

Some state Boards are coming up with new accuracy certifications based on GPS surveying.

For example, the proposed new standards from Kentucky will require $\pm 0.05'$ + 100ppm

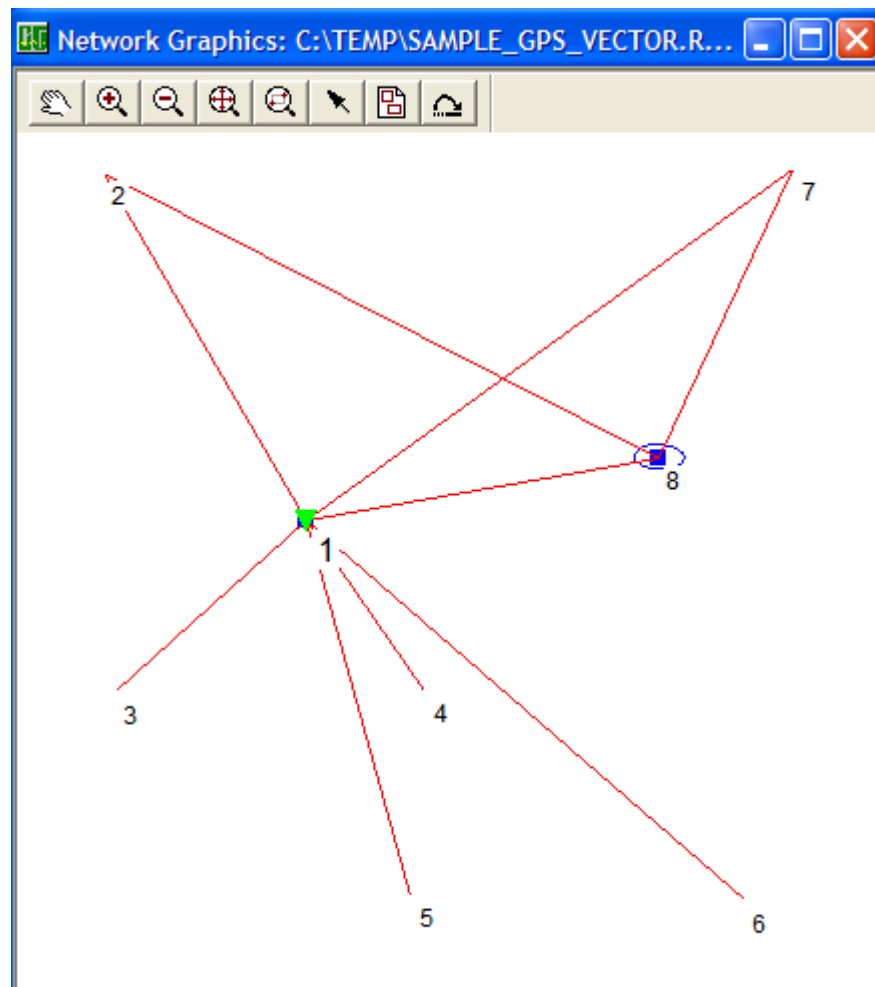
Run Survnet then click File / Open Project to open the *.PRJ file sample

You would need to click Settings / Project Settings:

- 1) in the "Input Files" tab click on the folder path for Raw Data File and click REMOVE then click ADD to add in the RW5 with the correct folder on your computer where you unzipped the attached files to
- 2) Repeat this step for the GPS Vector File
- 3) Then click the "Adjustment" tab and click "Select" to set the "Rel. Err Points File" then click OK

Now you can click "Process" and click "Network Adjust" to see your reports in all the different tabs including an "ALTA/Relative Error" tab

To see the Graphic Display you can click the "Eye" icon in the upper left just to the left of the ? question mark icon as shown below.





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Relative Error and ALTA Tolerances

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Alta Tolerance Report ,Specific Connections, 95% Confidence Interval

Sta.	Sta.	Dist.	Actual Semi Major	Allowable Semi Major	Ratio Actual/Allowable	Semi Minor	Max. Err. Az.
1	8	401.71	0.07	0.09	0.75	0.04	S 50-05'49.2"E

Alta Tolerance Report ,All Connections,95% Confidence Interval

Sta.	Sta.	Dist.	Actual Semi Major	Allowable Semi Major	Ratio Actual/Allowable	Semi Minor	Max. Err. Az.
7	8	358.39	0.09	0.09	1.10	0.05	S 66-32'28.2"E