

4324

U. S. COAST & GEODETIC SURVEY
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Form 504
Ed. June, 1928

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R. S. Patton *Director*

State: Conn.

DESCRIPTIVE REPORT

Topographic
~~Hydrographic~~

Sheet No. "C" 4624

LOCALITY

New Haven Harbor, Conn.

L. I. Sound

1931

CHIEF OF PARTY

C. A. Egner

U. S. GOVERNMENT PRINTING OFFICE: 1928

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TOPOGRAPHIC TITLE SHEET

REG. NO. 4624

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. "C"

REGISTER NO. 4624

State Connecticut

General locality New Haven Harbor L. I. Sound

Locality New Haven Harbor

Scale 1:10,000 Date of survey 1 October, 1931

Vessel M. V. NATOMA

Chief of Party C. A. Egner

Surveyed by E. F. Hicks, Jr.

Inked by E. F. Hicks, Jr.

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated September 14, 1931

Remarks: _____

D E S C R I P T I V E R E P O R T
T O A C C O M P A N Y
T O P O G R A P H I C S H E E T "C"
A I D S T O N A V I G A T I O N
A N D
B R E A K W A T E R S
N E W H A V E N H A R B O R, C O N N.

I N S T R U C T I O N S:

This survey was accomplished under instructions dated September 14, 1931.

M E T H O D:

The usual plane-table method of survey was used. No traverses were run. All buoys were located by topographic cuts and checked by sextant angles. The control used on this sheet consisted of second and third order triangulation.

E X T E N T:

This sheet comprises a relocation of all aids to navigation, and breakwaters in New Haven Harbor.

D E S C R I P T I O N:

The West Breakwater, Huddington Rock Breakwater, and the East Breakwater are built of rock and average nine metres in width.

The dike off Sandy Point is built of rock and piling,
part of it being submerged at low water.

STATISTICS:

Shoreline ----- 0.4 Statute mile.

Area ----- 15.2 Sq. statute miles.

Respectfully submitted,

E. F. Hicks, Jr.
E. F. Hicks, Jr.
Ensign

Approved and forwarded

C. A. Egner
C. A. Egner,
Commanding NATOMA.

SHEET "C"

NAME	LAT.	D. M.	LONG.	D. P.	REMARKS
Watch	41-16	1362.9 (488.0)	72-55	217.0 (1179.6)	East gable of house on piling east of Oyster-Point.

REVIEW OF ~~GRAPHIC CONTROL~~ SURVEY T-4624 , SCALE 1:10,000

Date of Review Aug. 19, 1937

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-5268, , with particular attention to the following details:

- (a) Projection has been checked in the Field.
- (b) Accuracy of location of plane table control points.
- (c) Discrepancies between detail on this survey and the air photo compilations listed above.
- (d) Discrepancies found in descriptions submitted on Form 524 when compared with the air photo compilations listed above. **no cards**

2. Refer to the reviews and descriptive reports of air photo compilations Nos. T- 5268, , for a more complete discussion of any errors or discrepancies found.

Any material errors found on this survey are noted in subsequent paragraphs of this review, and these have been reported to the Field Records Section and the Cartographic Section.

Notes and corrections resulting from the review are shown on this survey in green. ~~no notes made at time of this review~~ **Some**

- (1) East breakwater is 45 m. shorter on east end than on T5268. The latter is correct.
- (2) Station New Haven First Congr. Church is plotted on this survey in its 1873 position. The station was moved approx. 40 ft. in 1878 according to a 1910 recovery note. Located by Mattison in 1933 and called Grand Ave. Congr. Church. The position as shown on this 1931 survey should be disregarded.
- (3) Station Sandy 1931 as shown on this sheet is ~~in~~ properly Sandy Point Lighthouse, 1931. It should not be confused with Sandy 1933 which is an entirely different point located 800 m. away.
- (4) For chart compilation in areas covered use T-5268.

T. M. Price
T. M. Price

B. G. Jones
9/15/37