

13310

13310

NOAA FORM 76-35

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEY

## DESCRIPTIVE REPORT

Type of Survey *Shoreline (Photogrammetric)*Job No. *PH-6815* ..... Map No. *T-13310* .....Classification No. ..... Edition No. *4* .....

FIELD EDITED MAP

## LOCALITY

State *Connecticut* .....General Locality *Connecticut River* .....Locality *Chester* .....

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1968 TO 1969

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## REGISTRY IN ARCHIVES

DATE .....

DESCRIPTIVE REPORT - DATA RECORD  
T-13310

①

## PROJECT NO. (II):

PH-6815

## FIELD OFFICE (II):

None

## CHIEF OF PARTY

## PHOTOGRAMMETRIC OFFICE (III):

Atlantic Marine Center, Norfolk, VA

## OFFICER-IN-CHARGE

Alfred C. Holmes, Director

## INSTRUCTIONS DATED (II) (III):

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

## VERTICAL DATUM (III):

MEAN ~~SEA LEVEL~~ <sup>HIGHWATER</sup> EXCEPT AS FOLLOWS:

Elevations shown as (25) refer to mean high water

Elevations shown as (5) refer to sounding datum

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

## REFERENCE STATION (III):

Story, 1934

## LAT.:

41°24'32.588" 1005.3m

## LONG.:

72°26'56.801" 1319.3m

☒ ADJUSTED☐ UNADJUSTED

## PLANE COORDINATES (IV):

Y = 209,910.42 FT.

X = 682,540.62 FT.

## STATE

Connecticut

## ZONE

ROMAN NUMERALS INDICATE WHETHER THE ITEM IS TO BE ENTERED BY (II) FIELD PARTY, (III) PHOTOGRAMMETRIC OFFICE,  
OR (IV) WASHINGTON OFFICE.

WHEN ENTERING NAMES OF PERSONNEL ON THIS RECORD GIVE THE SURNAME AND INITIALS, NOT INITIALS ONLY.

## DESCRIPTIVE REPORT - DATA RECORD

(2)

T-13310

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 THE 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):		DATE
PLANIMETRY L.O. Neterer, Jr.		4/18/69
Reviewed By: A. Shands & A.C. Rauck		4/18/69
CONTOURS  Inapplicable		DATE
MANUSCRIPT DELINEATED BY (III): C. Bishop		DATE 5/8/69
SCRIBING BY (III): Rockville Office		DATE
PHOTOGRAMMETRIC OFFICE REVIEW BY (III):		DATE
Compilation A.C. Rauck, Jr.		May 12, 1969
Field Edit R.E. Smith		6/2/70
Scribing and Stick Up F. Margiotta		7/24/72
REMARKS:  Field Edit By: Richard E. Kesselring DATE Sept. 26, 1969		

## DESCRIPTIVE REPORT - DATA RECORD

③

T-13310

CAMERA (KIND OR SOURCE) (III):

Type "E" Wild RC-8

## PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
68E(c)-7968-7970	Oct. 1, 1968	11:04	1:40,000	1.1' Above M.L.W.
68E(c)-8071-8073	"	13:22	1:20,000	0.4' " "

## Predicted TIDE (III)

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: New London, Conn., State Pier		2.6'	3.1'
COORDINATE STATION: Hadlyme, Conn.		2.7'	3.2'
SUBORDINATE STATION:			

WASHINGTON OFFICE REVIEW BY (IV):

Bernard Kurs

DATE:

November, 1972

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):

4

RECOVERED:

4

IDENTIFIED:

1

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

None

RECOVERED:

None

IDENTIFIED

None

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):

None

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):

None

REMARKS:



T-13310

COMPILATION RECORD	COMPLETION DATE	REMARKS
Compilation Complete Pending Field Edit	May 1969	Superseded
Field Edit Applied Compilation Complete	April, 1970	<del>SUPERSEDED</del> X SEE BELOW
Final Review	Nov. 1972	

X CHART MAINTENANCE PRINT (ADVANCE MANUSCRIPT 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 MARINE CHARTS, JULY 1974.



# OFFICIAL MILEAGE FOR COST ACCOUNTS

Sheet No.

