

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FIELD NOTES
OF THE
CORRECTIVE DEPENDENT RESURVEY
OF A PORTION OF
THE SUBDIVISIONAL LINES

TOWNSHIP 30 SOUTH, RANGE 3 WEST,
OF THE WILLAMETTE MERIDIAN,
IN THE STATE OF OREGON.

EXECUTED BY

A. Bert Skeesick, Cadastral Surveyor

Under Special Instructions dated February 3, 2006, approved
February 8, 2006, which provided for the surveys included under
Group No. 2134, and Assignment Instructions dated February 28, 2006.

Survey commenced March 13, 2006

Survey completed April 20, 2006

T. 30 S., R. 3 W., Willamette Meridian, Oregon

FEET

The following field notes are those of the corrective dependent resurvey of a portion of the subdivisional lines, Township 30 South, Range 3 West, of the Willamette Meridian, Oregon.

The history of surveys pertaining to this survey is as follows:

In 1893, William M. Bushey, U.S. Deputy Surveyor, surveyed a portion of the subdivisional lines.

In 1972, Stephen D. Albright and Jack W. Bowder, Cadastral Surveyors, dependently resurveyed a portion of the subdivisional lines.

In 1986, Dale T. Bedell, Cadastral Surveyor, dependently resurveyed a portion of the subdivisional lines.

In a report dated April 13, 2006, A. Bert Skeesick, Cadastral Surveyor, reported that the Albright and Bowder monument for the quarter-section corner of sections 15 and 22 was incorrectly positioned, thus necessitating this corrective action.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated February 3, 2006, for Group No. 2134, Oregon.

The survey was performed utilizing both conventional (directly measured angles and distances) and NAVSTAR Global Positioning System (GPS) satellite techniques. The GPS measurements utilized dual frequency, carrier phase GPS receivers. The baselines were computed and adjusted by least squares analysis. The GPS position of the survey was executed in accordance with the "Standards and Guidelines for Cadastral Surveys Using Global Positioning System Methods", version 1.0, dated May 9, 2001, published by the United States Department of the Interior, Bureau of Land Management, and the United States Department of Agriculture, Forest Service.

The directions of the lines refer to the true meridian as determined by GPS measurements and carried forward by sustained angulation using conventional survey techniques. Distances along the lines were derived through the use of electronic measuring equipment. Conventionally measured distances and directions have been adjusted by computer software that incorporates a least squares adjustment routine. The Standard Error of Unit Weight for the least squares adjustment of the survey data fell between 0.7 and 2.5. In addition, the ratio of the adjustments (residuals) to the original unadjusted measurements did not exceed 1:4000. The adjusted bearings and distances are reported to the nearest second and 0.01 foot.

T. 30 S., R. 3 W., Willamette Meridian, Oregon

FEET

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

Each new bearing tree has a 2 1/2 inch x 1/4 inch magnetic nail (Mag Nail) driven at the base on right side center, unless otherwise noted in the corner description.

The following published stations from the National Spatial Reference System Continuously Operating Reference Station (CORS 96) were used for control:

1. CAPE BLANCO CORS ARP, National Geodetic Survey.
42° 50' 09.93920" N.; 124 33' 47.98916" W.; NAD 1983
(CORS 96)
2. ROSEBURG COOP CORS ARP, National Geodetic Survey.
43° 12' 39.61530" N.; 123° 20' 29.39067" W.; NAD 1983
(CORS 96)

The geographic position (NAD 1983 (CORS 96)) of the following corners were determined by a direct tie to a temporary point for which a position had been determined, to an accuracy level of 0.050 meters or better, 95% confidence level, relative to the National Spatial Reference System stations noted above.

The corner of sections 14, 15, 22, and 23:

Latitude: 42° 57' 37.72" N. Longitude: 123° 02' 29.13" W.

**Corrective Dependent Resurvey of a Portion of the
Subdivisional Lines,
T. 30 S., R. 3 W., Willamette Meridian, Oregon**

(Restoring the 1893 survey by William M. Bushey, and
the 1972 resurvey by Stephen D. Albright and Jack W. Bowder)

Beginning at the cor. of secs. 14, 15, 22, and 23, perpetuated by John H. Markham, Jr., Oregon Registered Engineer No. 2880, in 1960, and by the Douglas County Surveyors Office in 1967, and remonumented by the Douglas County Surveyors Office in 1977, recorded in the Douglas County Surveyors Record of Government Corners Renewed, T. 30 S., R. 3 W., Point Identifier No. 500400, monumented with an iron post, 2 ins. diam., firmly set, projecting 1 in. above ground, with brass cap mkd.

