td>
<td>June, 1970</td>
<td>SUPERSDED</td>
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<tr>
<td>Final Review</td>
<td>Nov. 1972</td>
<td>*SEE BELOW</td>
</tr>
</tbody>
</table>

* CHART MAINTENANCE PRINT (ADVANCE HANDSCHRIFT COPY) FORWARDED TO MARINE CHART DIVISION, JULY 17, 1970. SCRIBING AND STICK-UP COMPLETED 7/24/72.

CHART MAINTENANCE PRINT (FINAL REVIEWED COPY) FORWARDED TO ROCKVILLE OFFICE DEC. 15, 1972, TO CHARTS JULY 1974.
SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORT T-13311

Shoreline survey T-13311 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 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 prerecking of horizontal control for identification prior to the flying of photography.

Compilation was at 1:10,000 scale by Wild B-8 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

MAP T-13311

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°49′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 IBM readouts.

23. Accuracy 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.

Cronapque 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
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.
AERO Triangulation Sketch
CONN. RIVER, CONN.
JOB PH-5815
J.n. 1969

1:40,000 scale color photography
1:20,000 " Horizontal Control

1. S.P. Windsor RM 2, 1936
2. S.P. Hartford, Mrs. Sage's House Tower, 1891
3. S.P. Press Barn Bar, Front Range Lt. 1892
4. S.P. Rocky Mtn. 1835
5. S.P. McAlpine, 1934
7. S.P. Smith, 1862
8. S.P. Gravel, 1934
9. S.P. Cove, 1934
10. S.P. Saybrook, 2, 1948

68E(c) 7949

41°49'45"
72°28'30"

41°46'00" T-13302
72°28'30"

41°42'15" T-13303

41°38'30" T-13304

41°34'45"

68E(c) 8013

68E(c) 7963

68E(c) 8008

68E(c) 7961

10. 68E(c) 7974

41°31'00" T-13306
T-13307

41°27'15"

41°23'30"

122230" 72°30'00"

72°39'45"

72°33'15"

72°33'15" T-13308

72°33'15" T-13309

72°33'15" T-13310

72°33'15" T-13311
<table>
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<tr>
<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</th>
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<td>N.A. 1927 - FORWARD</td>
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<td>Gillette, 1934</td>
<td>Geo. Pos. Vol. 1, Pg. 144</td>
<td>41° 25' 23.627&quot;</td>
<td>72° 25' 42.761&quot;</td>
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<td>Gravel, 1934</td>
<td>&quot; &quot; Vol. 1, Pg. 144</td>
<td>41° 25' 43.868&quot;</td>
<td>72° 25' 24.218&quot;</td>
<td>562.5</td>
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<tr>
<td>Whale Bone Creek, Rear Range Light, 1897</td>
<td>&quot; &quot; Vol. 1, Pg. 145</td>
<td>41° 25' 04.134&quot;</td>
<td>72° 25' 37.747&quot;</td>
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<td>Whale Bone Creek, Front Range Light, 1897</td>
<td>&quot; &quot; Vol. 1, Pg. 145</td>
<td>41° 25' 01.461&quot;</td>
<td>72° 25' 36.673&quot;</td>
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<tr>
<td>St. John's School, Tower, 1934</td>
<td>Geo. Pos. Vol. 1, Pg. 144</td>
<td>41° 25' 50.602&quot;</td>
<td>72° 25' 57.687&quot;</td>
<td>1340.1</td>
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Computed by A.C. Rauck, Jr.  
R.R. White  
Jan. 30, 1969

Checked by CHB ACR  
Feb. 19, 1970

Date 3/18/69  
2/19/70
31. **DELINEATION**

Compilation was by Wild B-8. Some additions and corrections were made graphically when the sheet was inked.

The Wild B-8 models were at 1:40,000 scale and were compiled at 1:10,000 scale. Hydro support photography was at 1:20,000 scale, ratioed to 1:10,000. These photographs were used to check the Wild B-8 compilation when the map was inked.