Area Sq. Miles

T-13302	2
T-13303	3
T-13304	4
T-13305	3
T-13306	2
T-13307	3
T-13308	2
T-13309	2
T-13310	1
T-13311	2
<b>TOTAL</b>	<b>24</b>



JOB PH-6815  
Connecticut River, Conn.  
CHART TOPOGRAPHY  
SCALE 110,000

SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORT T-13310

Shoreline survey T-13310 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 premarking of horizontal control. ~~For identification prior to the flying of photography.~~

Compilation was at 1:10,000 scale by <sup>Stereo</sup> 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 - 13310

Project PH-6815

There was no field inspection prior to Compilation.



(8)

Photogrammetric Plot Report  
Job H-5815  
Conn. River, Conn.

January 16, 1969

21. Area Covered

This report covers the Connecticut River, Connecticut, from latitudes  $41^{\circ}23'30''$  to  $41^{\circ}49'45''$  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 aerotriangulation 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. 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.

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

Respectfully submitted,

/s/  
I. I. Saperstein

Approved and forwarded,

/s/  
Chief, Aerotriangulation Section

Connecticut River, Connecticut  
Job PH-6815

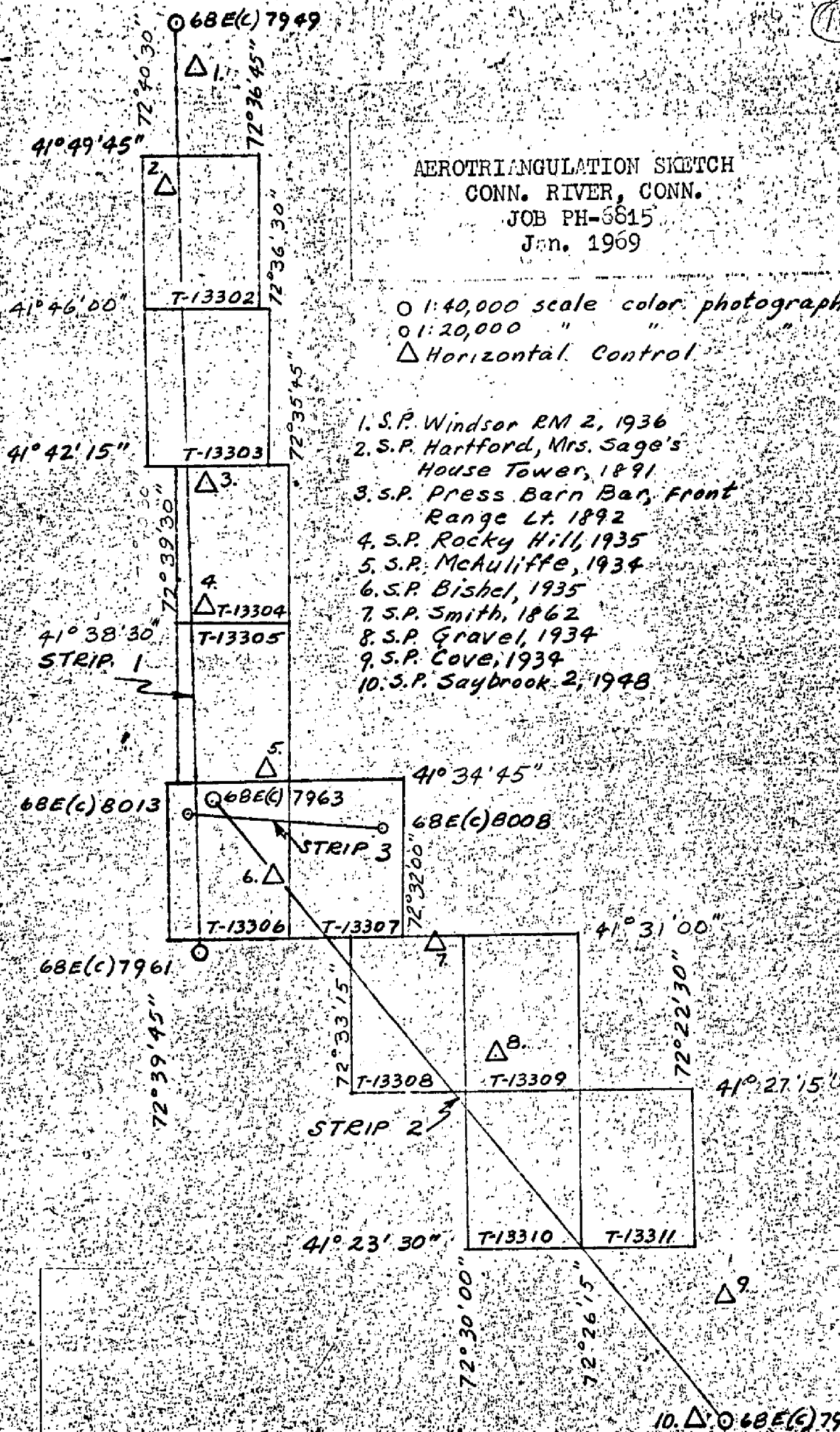
Notes to Compiler

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.

