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Department of Commerce and Labor
COAST AND GEODETIC SURVEY

A. Pittman
Superintendent.

State: *Wash.*

DESCRIPTIVE REPORT.

Kyds. Sheet No. *3372a*

LOCALITY:

Seattle Harbor
Washington
Revision of Hydrography
in Waterways

1913
January 1914

CHIEF OF PARTY:

J. H. Herby

11-4845

U. S. COAST AND GEODETIC SURVEY

O. H. Tittmann, Supt.

Hydrographic Sheet No. 3372 ^a

Seattle Harbor
East and West Waterways and Approaches
Washington

January 16 to January 28

1914

Hydrography by

O. J. Bond, Jr., Aid

H. B. Campbell, Aid

Str. Gedney

F. H. Hardy, Asst.,

Chief of Party

Scale

1:5,000

Table of Statistics

Hydrographic Sheet No. 3372^a

Seattle Harbor.

1914

Date	Letter	Miles stat.	Positions	Sdgs.
Jan 16	a	1.9	33	103
" 17	b	2.6	41	161
" 19	c	6.0	99	376
" 20	d	3.9	78	241
" 21	e	1.3	23	113
" 23	f	4.2	76	334
" 24	g	0.7	25	55
" 28	h	0.3	18	41
Totals		20.9	393	1424

Descriptive Report to accompany Hydrographic Sheet No. 3372⁰² of Seattle Harbor.

This sheet contains revision hydrography in the waterways of Seattle harbor, where dredging has been recently done, and where changes in the topography, such as new wharfs and new bulkheads, have necessitated additional soundings. The work was done from a whaleboat under oars, the leadsman in the bow, and the angles being taken from the stern sheets. The soundings were taken with a leadline and were up and down, the intervals between being usually regular. The lines were run with and against the current. The current was strong and the soundings and fixes are spaced further apart on the lines run with the current than on those against it. No suspicious spots were noted. The bottom thruout is muddy, in some places sticky, in others soft.

VEC
Mar 31, 1914

HYDROGRAPHIC SHEET 3372a.

Seattle Harbor, Puget Sound, Washington by Assistant
F. H. Hardy in 1914.

TIDES.

				Seattle ft.
2 feet below mean lower low water or plane of reference on staff				5.1
Lowest tide observed	"	"		3.1
Highest	"	"	" "	22.2
Mean range of tide				7.7

Hydrographic Sheet No. 3372^a
Seattle Harbor. Wash.

The positions for the work on this sheet were plotted by the field party and have been taken as correct.

The work is considered good for the areas covered but as further dredging is being done or will be done in the future additional examinations will be necessary in order to properly join up the curves and show the actual conditions existing.

The records are good and leave but a few indefinite propositions.

But a few "bottoms" are recorded but Description Rept. states that bottom is generally muddy, sticky + soft.

Plotted in f. s.

J. D. Torrey
7-11-14