32. **CONTROL**

Control was adequate. Refer to PHOTOGRAMMETRIC PLOT REPORT, Job PH-6815, Conn. River, Conn., dated January 16, 1969, specifically "Notes to Compiler".

33. **SUPPLEMENTAL DATA**

None

34. **CONTOURS AND DRAINAGE**

Contours are inapplicable.

Drainage was compiled from office inspection and stereoscopic examination of the 1:10,000 ratio photographs.

35. **SHORELINE AND ALONGSHORE DETAILS**

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

The low water line and grass in water was delineated from office interpretation of the 1:10,000 scale ratio prints taken near low water.
36. OFFSHORE DETAILS
None

37. LANDMARKS AND AIDS
Forms 567 for two landmarks and five fixed aids to navigation were submitted under date June 11, 1970.

38. CONTROL FOR FUTURE SURVEYS:
None

39. JUNCTIONS
Satisfactory junctions have been made with T-11782 (Project PH-6002) to the south and T-13310 to the west. There are no contemporary surveys to the north or east.

40. HORIZONTAL AND VERTICAL ACCURACY
No statement

41 through 45
Inapplicable

46. COMPARISON WITH EXISTING MAPS
Comparison was made with U.S.G.S. Quadrangle DEEP RIVER, CT, scale 1:24,000, dated 1961, reprinted 1964.

47. COMPARISON WITH NAUTICAL CHARTS
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None

ITEMS TO BE CARRIED FORWARD

None

Submitted:

Charles H. Bishop
Charles H. Bishop
Cartographer
May 12, 1969
May 12, 1969
June 11, 1970

Approved for forwarding:

Melvin J. Lembach, CDR
Chief, Coastal Mapping Division
Atlantic Marine Center

Approved:

Alfred C. Holmes
RADM, NOAA
Director, AMC
GEOGRAPHIC NAMES

FINAL NAME SHEETS

Ph-6815 (Conn.)

T-13311

Chester Creek

Connecticut River

Deep River

Deep River (Vg.)

Eustasia Island

Fort Hill

Hadlyme

Hemlock Valley Brook

Joshua Cr.

Lower Pond

Selden Creek

Selden Cove

Selden Neck

Steamboat Landing

Whalebone Creek

Approved:

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

Prepared by:

A. Joseph Wright
Chief Geographer
49. **NOTES FOR THE HYDROGRAPHER**

   Shoals and bars named on Chart 266 were not compiled on this manuscript; they could not be seen on the photographs.
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**Control Stations**

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<th>6. Recoverable Horizontal Stations of Less Than Third-Order Accuracy (Topographic stations)</th>
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**Bench Marks**

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**Alongshore Areas (Nautical Chart Data)**

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**Physical Features**

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**Cultural Features**

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**Cultural Features**

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**Boundaries**

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<th>32. Public Land Lines</th>
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**Miscellaneous**

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<th>33. Geographic Names</th>
<th>34. Junctions</th>
<th>35. Legibility of the Manuscript</th>
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**Discrepancy Overlay**

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**Reviewer**

A.C. Rauck, Jr. 5/13/69

**Supervisor, Review Section, or Unit**

Albert C. Rauck, Jr.

**Remarks (See attached sheet)**

**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**

R.E. Smith 6/11/70

**Reviewer**

R.J. Pate 6/20/70

**Field Edit Applied From:** Field Edit Ozalid, Field Ratio Photos. Nos. 68E(c)-8073 thru 8074, 68S-7627, 68E(c)-8072 thru 8073

**Note:** 68E-8074-68S-7627 are filed in Fed. Records Center with Job PH-6002 Data
52. ADEQUACY OF COMPILATION

Compilation was adequate. A major shoreline change was indicated at the northerly tip of Eustasia Island where the "grass in water" is actually apparent shoreline. Some additional "grass in water" areas were outlined on the photographs in this same area. Appropriate notes were made on the field edit ozalid. The foreshore along the southwesterly bank of Eustasia Island is filled with marsh grass, the offshore edge of which should be delineated as apparent shoreline. Additional shoreline changes were minor, attention was called to them on the field edit ozalid and cross references made to the appropriate photograph.

