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# FIELD NOTES

EXTENSION  
OF THE SURVEY OF THE

PORTION OF SUBDIVISIONAL LINES;

and

MEANDERS OF MERIDITH AND SWITZLER ISLANDS;

also

SMALL ISLAND IN SECS. 4 AND 5,

T. 5 N., R. 30 E.

Of the Willanette Meridian,

In the State of Oregon

EXECUTED BY

Joseph A. Ganong

In the capacity of U. S. Surveyor, under instructions dated May 19, 1913, issued by the United States Surveyor General to govern surveys included in Group No. 17, which were approved by the Commissioner of the General Land Office, June 21, 1913, pursuant to authority contained in the Act of Congress dated June 25, 1910.

Survey commenced December 6, 1913.

Survey completed December 7, 1913.

ACCEPTED BY THE HON. COMMISSIONER G. L. O. June 18, 1915.



FIELD NOTES

OF THE SURVEY OF THE

INDEX DIAGRAM.

Township 5 North, Range 30 East

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

- Original Surveys.



SURVEY OF SMALL ISLAND AND MEANDERS OF  
SWITZLER AND MERIDITH ISLANDS  
T. 5 N., R. 30 E.

Chains

Survey commenced December 6, 1913, and executed with a Young and Sons light mountain transit No. 7385, with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc, which is also the least count of the verniers of the lat. and decl. arcs. The instrument was examined, tested on the true meridian at Portland, found correct, and was approved by Mr. E. P. Rands, Ass't. Supervisor of Surveys, for Oregon, May 21, 1913.

I have recently examined the adjustments of the instrument, found them correct, and conclude a re-examination is unnecessary.

December 6, 1913.

The line bet. secs. 4 and 5, T. 5 N., R. 30 E., if projected North, will cross a small island, therefore, I commence at the meander cor. of frac. secs. 4 and 5, T. 5 N., R. 30 E., which is a charred stake, marked and witnessed as described by the surveyor general.

Thence I run

North, bet. secs. 4 and 5, counting distance from the meander cor. as 30.78 ch. point.

To determine the distance across the branch of the Columbia River, I set a flag on the island, on line, thence I run East, 20.00 chs. to a point "C".

From "C" flag bears N. 41° 15' W.

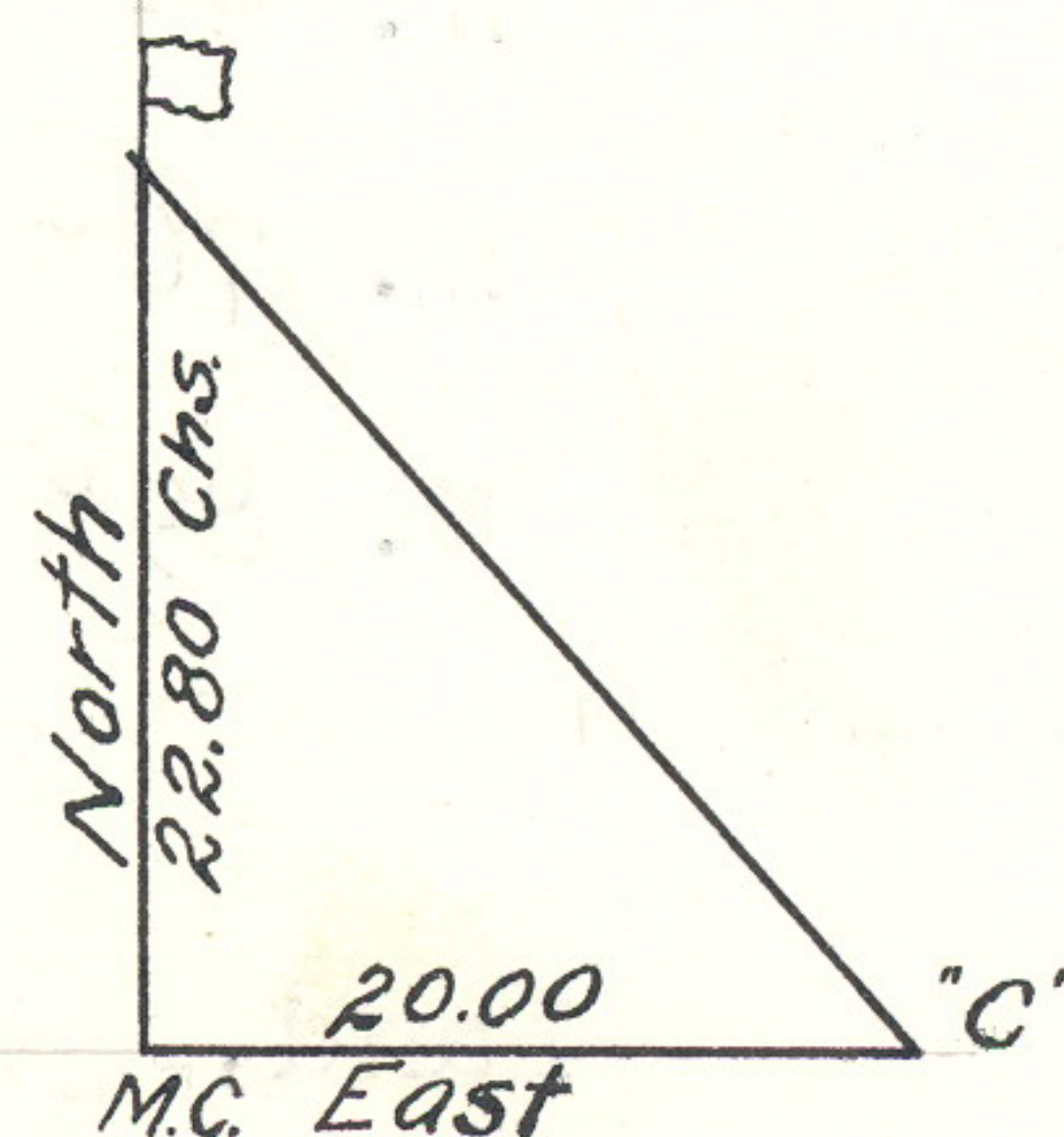
From flag, "C" bears S. 41° 15' E.

