

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

FIELD NOTES
OF THE
CORRECTIVE DEPENDENT RESURVEY
OF THE LINE BETWEEN SECTIONS 23 AND 24,
AND THE DEPENDENT RESURVEY
OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 32 SOUTH, RANGE 7 WEST,
OF THE WILLAMETTE MERIDIAN,
IN THE STATE OF OREGON

EXECUTED BY

Kevin G. Mulder, Cadastral Surveyor

Under Special Instructions approved July 2, 2018,
and Supplemental Special Instructions approved December 12, 2018,
which provided for the surveys included under Group No. 2925,
and Assignment Instructions dated July 2, 2018,
and Supplemental Assignment Instructions dated December 12, 2018.

Survey commenced July 9, 2018

Survey completed December 12, 2018

T. 32 S., R. 7 W., Willamette Meridian, Oregon

FEET

The following field notes are those of the corrective dependent resurvey of the line between sections 23 and 24, and the dependent resurvey of a portion of the subdivisional lines, Township 32 South, Range 7 West, Willamette Meridian, Oregon.

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

In 1881, William H. Byars, U.S. Deputy Surveyor, surveyed the subdivisional lines, as shown on the official plat of survey approved May 31, 1882.

In 1975-76, G. Steven Popken and James J. Carlson, Cadastral Surveyors, resurveyed a portion of the subdivisional lines, as shown on the official plat of survey accepted November 14, 1977. Plat Suspended June 14, 1978, with Suspension lifted July 7, 1980.

In 1979, Lynn M. Roseberry, Cadastral Surveyor, correctively resurveyed a portion of the subdivisional lines, as shown on the official plat of survey accepted June 19, 1980. Plat Suspended August 1, 1989, with Suspension lifted January 7, 1992

During the course of field work, the official monument set by G. Steven Popken and James J. Carlson in 1975-76 for the 1/4 section corner of sections 23 and 24 was determined to be out of position. Supplemental Special Instructions for Group No. 2925 were issued to authorize the corrective dependent resurvey of the line between sections 23 and 24 per the memorandum dated December 12, 2018

The survey was executed in accordance with the specification set forth in the Manual of Surveying Instructions (2009), and the special instructions approved July 2, 2018, and the supplemental special instructions approved December 12, 2018, for Group No. 2925, Oregon.

The directions of the lines are based on the true meridian as determined by Global Positioning System (GPS) techniques and carried forward by sustained angulation using conventional survey techniques. All measurements along the lines were derived through the use of electronic measuring equipment. Measured distances and directions have been adjusted by computer software that incorporates a least squares adjustment routine. The adjusted mean bearings and mean horizontal ground elevation distances are reported to the nearest second and 0.01 foot.

Preliminary to the resurvey the lines of the official original surveys and resurveys were retraced and search was made for all corners, lines, other calls of the record, and, where available, collateral evidence of local surveys and corners. Identified corners were perpetuated in their original positions; lost corners were reestablished and monumented at proportionate positions based on the official record. The retracement data was thoroughly verified and only the true line field notes are given herein.

T. 32 S., R. 7 W., Willamette Meridian, Oregon

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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 and each monument established or reestablished has a magnet deposited in a white plastic case at the base of the stainless steel post, unless otherwise noted in the corner description.

Only those lines which represent the Bureau of Land Management (BLM) property lines were posted with aluminum angle posts, 5 feet long, 1 inch x 1 inch, blazed, painted, and tagged with BLM boundary signs.

The geographic position in NAD 1983 (2011) of the following corners as determined by ties from temporary GPS control points, established utilizing dual frequency, carrier phase GPS receivers, and processed using the National Geodetic Survey's Online Positioning User Service (OPUS):

The 1/4 section corner of sections 14 and 23:

Latitude: 42° 46' 54.73" N. Longitude: 123° 29' 45.08" W.

The corner of sections 23, 24, 25, and 26:

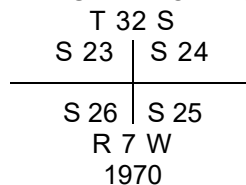
Latitude: 42° 46' 03.67" N. Longitude: 123° 29' 15.17" W.

**Corrective Dependent Resurvey of the Line Between Sections 23 and 24,
T. 32 S., R. 7 W., Willamette Meridian, Oregon**

Restoring the 1881 survey by William H. Byars and correcting the 1975-76 resurvey by G. Steven Popken and James J. Carlson

Beginning at the cor. of secs. 23, 24, 25, and 26, reported by Popken and Carlson in 1975-76, monumented with an iron post, 1 1/2 ins. diam., firmly set, projecting 14 ins. above the ground, with brass cap mkd.

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from which the remains of bearing trees reported by Popken and Carlson

A fir, 33 ins. diam., bears N. 24 1/2° E., 10.6 ft. dist., with a healed blaze. (Original) (Record, N. 21 1/2° E., 11.2 ft.)

A sawed fir stump, 30 ins. diam., bears S. 48 1/2° E., 46.2 ft. dist., with a healed blaze. (Record, 46.9 ft.)

