

7026a

Graphic Control

Diag'ed on Diag. Ch. #6154

Form 504

U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Topographic

Field No. WE-C-46 Office No. T-7026a

LOCALITY

State Washington

General locality Columbia River

Locality Vancouver Lake

194 6

CHIEF OF PARTY

E. H. Bernstein

LIBRARY & ARCHIVES

DATE May 12, 1948

6-1870-1 (1)

7026a

TOPOGRAPHIC TITLE SHEET

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-7026-a

Field No. WE-C-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

Telegraphic authorization 16 May, 1946

Vessel } ** WESTDAHL Chief of party E.H. Bernstein
Party

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

Final inking by E.H. Bernstein

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

Contours } by { Planetable } Interval ft.
Approximate contours } Multiplex }
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:

Topographic control for making original hydrographic survey of Vancouver Lake, Washington, done at the request of the U. S. Maritime Commission, Portland District Engineer and the Harbor Authorities of Vancouver, Washington.

LIMITS:

This topographic sheet covers the entire area of Vancouver Lake. It extends from Lat. $45^{\circ} 37'8$ to $45^{\circ} 41'9$, and Long. $122^{\circ} 40'9$ to $122^{\circ} 45'1$, 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 planetable 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) 3/10/50

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.l. 248(1947)) 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,


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

This survey was applied to H-7020(1946) and requires no further consideration by the HYDRO. REV. SECT.

3/10/50

G.F.J.

GEOGRAPHIC NAMES

Survey No.

T7026a

Name on Survey

On Chart
No.

A

On previous survey
No.

B

On U. S. quadrangle
Maps

C

From local
information

D

On local Maps

E

P. O. Guide or Map

F

Rand McNally Atlas

G

U. S. Light List

H

K

Name on Survey	A	B	C	D	E	F	G	H	K	
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