Corrective Dependent Resurvey of a Portion of the
 Subdivisional Lines,
 T. 30 S., R. 3 W., Willamette Meridian, Oregon

<p>F E E T</p>	<table style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="2">T30S</td> </tr> <tr> <td style="border-right: 1px solid black; border-bottom: 1px solid black;">S15</td> <td style="border-bottom: 1px solid black;">S14</td> </tr> <tr> <td style="border-right: 1px solid black;">S22</td> <td>S23</td> </tr> <tr> <td colspan="2">R3W</td> </tr> <tr> <td colspan="2">1977</td> </tr> </table>	T30S		S15	S14	S22	S23	R3W		1977	
T30S											
S15	S14										
S22	S23										
R3W											
1977											
	<p>from which the remains of the original bearing trees</p> <p style="padding-left: 40px;">A sawed, decayed fir stump, 30 ins. diam., bears S. 10 1/2° E., 19.8 ft. dist., with no marks visible.</p> <p style="padding-left: 40px;">A roothole bears S. 50° W., 48.8 ft. dist., with uprooted fir stump, size indeterminate, lying downhill, with no marks visible.</p> <p style="padding-left: 40px;">A sawed, burnt, decayed fir stump, 26 ins. diam., bears N. 45° W., 19.1 ft. dist., with no marks visible.</p> <p>and remaining bearing tree mkd. by Markham, reported by Albright and Bowder</p> <p style="padding-left: 40px;">A fir, 20 ins. diam., bears S. 24° W., 55.1 ft. dist., with a healed blaze.</p> <p>and remains of bearing trees mkd. by the Douglas County Surveyors Office in 1967, reported as unrecorded by Albright and Bowder</p> <p style="padding-left: 40px;">A roothole bears S. 11° W., 79.9 ft. dist., with no remains of the trunk located.</p> <p style="padding-left: 40px;">A fir, 21 ins. diam., bears S. 52 1/2° W., 75.4 ft. dist., with a healed blaze. (Record, S. 50° W., 73.9 ft.)</p> <p>and remains of a bearing tree mkd. by Albright and Bowder</p> <p style="padding-left: 40px;">A sawed fir stump, 42 ins. diam., bears N. 39 1/2° E., 189.6 ft. dist., with scribe marks 30S 3W S14 BT visible on a partially healed blaze. (Record, N. 41 1/2° E., 124.4 ft.)</p> <p>and new bearing trees</p> <p style="padding-left: 40px;">A fir, 11 ins. diam., bears N. 49 3/4° E., 27.7 ft. dist., mkd. T30S R3W S14 BT.</p> <p style="padding-left: 40px;">A fir, 7 ins. diam., bears S. 46 1/4° E., 32.2 ft. dist., mkd. T30S R3W S23 BT.</p> <p style="padding-left: 40px;">A fir, 10 ins. diam., bears N. 72 1/4° W., 16.0 ft. dist., mkd. T30S R3W S15 BT.</p>										

Corrective Dependent Resurvey of a Portion of the
 Subdivisional Lines,
 T. 30 S., R. 3 W., Willamette Meridian, Oregon

