DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. Paton, Director

State: Conn.

DESCRIPTIVE REPORT
Topographic Sheet No. "C" 4624
Hydrographic

LOCALITY
New Haven Harbor, Conn.

1931

CHIEF OF PARTY
C. A. Egner
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. "ON"  

REGISTER NO. 4624  

State: Connecticut  

General locality: New Haven Harbor, L. I. Sound  

Locality: New Haven Harbor  

Scale: 1:10,000  Date of survey: October 14, 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:
DESCRIPTIVE REPORT

TO ACCOMPANY

TOPOGRAPHIC SHEET "C"

AIDS TO NAVIGATION

AND

BREAKWATERS

NEW HAVEN HARBOR, CONN.

INSTRUCTIONS:

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

METHOD:

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.

EXTENT:

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

DESCRIPTION:

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.
Ensign

Approved and forwarded

C. A. Egner,
Commanding NATOMA.
<table>
<thead>
<tr>
<th>NAME</th>
<th>LAT.</th>
<th>D. M.</th>
<th>LONG.</th>
<th>D. P.</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Watch</td>
<td>41-16</td>
<td>1382.9 (488.0)</td>
<td>72-55</td>
<td>217.0 (1179.6)</td>
<td>East gable of house on piling east of Oyster-Point.</td>
</tr>
</tbody>
</table>
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-5258, , 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-5258, 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. "Notes made at time of this review" Some,

(1) East breakwater is 45 m. shorter on east end than on T5258. The latter is correct.

(2) Station New Haven First Congr. Church is plotted on this survey in its 1878 position. The station was moved approx. 40 ft. in 1878 according to a 1910 recovery note. Located by Wattson 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 860 m. away.

(4) For chart compilation in area covered use T-5258.

T. H. Price

9/15/37