The lake or basin from which Whalebone Creek flows should have the channels delineated and the "grass in water" shown as marsh with apparent shoreline. The "marsh" and "grass in water" in the westerly portion of Selden Cove are actually lily pads.

The majority of the piers on this map are floating and are removed during the winter months. The major piers should be retained as they are replaced in the same positions every spring. The numerous small temporary piers, to which attention was called on the field edit ozalid, in the Chester Creek area should not be mapped. Perhaps a note could be made calling attention to them.

The Chester-Hadlyme ferry operates from April 1st thru November 30th, from 7:00 a.m. to 9:00 p.m. daily.

Swamp and marsh area limits were verified or corrected throughout the map. A submerged cable crossing, just upstream of the Chester-Hadlyme ferry landing was not mapped. It was indicated on the field edit ozalid.

The New York, New Haven and Hartford Railroad, labeled as "abandoned" has been taken over by the State of Connecticut for future development. See the field edit report for T-11782 for further discussion of this subject.

54. RECOMMENDATIONS

None.

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 two recommended nautical landmarks on this map. St. John's School Tower is triangulation and was dealt with accordingly. The other is a flagpole, at the Patteconk Yacht Club, which was not compiled. It was circled on the appropriate photograph, indicated on the field edit ozalid, indexed on form 152 and submitted on form 567.

Gillettes Castle is recommended as a landmark building instead of "TOWER" as it was formerly charted.
There are five fixed aids within the limits of this map. Four of them were compiled, the fifth, Chester Creek Light, a private aid, was put into operation at a more recent date, see Local Notice to Mariners No. 30, June 26, 1969 - Third Coast Guard District. The light is on a dolphin that was extant at the time of photography. It was labeled on the photograph and attention called to it on the field edit ozalid. Appropriate forms were made up for it.

57. GEOGRAPHIC NAMES

All highway numbers, street and road names were verified. No discrepancies were noted in any of the names on this map.

58. ROCKS, REEFS AND SHOALS

There is only one important rock on this map. It was compiled as a "rock awash" but it is actually the base of an old fixed aid to navigation named Chester Rock Light. The light has been razed but the concrete base remains, it bares approximately six feet at MLW. The actual shape of the base should be delineated and, perhaps, the rock could be named Chester Rock. It is a well known local landmark.

There are two rocks awash at Lat. 41° 24.2', Long. 72° 25.3' where one rock is compiled. It appears that the compiled rock is not the rock furthest offshore, the suspect rock was indicated on field photo 6882073 and noted on the field edit ozalid.

The object compiled as a "rock awash" in Selden Cove is actually a tree stump that bares about 3.0 feet at MHW. It does not appear to be permanent. Although it was still extant at the time of field edit, its value for charting is doubtful as the next spring freshet could wash it away or move it to another location.

There are no other rocks on this map worth mentioning.

There is a rock reef at Lat. 41° 24.2', Long 72° 25.5' that is awash at MLW. It is visible on color photo 6838074(c) and was outlined thereon. It was also developed by the hydrographer during the 1969 hydrography, boat sheet 745-10-4-69. This reef might have been a sandbar structure at time but it bears no resemblance to one now.

A noteworthy shoal lies in the southerly portion of this map just upstream of Dustees Island. The downstream portion of this shoal is awash at MLW and was compiled as a "sandbar". The remainder of the shoal, which ends at the reef mentioned in the preceding paragraph, has two to three feet of water at MLW. This shoal is easily visible on the color photographs. It was developed by the hydrographer during the 1969 hydrography.

