

7025 a  
7025 b

Graphic Control

G. C.

Graphic Control

Diag. on Diag. Ch. No. 6154

Graphic Control

Graphic Control

7025 a  
7025 b

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Topographic GC  
T-7025 a  
Field No. WE A&B, 1946 Office No. T-7025 b

LOCALITY

State Oregon  
General locality W Columbia River  
Locality North Portland Harbor

194 6

CHIEF OF PARTY  
L. C. Wilder E.M. Bernstein  
H. F. Garber (Acting)

LIBRARY & ARCHIVES

DATE MAR 6 1947

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

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. VL (A) & (B), 1946

REGISTER NO. T-7025 a & b

State OREGON

General locality COLUMBIA RIVER

Locality North Portland Harbor

Scale 1:5,000 Date of survey February, 1946

Vessel Ship WESTDAHL

Chief of party E. H. Bernstein  
L. C. WILDER (H. F. GARBER, Actg)

Surveyed by H. F. Garber and N. E. Taylor

Inked by N. E. Taylor

Heights in feet above \_\_\_\_\_ to-ground to tops of trees

Contour, Approximate contour, Form line interval \_\_\_\_\_ feet

Instructions dated November 28, 1945

Remarks: \_\_\_\_\_

## Descriptive Report

to accompany

Field Sheets WE A & B, 1946

T-7025 a & b

1:5,000

### Authority:

The work was done in accordance with Instructions dated 28 November 1945, Paragraph 19, Project CS-323.

### Limits:

The area covers North Portland Harbor from its northern entrance to 0.2 miles south of the Interstate Bridge.

### Scope:

The survey is for signal location only. The shoreline and detail is being compiled by the Portland Photogrammetric Party, Lt. Comdr. R. A. Earle in charge. The air photo compilation had not proceeded to the extent that signals could be located from the photographs at the time the signals were needed.

### Control:

The triangulation was established by W. M. Scaife in 1938.

### Survey Methods:

Standard planetable methods were employed. A traverse was run between stations ROK, 1938 and NETTLE, 1938 on Sheet "A" that closed satisfactorily. Graphic control was employed on Sheet "B" by cuts from triangulation stations. The work on Sheet "A" was done by H. F. Garber, and on Sheet "B" by N. D. Taylor.

### Features:

The S. P. & S. Railroad bridge and the Interstate Highway bridge were located and the clearances measured. The measurements agree with those published in the 1935 edition of Bridges on the Navigable Waters of the United States.

Recoverable Topographic Stations:

The two power transmission towers, a radio tower and the green cupola of Swifts Co. Plant are being submitted on Form No. 524 as recoverable topographic stations. *filed in Photogrammetry 3/10/50 - G.F.J.*

Aids to Navigation:

There are no aids to navigation within the limits of the sheets. ✓

Landmarks for Charts:

Landmarks for charts are being submitted by the Photogrammetric Party, R. A. Earle in charge. ✓

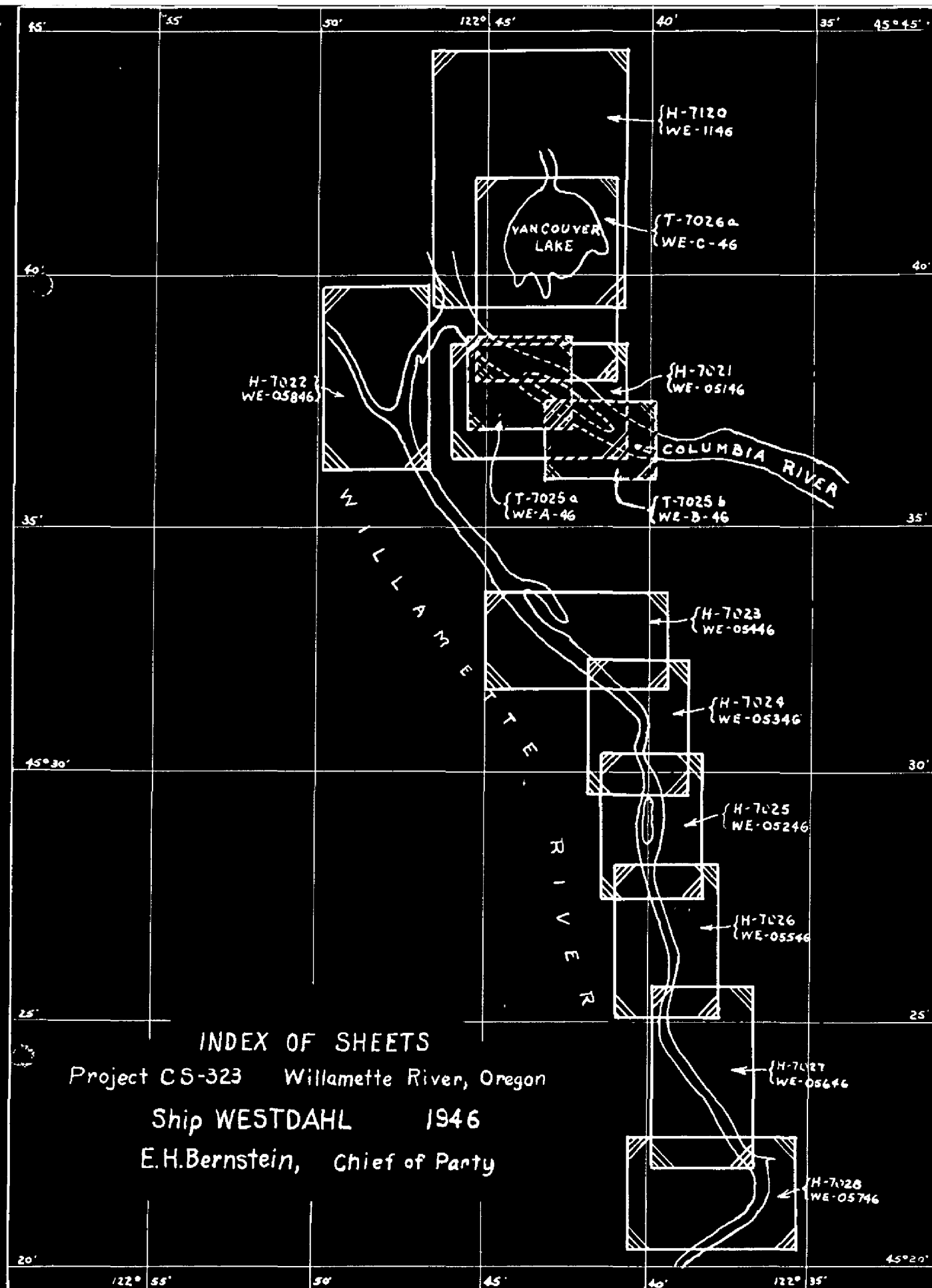
Respectfully submitted,

*H. F. Garber*

H. F. Garber,  
H. & G. Engr.

*Magnetic Meridian: Observed declinations are within 1° of the charted value - (G.F.J.)*

*This survey was applied to H-7121(1946) and considered in the review of that survey. No further consideration by the HYDRO. REV. SECT. is necessary. G.F.J. 3/10/50*





## NAUTICAL CHARTS BRANCH

**SURVEY NO.**

### Record of Application to Charts

[illegible]

M-2168-1

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.