**Corrective Dependent Resurvey of the Line Between Sections 23 and 24,
T. 32 S., R. 7 W., Willamette Meridian, Oregon**

FEET	
1324.73	<p>A fir, 44 ins. diam., bears N. 23 1/4° W., 41.9 ft. dist., with a healed blaze. (Record, N. 22° W., 42.9 ft.)</p> <p>and a new bearing tree</p> <p>A fir, 8 ins. diam., bears S. 64° E., 80.0 ft. dist., mkd. T32S R7W S25 BT.</p> <p>No suitable trees available in sec. 26.</p> <p>N. 3° 09' 42" E., bet. secs. 23 and 24.</p> <p>The S 1/16 sec. cor. of secs. 23 and 24, reported by Popken and Carlson in 1975-76, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd.</p> <p align="center">S 1/16 S 23 S 24 1976</p> <p>from which bearing trees reported by Popken and Carlson</p> <p>A fir, 33 ins. diam., bears N. 74 1/2° E., 34.4 ft. dist., with a healed blaze. (Record, N. 76 1/2° E., 36.3 ft.)</p> <p>A fir, 18 ins. diam., bears N. 11 1/4° W., 28.6 ft. dist., with a healed blaze. (Record, N. 10° W., 29.4 ft.)</p> <hr/> <p>N. 3° 18' 47" E., beginning new measurement.</p>
1324.28	<p>Point for the 1/4 sec. cor. of secs. 23 and 24, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <p align="center">T 32 S R 7 W 1/4 S 23 S 24 2018</p> <p>from which</p> <p>A fir, 35 ins. diam., bears S. 51° E., 30.6 ft. dist., mkd. X at breast height and BT at the base.</p> <p>A fir, 26 ins. diam., bears N. 87 3/4° W., 6.0 ft. dist., mkd. 1/4 S23 BT.</p> <p>From this cor., the 1/4 sec. cor. of secs. 23 and 24 erroneously established by Popken and Carlson in 1975-76, bears S. 0° 13' 35" W., 121.10 ft. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the official record. Reset the iron post flush with the ground. Remove all the marks except the</p>

**Corrective Dependent Resurvey of the Line Between Sections 23 and 24,
T. 32 S., R. 7 W., Willamette Meridian, Oregon**

FEET	<p>date 1976 from the brass cap and remark AM 121.10 FT. TO COR. 2018 and an arrow pointing to the cor. From which bearing trees reported by Popken and Carlson</p> <p style="padding-left: 40px;">A fir, 35 ins. diam., bears S. 47° E., 30.4 ft. dist., with a healed blaze.</p> <p style="padding-left: 40px;">A fir, 30 ins. diam., bears N. 53° W., 15.8 ft. dist., with a healed blaze.</p>										
3972.84	<p>The cor. of secs. 13, 14, 23, and 24, reported by Roseberry in 1979, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above the ground, in a collar of stone, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 0 10px;">T 32 S</td> <td style="border-left: 1px solid black; padding: 0 10px;">R 7 W</td> </tr> <tr> <td style="padding: 0 10px;">S 14</td> <td style="border-left: 1px solid black; padding: 0 10px;">S 13</td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black; height: 5px;"></td> </tr> <tr> <td style="padding: 0 10px;">S 23</td> <td style="border-left: 1px solid black; padding: 0 10px;">S 24</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 0 10px;">1976</td> </tr> </table> </div> <p>from which bearing trees reported by Roseberry</p> <p style="padding-left: 40px;">A fir, 28 ins. diam., bears N. 33° E., 48.2 ft. dist., with a healed blaze.</p> <p style="padding-left: 40px;">A fir, 29 ins. diam., bears S. 60 1/2° E., 18.5 ft. dist., with a healed blaze.</p> <p style="padding-left: 40px;">A fir, 15 ins. diam., bears S. 10° W., 37.7 ft. dist., with a healed blaze. (Record 38.3 ft.)</p> <p>and a new bearing tree</p> <p style="padding-left: 40px;">A fir, 7 ins. diam., bears N. 69 1/2° W., 21.2 ft. dist., mkd. T32S R7W S14 BT.</p> <hr style="border: 1px solid black; margin: 20px 0;"/> <div style="text-align: center; margin: 10px 0;"> <p>Dependent Resurvey of a Portion of the Subdivisional Lines, T. 32 S., R. 7 W., Willamette Meridian, Oregon</p> </div> <hr style="border: 1px solid black; margin: 20px 0;"/> <div style="text-align: center; margin: 10px 0;"> <p>Restoring the 1881 survey by William H. Byars, and the 1975-76 resurvey by G. Steven Popken and James J. Carlson,</p> <hr style="width: 20%; margin: 0 auto;"/> </div> <p>From the cor. of secs. 13, 14, 23, and 24.</p> <p>S. 87° 18' 30" W., bet. secs. 14 and 23.</p>	T 32 S	R 7 W	S 14	S 13			S 23	S 24	1976	
T 32 S	R 7 W										
S 14	S 13										
S 23	S 24										
1976											
2536.16	<p>The 1/4 sec. cor. of secs. 14 and 23, reported by Popken and Carlson in 1975-76, monumented with an iron post, 1 1/2 ins. diam., (Record 1 in diam.) firmly set, projecting 7 ins. above the ground, with brass cap mkd.</p>										

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**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 32 S., R. 7 W., Willamette Meridian, Oregon**

FEET

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T 32 S

S 14

1/4 ———

S 23

R 7 W

1970

from which bearing trees reported by Popken and Carlson

A fir, 34 ins. diam., bears N. 50° E., 15.2 ft. dist., with a healed blaze.
(Original)

A ponderosa pine, 38 ins. diam., bears S. 38 3/4° W., 28.3 ft. dist., with a
healed double blaze. (Record, S. 37 1/2° W., 29.0 ft.)
