

4106
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C. S. BERRY

APR 28 1920

Form 504
DEPARTMENT OF COMMERCE
U. S. COAST AND-GEODETTIC SURVEY

State: *Washington*

11-5013

DESCRIPTIVE REPORT.

Sheet No. *4106*

LOCALITY:
Lake Union
Washington

1920

CHIEF OF PARTY:
W. H. Lock

4106

CHART ~~6447~~ SHOWING WIRE DRAG WORK
~~#~~ LAKE UNION, Seattle, Wash.
4106 WIRE DRAG AND REVISION PARTY
CHIEF OF PARTY- N. H. HECK, H. AND G. ENGINEER

(Note. No other sheet is furnished for this work.)

Work was submitted to the office plotted on chart 6447.
This chart is filed as a boat sheet.

Ed. Collins
Apr. 21, '20

Statistics.		angles	miles	dragged area	Soundings
Feb. 14	A day	28	0.5	0.1 sq. mile.	0.

Investigation in Lake Union was not completed because work in Lake Washington required very much more time than expected. but

A dangerous snag was reported on south end of lake, ~~that~~ it could not be located, tho a considerable part of this end of the lake was dragged. The depths are somewhat less than charted and a hydrographic survey should be made .

The snag mentioned either does not exist or it was covered by log rafts at the time of dragging.

Marline sweeping was done at the site of removed bridge N.W. cor. of Lake Union, to see if all the piles had been removed. Apparently there are no projections above the bottom , of importance, but this can only be proved by completion of survey.

The old university bridge site at the N.E. corner of Lake Union was not investigated during the season , the Snag Boat SWINOMISH investigated this site with the marline sweep but found no projections of importance,

ADDRESS THE SUPERINTENDENT
U. S. COAST AND GEODETIC SURVEY

FIELD RECORDS (C)

AND REFER TO NO. **41-EMK**

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
WASHINGTON

April 26, 1920.



Division of Hydrography and Topography;

Division of Charts:

As the lake level appears to have been approximately the same as the plane of reference, no tidal reduction is considered necessary in one volume of wire-drag records for

HYDROGRAPHIC SHEET 4106

Lake Union, Washington.
N.H.Heck in 1920.

Plane of reference is
Mean height of spillway for Lake Union, which
is 25.00 feet above the U.S. Engineer's datum,
corresponding to a reading of

3.16 ft. on the C. & G. S. tide staff at the foot
of Madison St., Seattle, Washington.

Condition of records satisfactory.

A handwritten signature in cursive script, appearing to read "E. W. Rude".

Chief, Section of Tides
and Currents.

Forwarded:

A handwritten signature in cursive script, appearing to read "W. G. Barkin".

Chief, Div. of Hyd'y and Top'y