

T. 32 S., R. 5 W.

CHAINS

The history of the surveys of township 32 south, range 5 west, is as follows:

<u>Part Surveyed</u>	<u>Original Survey By & Date</u>	
North Boundary	Lake and Hyde	1856
South "	Ives and Hyde	1854
East "	Lake and Hyde	1856
West "	Ives and Hyde	1854
Subdivisions	Lake and Hyde	1855
Subdivisions	W. H. Byars	1871
Subdivisions	Oscar F. Thiel	1901
Subdivisions	Oscar F. Thiel	1904

For retracements and connections by O. F. Thiel and E. F. Sharp, see plat approved July 17, 1902.

The resurvey was made at the request of the District Forester of the Roseburg Forest District, Bureau of Land Management.

Preliminary to the resurvey the lines of the original survey are retraced and search is made for all corners and other calls of the record. Identified corners are remonumented in their original positions, lost corners are reestablished and remonumented at proportionate positions based on the original record. The retracement data are thoroughly verified and only the true line field notes are given herein.

The survey was executed with a solar compass made by Young and Sons, serial No. 8411, constructed in accordance with the standard specifications of the Bureau of Land Management. The instrument was in good condition, having been placed in satisfactory adjustment prior to beginning the survey. The instrument was also tested and checked frequently during the course of the survey. Measurements were made on the slope with a Dietzgen steel tape, two chains (132 feet) in length, graduated every link for its entire length. The vertical angle of each measurement was ascertained by a clinometer when necessary. Only the horizontal equivalents of the measurements made are entered in the field note record. The tape was compared to a standard.

The directions of the lines were determined by the solar compass method.

The geographic position of the southeast corner of section 2 as given in the special instructions is as follows:

Latitude $42^{\circ}48\frac{1}{2}'$ N. Longitude $123^{\circ}15'$ W.

The mean magnetic declination is $19\frac{1}{2}^{\circ}$ E.

Dependent Resurvey, Portion of Subdivisional Lines, T. 32 S., R. 5 W.
(Restoring the 1872 survey of W. H. Byars)

Beginning at the cor. of secs. 1, 2, 11 and 12, perpetuated by an iron pipe, 1 in. diam., 8 ins. above ground, set by the County Surveyor in 1951.

from which an original bearing tree

A fir, 20 ins. diam., bears N. 61° W., 7 lks. dist., marked with burned face of blaze.

and bearing trees marked by the County Surveyor:

A sawed fir stump, 18 ins. diam., bears N. 68° E., 76 lks. dist., with marks BT uncovered.