

JOHNSON MAPPING SOFTWARE & PLOTTING SEMINARS

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Deed Plotter+for Windows (by Greenbrier Graphics)& the All Topo Maps (by iGage Mapping Co.)

"Computer Plotting of Legal Descriptions for the Layman[®]" Seminar

"Real Estate Mapping Computer Tools[®]" Seminar

Some of the Features of the PLS (Public Land Survey) Tool.

1). The PLS allows you to search for a location by Section, Township, Range and PM. By clicking on the "BinoLoc" button and inputting the Township 22 North, Range 1 East and Section 3, the program reported that this section was on the Richardson Springs, CA., 7.5 minute topo that was located on CD #4, then loaded it up and displayed the section.

2). The PLS always shows you the Qtr., Qtr, Section, Township, Range and PM (in the "Secondary Coordinate Indicator"), where the cursor is located, as you move the cursor across the screen. Look at the long white box below the Red - Horseshoe magnet and see that the "drag hand" cursor is located in the NW $\frac{1}{4}$ SE $\frac{1}{4}$ of this section. This indicator was set to show Qtr. Qtr., but can display Qtr., Qtr., Qtr., if you want.

3). The PLS "senses" the nearest GCDB corners that you can "snap" onto and click around an aliquot part parcel. Now look at the Red - Horseshoe magnet and see that it is indicating the nearest GCDB corner is the NW Corner of the NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec 3, T 22N R 1 E Mt. Diablo PM (in CA.).

4). The PLS allows you to actually input aliquot part parcels and it displays them on the map. The Red colored North 1/2 of the Section is the result of the N $\frac{1}{2}$ input in the "drop-down" BinoLoc button shown below. Because of that shown entry, the program then adds that info. into the Annotation Source File, shown here as Line #5.

```
1 <Symbol M=0> <X "C:\Greenbrier - Misc Stuff\Help for others\Chuck LaFlamme - CA\ChicoGarnerMaster.DXF"\
2 S=0.000000 R=358.000 Red W=1>
3 39° 46' 59.8" N, 121° 51' 25.3" W; RA1; ; SE SW $\frac{1}{4}$ SW $\frac{1}{4}$  S3 Date=20040308_171143_494
4 <Symbol M=2>
5 N  $\frac{1}{2}$  SEC 3 T 22 N R 1 E PM21 Draw; ; Date=20040309_095359_381
6
```

If you do not recognize the information in Lines 1-3 above, they are what gets put in the Annotation Source file when you import a Deed Plotter DXF file and attach it at some location. You can see the other three parcels in Red, which had a starting points of the West 1/16 corner, Common to Sections 3 & 10. See in the middle of line #3 above and you will find "SE SW $\frac{1}{4}$ SW $\frac{1}{4}$ S3" (which is one of the two correct Aliquot part formats for the W1/16 corner). This is telling you that you "snapped" to the SE Corner of that Qtr Qtr S3, and also reports the Lat./Lon. for that location at the beginning of line #3.

