U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey: Topographic

Field No.: WE-E-46
Office No.: T-7026a

LOCALITY

State: Washington
General locality: Columbia River
Locality: Vancouver Lake

1946

CHIEF OF PARTY

E. M. Bernstein

LIBRARY & ARCHIVES

DATE: May 12, 1948
Each Topographic and Graphic Control Sheet, and each Air Photographic Drawing should be accompanied by this form, completed so far as practicable, when forwarded to the Washington office.

Registry No. T-7026a
Field No. WE-G-46
Scale 1:10,000

State Washington General locality Columbia River
Specific locality Vancouver Lake, Washington

Dates: Survey began 5 June, 1946 Completed 6 June, 1946
Magnetic Declination 20 June, 1946

Photography, Supplemented by ground surveys to

Project No. CS-323 Instructions dated 28 November, 1945
Vessel of Westdahl Telegraphic authorization 16 May, 1946
Chief of party E.H. Bernstein

Field work by E.H. Bernstein Office work by E.H. Bernstein

Final inking by E.H. Bernstein

Ground elevations M. H. W.
Treetop elevations in feet above or

Contours
Approximate contours by Planetable Multiplex Interval ft.
Form lines

Remarks
DESCRIPTIVE REPORT

to accompany

Topographic Sheet (WE-C-46) T-7026a

Vancouver Lake, Columbia River, Washington
Project CS-323

AUTHORITY:

Instructions, Project CS-323, dated 28 November 1945 and telegraphic authorization to Supervisor, Midwestern District, dated 16 May 1946.

PURPOSE:


LIMITS:

This topographic sheet covers the entire area of Vancouver Lake. It extends from Lat. 45° 37'18" to 45° 41'19", and Long. 122° 40'19" to 122° 45'11", on the scale of 1:10000.

CONTROL:

Adequate existing triangulation and the establishment of two additional stations, namely ANDERSON 1946 and NORTHERN 1946 by the field parties of the Photogrammetric Office, Swan Island, Portland, Oregon, furnished strong control. The necessary hydrographic stations were determined by graphic control.

SURVEY METHODS:

Standard methods of graphic planimetric triangulation were used. No traverses were run.

No shoreline was nor could be located as the river and lake were at flood stage of about 22 feet. Similar to shoreline along the Columbia and Willamette Rivers, the shoreline was determined by the Photogrammetry Office at Portland.
The little stretch of railroad in the vicinity of triangulation station NORTHERN 1946 was accurately rodded in.

RECOVERABLE TOPOGRAPHIC STATIONS:

A list of Recoverable Topographic Stations is attached hereto. *(Filed in Photogrammetry*)

LANDMARKS FOR CHARTS:

Lists of "Landmarks for Charts" were furnished. Recommended objects which lie within the limits of this sheet are: ALCOA STACK 1946, TOWERS-(C.r. 2967)

HIGH TENSION OVERHEAD CROSSING, COLUMBIA RIVER, WASHINGTON and OREGON.

INVENTORY OF RECORDS:

5 each Descriptions of Recoverable Topographic Stations, Form 524.

MAGNETIC MERIDIAN: Observed declination is within 1° of charted value.

Respectfully submitted,

[Signature]

E. H. Bernstein,
Lt. Comdr., USCGGS
Commanding Ship HODGSON
Chief of Party.

This survey was applied to H-7[820(1946)] and requires no further consideration by the HYDRO REV. SECT.

3/10/50

G.F.J.
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Survey No. T7026a
GEOGRAPHIC NAMES