AEROTRIANGULATION SKETCH  
CONN. RIVER, CONN.  
JOB PH-6815  
Jan. 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 Hill, 1935
5. S.P. McAuliffe, 1934
6. S.P. Bishel, 1935
7. S.P. Smith, 1862
8. S.P. Gravel, 1934
9. S.P. Cove, 1934
10. S.P. Saybrook 2, 1948





# DESCRIPTIVE REPORT CONTROL RECORD

MAP T- 13310

PROJECT NO. PH-6815

SCALE OF MAP 1:10,000

SCALE FACTOR None[illegible]



COMPILATION REPORT  
MAP MANUSCRIPT T-13310  
PROJECT PH-6815

31. DELINEATION

Compilation was by ~~Wild B-8~~ <sup>Stereo-plotter</sup> at 1:10,000 scale, using 1:40,000 scale models. The map was checked with 1:10,000 ratio photographs from 1:20,000 photography. Additions and corrections were made graphically.

32. CONTROL

Control was adequate. Refer to PHOTOGRAMMETRIC PLOT REPORT dated January 16, 1969, specifically "Notes to Compiler".

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

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

35. SHORELINE AND ALONGSHORE DETAILS

The mean high water line was compiled from office interpretation on the ~~Wild B-8~~ <sup>Stereo-plotter</sup>, and refined graphically with 1:10,000 scale 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 the required accuracy.

The low water line and grass in water was compiled from office interpretation of the 1:10,000 scale ratio photographs taken near low water.

36. OFFSHORE DETAILS

None

37. LANDMARKS AND AIDS

Forms 567 were submitted for two landmarks and one fixed aid to navigation under date:

June 11, 1970

38. CONTROL FOR FUTURE SURVEYS

None

39. JUNCTIONS

Satisfactory junctions have been made with T-13311 to the east and T-13309 to the north. There are no contemporary surveys to the south or west.

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

Comparison was made with Chart 266, scale 1:24,000, 4th Edition, dated January 15, 1968.



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~~

June 11, 1970

Approved for forwarding:

*Melvin J. Umbach*  
Melvin J. Umbach, CDR, NOAA  
Chief, Coastal Mapping Division, AMC

Approved:

*Alfred C. Holmes*  
Alfred C. Holmes  
RADM, NOAA  
Director, AMC

OCT 4 1972

GEOGRAPHIC NAMES

FINAL NAME SHEETS

Ph-6815 (Conn.)

T-13310

Camp Bethel

Chapman Pond

Chester

Chester Creek

Clark Creek

Connecticut River

Deep River

Deep River (Vg.)

East Haddam<sup>2m</sup>

Eddy Rock

Goodspeeds Landing

Kings Highway

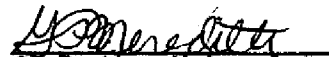
Lord Island

Middletown Yacht Club

Rich Island

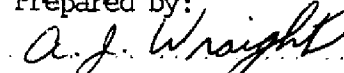
Succor Brook

Approved:



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

Prepared by:



A. Joseph Wraight  
Chief Geographer



T-13310

49. NOTES FOR THE HYDROGRAPHER

Eddy Rock Shoal was not visible on the photographs and was not compiled.

