

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY
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REG. NO. 6117

TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. "B"

REGISTER NO. 6117

State Rhode Island

General locality Narragansett Bay

Locality Newport Harbor *Largo*

Scale 1:5,000 Date of survey September, 19 34

~~Vessel~~ Field Party No. 5

Chief of party Lieut. Wm. D. Patterson, U.S.C. & G.S.

Surveyed by Lieut. (j.g.) G.E. Morris, Jr., U.S.C. & G.S.

Inked by Charles R. Smith

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated May 14, 1934; Supplemental Instructions dated July 11 & 31, 19 34

Remarks: _____

DESCRIPTIVE REPORT TO ACCOMPANY
TOPOGRAPHIC SHEET "B" (Field Letter)

NEWPORT HARBOR, NEWPORT, R. I.

1934

Project HT-179, Lieut. Wm. D. Patterson, Chief of Party.

DATE OF INSTRUCTIONS

Director's Instructions dated May 14, 1934; Supplemental
Instructions July 11 & 31, 1934; Letter dated August 9, 1934.

GENERAL DESCRIPTION

Fort Adams is on the point of land lying between Brenton Cove and Eastern Passage of the entrance to Narragansett Bay. The land rises abruptly from the water on its western side and is bulkheaded on its northern end and on its eastern side to a short distance south of south dock. The old stone fort is prominent.

The southeastern shore of Brenton Cove is divided into private estates and the large dwellings are prominent.

The old Ida Lewis Lighthouse on Ida Lewis Rocks is now the Ida Lewis Yacht Club and is connected with Rhode Island by a narrow wooden bridge.

The waterfront near King Park is bulkheaded except for a short section of sand beach near the bath house.

The Newport waterfront between latitude $41^{\circ} 28'.8$ and $41^{\circ} 29'.5$ is built up with wooden docks. A tall stack and several church spires are prominent. North of latitude $41^{\circ} 29'.5$ the waterfront is bulkheaded with several small wooden docks.

Goat Island is bulkheaded with several docks on the eastern side about the center of the island. The buildings of the Torpedo Station are prominent. A masonry breakwater connects Newport Harbor Lighthouse to Goat Island.

LANDMARKS

A separate report covering landmarks for this area is being made.

DATUM

The sheet is projected on North American 1927 datum which was obtained by applying a correction of (-) 12.4 meters in latitude and (+) 3.7 meters in longitude to all triangulation stations on the old North American datum. This connection was obtained in this vicinity by the new triangulation connection with the old work.

CHARACTER OF CONTROL

Enough triangulation stations were recovered to make it unnecessary to run traverse.

The positions of the following triangulation stations were obtained after the field work had been completed: -

Rose Island Aero Light 1934
Fort Greene 1934
Goat Island North 1934
City Hall Dome 1934
Trinity Church Spire 1934
Channing Memorial Spire 1934
St. Mary's Church Spire 1934
Goat Island South 1934
Goat Island Shoal Light 1934
Fort Adams Light 1934
Ida Lewis Light 1934
Tall Stack, Waterfront 1932

These stations have been plotted on the sheet.

CHANGES

The dock layout at Goat Island has been changed since the last survey. Another change is planned for the small docks extending to the south from the bulkhead of East Dock. The east and west landing stage is to be removed and the three westerly docks extended north to the bulkhead.

Ida Lewis Lighthouse on the westerly of the two Ida Lewis Rocks has been converted into the Ida Lewis Yacht Club and is connected with Newport by a narrow wooden bridge. A lighted beacon on a fabricated steel tower has been established just to the north of the building (triangulation station Ida Lewis Light 1934).

LOW WATER LINE

Low water line where shown was rodded at low water. Advantage was taken of the high tides by the hydrographic party to obtain the low water line and for that reason additional time

LOW WATER LINE (continued)

was not taken by the topographer to rod the mean low water line. The low water line should be transferred from the hydrographic sheet for this area.

Most of the shoreline on this sheet is bulkheaded with masonry or concrete bulkheads. The bulkhead forms the high water line. Where the character of the beach bare at low water is not shown by symbol, notes have been added to the sheet.

BLUE PRINTS

(Sp. 28060 - Parts 1+2)

A blue print in two sections of Fort Adams is being forwarded under separate cover. This blue print was obtained after the completion of field work and could not be checked in the field.

STATISTICS

Area in square statute miles 4.75

Shore and dock line in statute miles 9.9

Respectfully submitted,

George E. Morris, Jr.
George E. Morris, Jr.,
Lieutenant (j.g.)

Approved:

Wm. D. Patterson
Wm. D. Patterson, Lieut.,
Chief of Field Party No. 5.

To: Mr. Bacon
From L. S. S.

GEOGRAPHIC NAMES
RHODE ISLAND

Survey No. T 6117

Date. Dec. 4, 1934

Chart No. 1210

Diagram No. 1210-2

*Names underlined in red approved Dec 7, 1934
H. Bacon*

- * Approved by the Division of Geographic Names, Department of Interior.
- Ø, Not Approved by the Division of Geographic Names, Department of Interior.
- R, Referred to the Division of Geographic Names, Department of Interior.

Status	Name on Survey	Name on Chart	New Names in local use	Names assigned by Field	Location
	<u>Fort Adams</u>	✓ Same			
	<u>Brenton Cove</u>	✓ "			
	The Neck No	✓ <u>Newport Neck</u> Official Gazetteer of R.I.			
	<u>Newport</u>	✓ "			
	<u>Goat Id.</u>	✓			
	<u>Ida Lewis RK</u>	✓ Official Gazetteer of R.I.			
	<u>Newport Harbor</u>	Do not place on Survey			

Section of Field Records.

REVIEW OF TOPOGRAPHIC SURVEY NO. 6117 (1934)

Newport Harbor, Narragansett Bay, Rhode Island.

Surveyed: September 1934

Instructions dated: May 14, 1934, July 11, 1934

and July 31, 1934(PATTERSON).

Plane Table Survey - Aluminum Mounted.

Chief of Party - W. D. Patterson.

Surveyed by - G. E. Morris, Jr.

1. Condition of Records.

The records conform to the requirements of the topographic manual with the following exceptions:

a. No magnetic meridian was shown on this sheet.

2. Compliance with Instructions for the Project.

The survey complies with the instructions for the project.

3. Junction with Contemporary Surveys.

A satisfactory junction was made with T-6116 (1934) on the north.

4. Comparison with Prior Surveys.

a. T-1194 (1870-71).

This survey is in good agreement with the present survey except where the high water line has been changed by new docks, trestles and other construction. The present survey shows a rock bearing 1 ft. at L.W. in lat. $41^{\circ}28'.5$, long. $71^{\circ}19'.6$ which was not located on the old survey. The spit to the east of Ida Lewis Rock now shown as bare at high water was formerly awash at high tide.

The low water line delineation of Little Ida Lewis Rock is being carried forward in red. This was done to emphasize the rock which is not shown by any rock symbol but is merely indicated by the beacon which marks it.

5. Field Drafting.

The field inking of the survey is good.

6. Additional Field Work Recommended.

The shoreline detail is complete and no additional work is required.

7. Superseding Old Surveys.

Insofar as the topography actually included on the present survey is concerned, it supersedes the following surveys for charting purposes:

T-1194 (1870) in part.

8. Reviewed by A. F. Jankowski, December 1934.

Examined and approved:

C. K. Green, *C. K. Green*
Chief, Section of Field Records.

L. O. Lobbut
Chief, Div. of Charts.

F. S. Bodum
Chief, Section of Field Work.

G. Wade
Chief, Div. of H. & T.