U. S. COAST AND GEOETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>GRAPHIC CONTROL</th>
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<tbody>
<tr>
<td>Field No.</td>
<td>KO-A-48</td>
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<tr>
<td>Office No.</td>
<td>T-7072</td>
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<tr>
<th>LOCALITY</th>
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<tbody>
<tr>
<td>State</td>
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<tr>
<td>General locality</td>
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<td>Locality</td>
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| 1949     |
| CHIEF OF PARTY |
| W.H. Bainbridge |

LIBRARY & ARCHIVES

DATE          March 16, 1949
Each Planetary and Graphic Control Sheet should be accompanied by this form, completed so far as practicable, when forwarded to the Washington Office.

STATE

Oregon

GENERAL LOCALITY

Columbia River

LOCALITY

North Portland Harbor

SCALE

1:5000

DATE OF SURVEY

19 April, 1948

VESSEL

Ship HODGSON

CHIEF OF PARTY

W. H. Bainbridge

SURVEYED BY

R. M. Stone

INKED BY

R. M. Stone

HEIGHTS IN FEET ABOVE MHW OR ☐ TO GROUND ☐ TO TOPS OF TREES

CONTOUR

APPROXIMATE CONTOUR

FORM LINE INTERVAL _______ FEET

PROJECT NUMBER

CS-325

REMARKS


No further review necessary.
Descriptive Report

to accompany

Topographic Sheet No. HO-A-18

Columbia River, North Portland Harbor

19 April 1948

Ship HODGSON W. H. Bainbridge, Comdg.

AUTHORITY:

Instructions, Project CS-325, Ref. 22/MEK, S-1-WE, dated 14 May 1946.

Supplemental Instructions, Project CS-325, Ref. 22/MEK, S-2-HO, dated
5 February 1948.

LIMITS:

Latitude 45° 35' 92" to 45° 37' 57".

Longitude 122° 38' 19" to 122° 41' 19".

Scale 1:5000.

PURPOSE:

This topographic sheet is for the establishment of graphic control
on this project.

CONTROL:

Sufficient triangulation points were recovered within the limits of
this sheet.

SURVEY METHODS:

Standard planimetric methods were used. All objects were located by
graphic triangulation and no traverses were run. No shoreline was located
on this sheet since the shoreline and other detail had been located recent-
ly by photogrammetric methods. Refer to Map Manuscript No. T-8674.

A magnetic azimuth by declinometer No. 186 was determined at triangula-
tion station LOTUS USE 1938.
RECOVERABLE TOPOGRAPHIC STATIONS:

No recoverable topographic stations were established.

AIDS TO NAVIGATION:

No aids to navigation were located in addition to what was located by the Photogrammetric Party, Portland, Oregon, in 1946.

LANDMARKS FOR CHARTS:

No landmarks for charts were located in addition to what was located by the Photogrammetric Party, Portland, Oregon, in 1946.

NEW PLACE NAMES:

None.

Respectfully submitted,

R. M. Stone, Lieut., USCG
R. & T. Engr.

Approved:

W. H. Bainbridge, Lt. Comdr., USCG
Commanding Ship HODGSON
# Record of Application to Charts

<table>
<thead>
<tr>
<th>DATE</th>
<th>CHART</th>
<th>CARTOGRAPHER</th>
<th>REMARKS</th>
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<tr>
<td>7 Sept 49</td>
<td>6154</td>
<td><strong>The Rocks</strong></td>
<td>Before <strong>Verification and Review</strong></td>
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<td>6155</td>
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<td>8 Aug 50</td>
<td>6156</td>
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A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under “Comparison with Charts” in the Review.