Distance from meander cor. to flag

is  $\cotang. 41^\circ 15' \times 20.00 \text{ chs.} =$

$1.14028 \times 20 = 22.80 \text{ chs.}$ , which

added to 30.78 chs. makes



53.58 Intersect the mean high water line on the South bank of the Island.

Set an iron rod, 30 ins. long, 1 in. dia., 41 ins. in the ground, mkd. MC on the top, and on this rod, set



SURVEY OF SMALL ISLAND AND MEANDERS OF  
SWITZLER AND MERIDITH ISLANDS  
T. 5 N., R. 30 E.

Chains

a basalt stone, 12 x 10 x 8 ins., 8 ins. in the ground for meander cor. of frac. secs. 4 and 5, marked MC on S. face; with 4 grooves on E. face; dig a pit, 36 x 36 x 12 ins., 8 ft. N. of stone; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.

Thence I run North, over level land, across the island.

62.94 Intersect the mean high water line on the North bank of the island.

Set a basalt stone, 16 x 12 x 8 ins., 11 ins. in the ground, for meander cor. of frac. secs. 4 and 5, marked MC on N. face; with 4 grooves on E. face; dig a pit, 36 x 36 x 12 ins., 8 ft. S. of stone; and raise a mound of earth, 4 ft. base, 2 ft. high, S. of cor.

Land, level.

Soil, rich, mellow sandy loam; 1st rate.

No timber.

Undergrowth, dense willow along the banks.

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6666 MEANDERS OF SMALL ISLAND IN SECS. 4 AND 5.

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I commence at the meander cor. of frac. secs. 4 and 5 on the south side of the island.

Thence I run, with meanders in sec. 5.

- S. 67° 00' W. 3.20 chs.
- S. 82° 30' W. 7.40 "
- N. 69° 15' W. 7.40 "
- N. 44° 45' E. 10.00 "
- N. 76° 30' E. 7.50 "
- N. 89° 15' E. 2.85 " To meander cor. of frac. secs. 4 and 5.

Land, gently rolling.

Soil, gravel, off beach, rich mellow loam; 1st rate.

No timber.

Undergrowth, along the bank willow; main body of island open.

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Thence in sec. 4.