59. PHOTOGRAPHY

Photography consisted of 1:10,000 ratio black and white copies of color photography, later supplemented by the color photographs. Most of the field edit was done on the black and white matte finish prints, but the reefs and shoals mentioned under the proceeding heading were done on the color photographs.
60. DISPOSITION OF DATA

The field edit ozalid, field prints containing field edit information and the processed cronapaque 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

September 19, 1969
NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
TO BE REMOVED

Atlantic Marine Center  June 5  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,

<table>
<thead>
<tr>
<th>STATE</th>
<th>CONNECTICUT</th>
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<tr>
<td>CHARTING NAME</td>
<td>DESCRIPTION</td>
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<td>LONG ISLAND SOUND CONNECTICUT RIVER</td>
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</tr>
<tr>
<td>LIGHT 38</td>
<td>Whalebone Creek Range Front (Whalebone Creek Front Range Light 1897)</td>
</tr>
<tr>
<td>LIGHT 38</td>
<td>Whalebone Creek Range Rear (Whalebone Creek Rear Range Light 1897)</td>
</tr>
<tr>
<td>DAYBEACON</td>
<td>Selden Neck (No. 210 Use) 1954</td>
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<tr>
<td>LIGHT 38A</td>
<td>Hadlyme</td>
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<tr>
<td>LIGHT</td>
<td>Chester Creek (Priv. maintd.)</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.
## NORTHERN AID OR LANDMARKS FOR CHARTS

Atlantic Marine Center  
June 5, 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
Chief of Party

<table>
<thead>
<tr>
<th>STATE</th>
<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 NO.</th>
<th>DATE OF LOCATION</th>
<th>CHARTCS AFFECTED</th>
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</thead>
<tbody>
<tr>
<td>CONNECTICUT</td>
<td>CONNECTICUT RIVER</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>TOWER</td>
<td>Bronze dome with cross on large brown stone building</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(St. John’s School Tower 1934) ht=115(253)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td>FLAGPOLE</td>
<td>White flagpole at Pattaconk Yacht Club, ht=55(65)</td>
<td></td>
<td></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 determined, 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.
NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Atlantic Marine Center

June 5, 1970

I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be (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>
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<tbody>
<tr>
<td>CHARTING NAME</td>
<td>DESCRIPTION</td>
</tr>
<tr>
<td>CONNECTICUT RIVER</td>
<td>Entire building more valuable than tower</td>
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<tr>
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<td>41 25.3</td>
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LATITUDES | LONGITUDES | DATUM | METHOD OF LOCATION AND SURVEY NO. | DATE OF LOCATION |
<table>
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<td>1</td>
<td>D.M. Meters</td>
<td>I</td>
<td>D.P. Meters</td>
<td>1927</td>
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</table>

CHARTS AFFECTED: 2bb

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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

R. E. Smith
REVIEW REPORT T-13311

SHORELINE

NOVEMBER, 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-9092 and T-9093 dated July, 1952, at 1:10,000 scale. Discrepancies are noted on the comparison sheet in blue.

The shoreline of these surveys is superseded by T-13311 for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

A visual comparison was made with U.S.G.S. Deep River, CT, 1961 Edition, 1:24,000 scale quadrangle. Discrepancies are noted on the comparison print in brown.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Comparison was made with boat sheet H-9050 10/6/69, 1:10,000 scale and boat sheet H-9051 10/4/69 1:10,000 scale. The source of the shoreline appears to be the incomplete manuscript of T-13311. All differences are noted on the comparison sheet in purple.

65. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Chart 266, Deep River to Bodkin Rock 6th Edition dated March 25, 1972, 1:20,000 scale. Differences are noted in red on the comparison sheet.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

This survey complies with project instructions and appears to meet the National Standards of Map Accuracy.

Submitted by:

Bernard Kurs
Cartographer
Approved for forwarding:

Melvin J. Mebach, CDR
Chief, Coastal Mapping Division
Atlantic Marine Center

Approved:

Alfred C. Holmes
RADM, NOAA
Director, AMC

Approved:

James A. Tourn
Chief, Photogrammetric Branch

Wesley W. Hufn
Chief, Coastal Mapping Division
Brown - USGS
Red - Chart 266
Blue - T-9092 Reg.
T-9093 "
Purple - Boat Sheet H-9050
H-9051
**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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<tr>
<td>266</td>
<td>11-21-74</td>
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<td>(12372)</td>
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<th>CARTOGRAPHER</th>
<th>REMARKS</th>
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<tr>
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<td>Chris Neely</td>
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