

6739

Form 504
Rev. Dec. 1933
DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic }
Hydrographic } Sheet No. 1

State New York

LOCALITY

Long Island Sound

Port Jefferson Harbor

1940

CHIEF OF PARTY

Fred A. Riddell

U. S. GOVERNMENT PRINTING OFFICE: 1934

6739

applied to drawing of 1212 Sept 1940 J.G.H.
Applied to chart dwg. 361 April 5, 1941. L.A.M.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.

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. 1

REGISTER NO. **T6739**

State New York

General locality Long Island Sound

Locality Port Jefferson Harbor

Scale 1:10,000 Date of survey August, 1940

Vessel Launch ELSIE III

Chief of party Fred A. Riddell

Surveyed by Fred A. Riddell

Inked by D. E. Sturmer

Heights in feet above - to ground to tops of trees

Contour, Approximate contour, Form line interval - feet

Instructions dated April 10, 1940

Remarks: Project H.T. 249

DESCRIPTIVE REPORT
to accompany
TOPOGRAPHIC SHEET No. 1 T-6739 (1940)
PORT JEFFERSON HARBOR, N. Y.

This is a revision survey of the most important changes of Port Jefferson Harbor, executed by the Launch ELSIE III on Chart inspection duties in Long Island Sound. As the work of this party is to note only the most obvious discrepancies, and not to make detail revision surveys only such sections of the shoreline, where there have been conspicuous changes, are shown.

CONTROL Control consisted of Triangulation executed in 1931 and 1939. The stations located in 1931 were on the old datum and had to be converted to North American 1927 datum. Station Port 1931 has been destroyed so reference mark # 1 was plotted on the sheet and used as a triangulation station.

METHOD OF SURVEY No traverses were run. The plane table setups were located by three point fixes. All offshore objects such as wrecks, piles and dolphins were located by direct rod readings.

COMPARISON WITH CHART 361 ^{Scale 1-10,000} At signal "Flag" a yacht club has been built. The area around the club house has been bulkheaded and filled.

One hundred meters S.E. of 0 Flag is a sunken barge, covered by 1 foot at mean low water. It is important that this be shown on the chart as it is on the edge of a small boat anchorage. Local authorities claim that numerous boats have hit this wreck.

A small dock shown on the chart 50 meters west of Port RM # 1 has been removed. The large pier shown 125 meters north of Port RM # 1 has been torn down and a smaller one constructed. This is in poor condition.

An oil distributing plant has been built 225 meters north-north east of station Port RM # 1. The waterfront has been bulkheaded and the area behind filled. A new pier extending out from this bulkhead is contemplated for the future.

A wreck is 50 meters offshore 550 meters north of station Port RM # 1.

On the northern part of the sheet the shoreline has been changed considerably by the dredging operations which are still in progress. The area around signal "Ban" is being filled to protect the harbor and the shoreline as shown on this sheet should be considered only temporary. However, since there is such a marked change from the chart it was thot advisable to delineate the present shoreline.

Lat. 40° 58' 0", Long. 73° 05' 2"
Barrel Island has been removed through dredging operations. A pile of rocks (signal "Pile") is at present marked with a tall stake.

Lat. 40° 57' 4", Long. 73° 05' 5" S. S
The two spits shown along the south shore of the harbor at the entrance to Setauket Harbor should be deleted. They probably were obtained by misintrepretation of the air photographs. They are grass which is completly covered at highwater.

See
chart letter

CHARACTER OF SIGNALS OUTSIDE HIGH WATER LINE

Pile	Stake on rock pile.
Dog	Pile
Rock	Large boulder between high and low water line.

Fred A. Riddell

Fred A. Riddell
Chief of Party
Launch ELSIE III

FAR/NRM

Remarks

Decisions

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M 234		

GEOGRAPHIC NAMES

Survey No. **T6739**

GEOGRAPHIC NAMES											
Survey No. T6739											
Name on Survey											
	A, On Chart No.	B, On previous survey No.	C, On U. S. quadrangle Maps	D From local information	E On local Maps	F P. O. Guide or Map	G Rand McNally Atlas	H U. S. Light List	K		
Long Island										1	
Port Jefferson										2	
Port Jefferson Harbor										3	
Long Island Sound										4	
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MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
PHOTOSTAT OF

~~No. T~~

No. T **T6739**

received Sept. 20, 1940
registered Sept. 20, 1940
verified
reviewed
approved

This is forwarded in order that your attention may be directed to the matters as indicated below. Please initial in column 3 as an acknowledgement that your attention has been thus directed. The complete original records are available if desired. If you cannot give this your immediate attention, please initial, note, and forward to the next section marked, calling for the records at your convenience.

ROUTE		Initial	Attention called to
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RETURN TO

82	T. B. Reed
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✓ JBSR

DIVISION OF CHARTS

Section of Field Records

REVIEW OF TOPOGRAPHIC SURVEY NO. 6739 (1940) FIELD NO. 1

New York, Long Island Sound, Port Jefferson Harbor

Surveyed in August 1940, Scale 1:10,000

Instructions dated April 10, 1940 (ELSIE III)

Plane Table Survey

Aluminum Mounted

Chief of Party - Fred A. Riddell.

Surveyed by - Fred A. Riddell.

Inked by - D. E. Sturmer.

Reviewed by - Harold W. Murray, November 6, 1940.

Inspected by - H. R. Edmonston.

Revision Survey

The purpose of this survey was to relocate portions of the shoreline and other details in areas where obvious changes had occurred.

The Descriptive Report adequately discusses the essential details and further comment is unnecessary.

Examined and approved:



Thos. B. Reed,
Chief, Section of Field Records.



Chief, Division of Charts.



Chief, Section of Field Work.



Chief, Division of H. & T.