MEANDERS OF SMALL ISLAND IN SECS. 4 AND 5,

T. 5 N., R. 30 E.

Chains

N. 89° 15' E. 14.10 chs.

S. 27° 15' W. 5.00 "

S. 67° 00' W. 12.80 " To the meander cor. of frac.

secs. 4 and 5, and place of beginning.

Land, level.

Soil, gravelly loam, 3rd rate.

No timber.

Undergrowth, scattering willow.

Sky overcast at noon; lat. observation impossible.

December 6, 1913.

MEANDERS OF MERIDITH ISLAND.

December 7, 1913.

I commence at the meander cor. of frac. secs. 4 and 33, on the east side of the island.

Thence I run with meanders in sec. 4, T. 5 N., R. 30 E.

S. 22° 45' W. 4.80 chs.

S. 62° 45' W. 14.40 "

N. 27° 45' W. .80 "

N. 45° 45' E. 14.76 " To the meander cor. of frac. secs. 4 and 33.

Land, level.

Soil, gravelly loam, off beach, mellow loam, 1st rate.

No timber.

Undergrowth, dense willow and white thorn.

December 7, 1913.

MEANDERS OF SWITZLER ISLAND.

December 7, 1913.

I commence at the meander cor. of frac. secs. 4 and 33, on the west side of the island.

Thence I run with meanders in sec. 4, T. 5 N., R. 30 E.

S. 26° 15' W. 5.30 chs. At 3.30 chs. barbed wire fence bears NE. and SW.

At 4.40 chs. barbed wire fence, bears NW. and SE.



MEANDERS OF SWITZLER ISLAND,

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T. 5 N., R. 30 E.

Chains S. 11° 00' E. 3.90 chs. At 3.00 chs. barbed wire fence,  
bears E. and W.

N. 79° 15' E. 5.00 "

N. 62° 15' E. 16.48. " To the meander cor. of frac.  
secs. 4 and 33.

Land, level.

Soil, rich sandy loam, 1st rate.

Timber, scattering poplars.

Undergrowth, dense willow along S. bank of island.

Sky overcast at noon; lat. observation impossible.

December 7, 1913.

GENERAL DESCRIPTION.

The soil on these islands is sandy loam; 1st rate. Switzler island and the small island in secs. 45 and 5 have been cultivated for a number of years.

There are no buildings on the portions of these islands lying in T. 5 N., R. 30 E., and there is no marketable timber on any of them.

*Joseph A. Gauong,*  
Transitman, G.L.O.

December 7, 1913.







*Put in Book I*

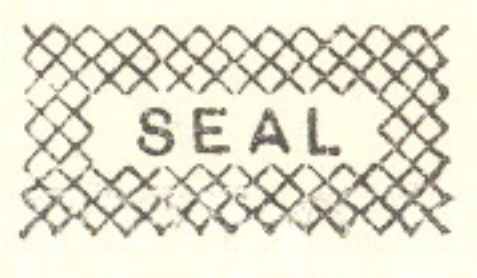
FINAL OATH OF UNITED STATES SURVEYOR.

I, Joseph A. Ganong, Transitman, G.L.O. ~~U.S. Surveyor~~, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for Oregon bearing date of the 19th day of May, 1913, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the Meanders of Switzler and Meridith Islands, also small Island in Tps. 5&6 N., R. 30 E. \_\_\_\_\_ of the Willamette Meridian, in the State of Oregon, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Oregon and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

*Joseph A. Ganong,*  
 Transitman, G.L.O. ~~U.S. Surveyor~~

Subscribed by said Joseph A. Ganong and sworn to before me }  
 this 23<sup>d</sup> day of April, 1914

*Edward Worth*  
 U. S. SURVEYOR GENERAL OF OREGON



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,  
Portland, Oregon, July 30, 1914.

The foregoing field notes of the ~~survey of~~ Extension Survey of Portion of Subdivisional Lines and Meanders of Meridith and Switzler Islands; also Small Island in secs. 4 and 5, T. 5 N., R. 30 E., of the Will. Mer. Oregon, in Books "I" and "J"

executed by Joseph A. Ganong, in the capacity of U. S. Surveyor under his special instructions dated May 19, 1913, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

*Edward Worth*  
 U. S. Surveyor General.

~~I certify that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, has been correctly copied from the original notes on file in this office.~~

~~U. S. Surveyor General.~~