## PHOTOGRAMMETRIC OFFICE REVIEW

T- 13310

1. PROJECTION AND GRIDS CHB	2. TITLE CHB	3. MANUSCRIPT NUMBERS CHB	4. MANUSCRIPT SIZE ACR
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY ACR	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) ACR		7. PHOTO HYDRO STATIONS ACR
8. BENCH MARKS ACR	9. PLOTTING OF SEXTANT FIXES ACR	10. PHOTOGRAMMETRIC PLOT REPORT ACR	11. DETAIL POINTS ACR
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE ACR	13. LOW-WATER LINE ACR	14. ROCKS, SHOALS, ETC. ACR	15. BRIDGES ACR
16. AIDS TO NAVIGATION ACR	17. LANDMARKS ACR	18. OTHER ALONGSHORE PHYSICAL FEATURES ACR	19. OTHER ALONGSHORE CULTURAL FEATURES ACR
PHYSICAL FEATURES			
20. WATER FEATURES ACR	21. NATURAL GROUND COVER ACR		22. PLANETABLE CONTOURS XX
23. STEREOSCOPIC INSTRUMENT CONTOURS XX	24. CONTOURS IN GENERAL XX	25. SPOT ELEVATIONS XX	26. OTHER PHYSICAL FEATURES ACR
CULTURAL FEATURES			
27. ROADS ACR	28. BUILDINGS ACR	29. RAILROADS ACR	30. OTHER CULTURAL FEATURES ACR
BOUNDARIES			
31. BOUNDARY LINES XX		32. PUBLIC LAND LINES XX	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES ACR	34. JUNCTIONS ACR		35. LEGIBILITY OF THE MANUSCRIPT ACR
36. DISCREPANCY OVERLAY ACR	37. DESCRIPTIVE REPORT ACR	38. FIELD INSPECTION PHOTOGRAPHS RJP	39. FORMS RJP
40. REVIEWER Albert C. Rauck, Jr.		DATE 5/12/69	SUPERVISOR, REVIEW SECTION OR UNIT Albert C. Rauck, Jr.
41. REMARKS (See attached sheet)			
FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT			
42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.			
COMPILER A.C. Rauck, Jr.		SUPERVISOR Albert C. Rauck, Jr.	
Reviewer: R.E. Smith		April 7, 1970 6/2/70	
43. REMARKS			

Field Edit Applied From:- Field Edit Ozalid and The Following Color Ratio Prints:- 68E(c)-8070 thru 8074

(18)

FIELD EDIT REPORT  
CONNECTICUT RIVER, CONN.  
JOB PH-6815  
MAP T-13310

52. ADEQUACY OF COMPILATION

Compilation was adequate. Shoreline changes were minor and were dealt with in the prescribed manner. One or two measurements were made to the MHWL on the northeasterly side of Rich Island. A fairly extensive swamp was overlooked south-east of Chapman Pond. Several small piers were not mapped in the area just upstream of Clark Creek. These were located on the appropriate color photo and noted with cross-references, on the field edit ozalid.

Eight piling and a small pier were not mapped in a small basin at Lat.  $41^{\circ} 23.7'$ , Long  $72^{\circ} 26.4'$ . A sketch of the area was made and one of the piling and the pier were indicated on the color photographs. The sketch is enclosed with this report.

The "grass in water" in Chapman Pond is the same as that in Salmon Cove. Please see the field edit report for T-13309 for a discussion on this grass.

Two dolphins, a pier ruins, a wood bulkhead in ruins and a wooden bulkhead were overlooked just downstream of Goodspeeds Landing. They were labeled on the color photographs and noted on the field edit ozalid.

The section of the N.Y., N.H. & H. Railroad on this map is abandoned. See the field edit report for T-11782.

54. RECOMMENDATIONS

It is recommended, that, on future projects of a nature similar 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 two recommended landmarks on this map. One, Goodspeeds Turret, 1934, is triangulation. The other, a flagpole at the Middletown Yacht Club was not compiled. Both were indexed on form 152 and submitted on form 567. The flagpole was indicated on color photograph 68E8072(c).

The building on which "West Turret" is situated is class I and should be retained on the chart.

There is only one fixed aid within the limits of this sheet. It is Eddy Rock Light number 41. The light is triangulation. It was verified and submitted on form 567.

57. GEOGRAPHIC NAMES

The airstrip at East Haddam is owned by an organization called the FLYING "B". They are no longer in operation and the airstrip is private. Recommend that no name be mapped for this field.

The road mapped as Connecticut Route 9 is Connecticut 9A. Connecticut 9 is a new, four lane, divided highway to the west.

No other discrepancies were noted in the names on this map.

#### 58. ROCKS AND SHOALS

No important rocks were found in the area covered by this map. One rock submerged 2.0 feet at MHW was found in channel leading to Chapman Cove.

There are no proper shoals on this sheet. A fairly large area that is awash at MLW was found just upstream of the bridge near the northern limits of the map. It was indicated by a dashed line on the color photograph and outlined, approximately, on the field edit ozalid. Appropriate notes and cross references were made.