FEET	
	<p>N. 89° 40' 08" W., bet. secs. 15 and 22.</p> <p>Descend broken SW. slope; begin posting and blazing.</p>
63	<p>Ravine, drains N. 35° W.; continue desc. over NW. slope.</p>
650	<p>Creek, 6 ft. wide, course S. 10° E.; asc. broken SE. slope.</p>
910	<p>Graveled road, 12 ft. wide, bears N. 36° E. and S. 36° W.</p>
1140	<p>Spur, slopes S. 2° E.; desc. broken SW. slope.</p>
1325	<p>Ravine, drains S. 4 E.; asc. broken SE. slope.</p>
1870	<p>Spur, slopes S. 2° E.; desc. broken SW. slope.</p>
2647.02	<p>Point erroneously reestablished as the 1/4 sec. cor. of secs. 15 and 22, by Albright and Bowder, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. T30S R3W S15 1/4 S22 1972 from which bearing trees mkd. by Gregory D. Lang, Oregon Professional Land Surveyor No. 2295, in 2005, and filed in the Douglas County Surveyor's Office, C.S. File No. 65/54-33</p> <p style="padding-left: 40px;">A fir, 9 ins. diam., bears S. 67° E., 55.5 ft. dist., with scribe marks 1/4 S22 visible on an unhealed blaze and steel spike, 1/4 in. diam., driven into right side.</p> <p style="padding-left: 40px;">A fir, 13 ins. diam., bears N. 30 1/4° W., 35.0 ft. dist., with scribe marks 1/4 S15 BT visible on an unhealed blaze and steel spike, 1/4 in. diam., driven into left side.</p> <p>This point is not properly positioned and is not utilized in this survey. Remove iron post.</p>
2661.55	<p>Point for the 1/4 sec. cor. of secs. 15 and 22 at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; padding: 10px 0;"> <p>T30S R3W</p> <p>S15</p> <p>1/4 —————</p> <p>S22</p> <p>2006</p> </div> <p>from which bearing trees mkd. by Albright and Bowder, now redescribed relative to the corrected corner</p>

Corrective Dependent Resurvey of a Portion of the
 Subdivisional Lines,
 T. 30 S., R. 3 W., Willamette Meridian, Oregon

FEET									
	<p>A fir, 22 ins. diam., bears N. 54 1/2° E., 58.5 ft. dist., with a healed blaze and steel spike, 1/4 in. diam., driven into left side.</p>								
	<p>A fir, 27 ins. diam., bears S. 52° W., 50.4 ft. dist., with a healed blaze and steel spike, 1/4 in. diam., driven into left side.</p>								
	<p>Bury a magnet in a white plastic case at the base of the stainless steel post.</p>								
3135	<p>Graveled road, 12 ft. wide, bears S. 30° E. and N. 30° W.</p>								
3180	<p>St. John Creek, 10 ft. wide, course S. 40° E.; over broken creek bottom.</p>								
3235	<p>Same creek, course S. 55° W.; continue over broken creek bottom.</p>								
3295	<p>Same creek, course S. 15° E.; asc. broken NE. slope.</p>								
4810	<p>Spur, slopes N. 40° E.; desc. broken NW. slope.</p>								
5015	<p>Ravine, drains N. 3° E.; asc. NE. slope.</p>								
5323.10	<p>The cor. of secs. 15, 16, 21, and 22, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd.</p>								
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 2px;">T30S</td> <td style="padding: 2px;">R3W</td> </tr> <tr> <td style="padding: 2px;">S16</td> <td style="padding: 2px;">S15</td> </tr> <tr> <td style="padding: 2px;">S21</td> <td style="padding: 2px;">S22</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 2px;">1972</td> </tr> </table>	T30S	R3W	S16	S15	S21	S22	1972	
T30S	R3W								
S16	S15								
S21	S22								
1972									
	<p>from which the remains of an original bearing tree</p>								
	<p>A decayed fir stump, size indeterminate, bears S. 34 3/4° W., 28.0 ft. dist., with no marks visible. (Record, 31.0 ft.)</p>								
	<p>and bearing trees mkd. by Albright and Bowder</p>								
	<p>A fir, 12 ins. diam., bears N. 55 1/2° E., 17.5 ft. dist., with a healed blaze and steel spike, 1/4 in. diam., driven into left side.</p>								
	<p>A fir, 11 ins. diam., bears S. 41° E., 9.6 ft. dist., with a healed blaze and steel spike, 1/4 in. diam., driven into left side.</p>								
	<p>A fir, 11 ins. diam., bears S. 28° W., 15.2 ft. dist., with a healed blaze and steel spike, 1/4 in. diam., driven into right side.</p>								

Corrective Dependent Resurvey of a Portion of the
Subdivisional Lines,
T. 30 S., R. 3 W., Willamette Meridian, Oregon

FEET	
	<p data-bbox="493 289 1430 380">A fir, 12 ins. diam., bears N. 36 1/2° W., 29.6 ft. dist., with a healed blaze and steel spike, 1/4 in. diam., driven into right side.</p> <hr data-bbox="407 401 1425 405"/>