There is a small area awash at MLW in the entrance of the channel to Chapman Cove. Two other "awash" areas are to be found, one at the mouth of Clark Creek and the other at the head of Rich Island. See the field edit ozalid and color photographs for notes pertaining to these areas.

#### 59. PHOTOGRAPHY

Photography consisted of black and white copies of color photography and color photographs. The color photography was utilized exclusively for the field edit. Shadows and overhanging tree limbs caused some difficulty in a few areas, but the photography was generally good and allowed ready discernment of small details.

#### 60. DISPOSITION OF DATA

The field edit ozalid, field prints containing field edit information and the processed cronapague 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*  
Richard E. Kesselring  
Surveying Technician

September 26, 1969







## NONFLOATING AIDS OR LANDMARKS FOR CHARTS

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

STRIKE OUT TWO

Atlantic Marine Center  
June 1, 1970

I recommend that the following objects which have ~~been~~ <sup>not</sup> been inspected from seaward to determine their value as landmarks be charted on ~~charts~~ <sup>from</sup> the charts indicated.

The positions given have been checked after listing by

Albert C. Rauck, Jr.

Allen L. Powell, Director, AMQef of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

**STRIKE OUT TWO**

# NON-OPTELING AIDS ARE LANDMARKS FOR CHARTS

Atlantic Marine Center

1970

I recommend that the following objects which have ~~these~~ <sup>not</sup> been inspected from seaward to determine their value as landmarks be ~~recharted~~ <sup>deleted from</sup> the charts indicated.

The positions given have been checked after listing by

Albert C. Rauck, Jr.  
Albert C. Rauck, Jr.

Mr. J. Allen L. Powell, Director, AMC (Chief of Party).

Allen L. Powell, Director, AMC *Chief of Party.*

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

\* TABULATE SECONDS AND METERS

## REVIEW REPORT T-13310

## 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, July, 1952, at 1:10,000 scale. Discrepancies are noted on the comparison print in blue.

The shoreline of these surveys is superseded by T-13310 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, 1:24,000 scale dated 1961. Discrepancies are noted on the comparison sheet 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

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

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

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

Submitted by:

*Bernard Kurs*

Bernard Kurs  
Cartographer

Approved for forwarding:

*Melvin J. Unbach*  
Melvin J. Unbach, CDR, NOAA  
Chief, Coastal Mapping Div., AMC

Approved:

*Alfred C. Holmes*  
Alfred C. Holmes  
RADM, NOAA  
Director, AMC

Approved:

*Charles L. Hemm*  
Chief, Photogrammetric Branch, AMC

*Wesley V. Hull*  
Chief, Coastal Mapping Division



Brown- USGS  
Red- Chart 266  
Blue- T- 9092 Reg.  
Purple- Boat Sheet H-9050  
H-9051

25

29  
x=675,000 FT.

28'30"

4°27'15"

Camp Bethel

27'

72°28'

GOODSPEED  
W TURRET  
H=108 (120)

Goodspeed  
Landing

TURRET 1934

Succor Brook

East Ha

26'30"

Creek

C  
O  
N  
T

68-EC-8071

27'30"

Air Strip



27'30"

27°27'

26

26'30"

26'30"

26'15"  $y=220,000$

41°26'

26'30"

25'30"

$y=215$

Brown- USGS  
Red- Chart 266  
Blue- T-9092 Reg.  
Purple- Boat Sheet H-9050  
H-9051

68-E(C)-8072

ROCK LIGHT 1934

Eddy Rock

E C T I C U T

R

I

V

E

R

Rich Island

Lord Island

Chapman Pond

Middletown Yacht Club

FRANCIS 1934

FLAGPOLE  
1969 nt=43 (53)

Pool

Blind

Spinn

Piers

Marina

(4)

Grain

away M/W

Railroad

Band

Marina

Grain

away M/W

Railroad

Band

Marina

Grain

away M/W

Railroad

Band

Marina

Grain

away M/W

Railroad

Band

Marina

Grain

away M/W

Railroad

Band

Marina

Grain

away M/W

Railroad

Band

Marina

Grain

away M/W

Railroad

Band

Marina

Grain

away M/W

Railroad

Band

Marina

Grain

away M/W

Railroad

Band

Marina

Grain

away M/W

Railroad

Band



[illegible]