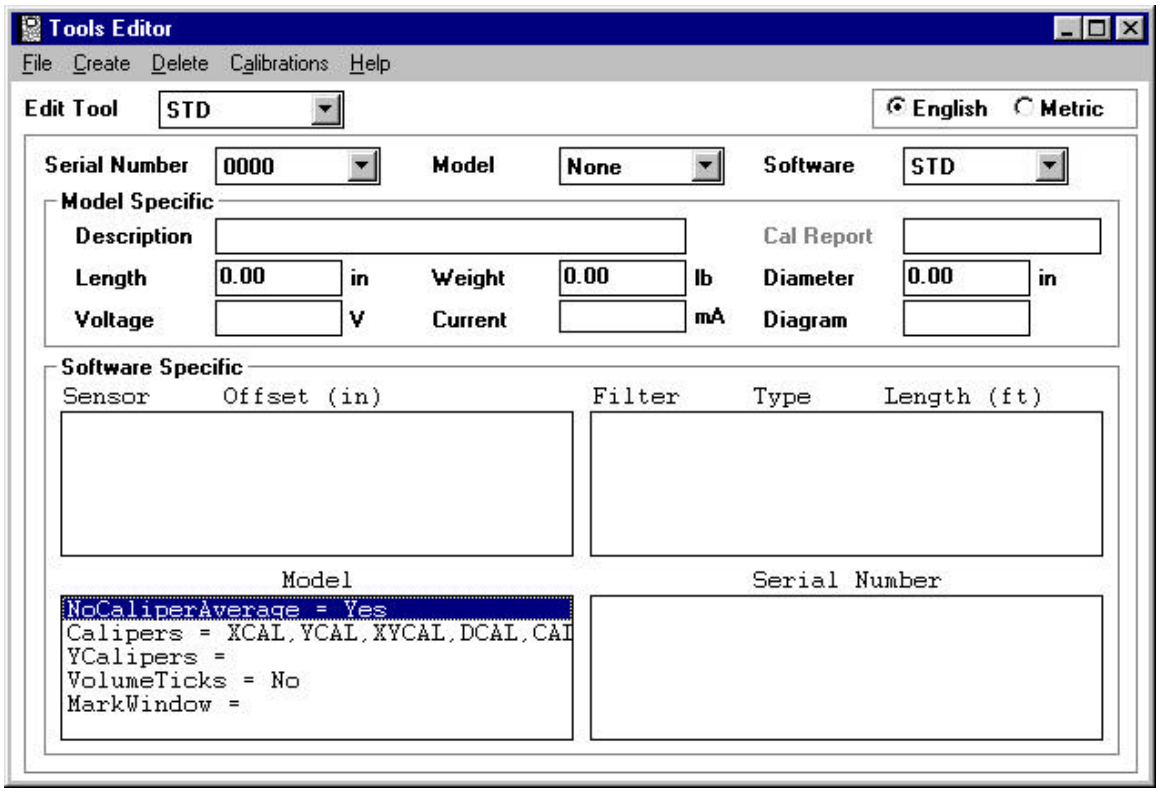
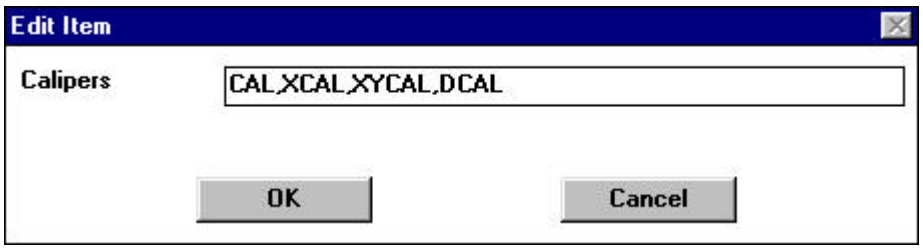
Borehole Volume

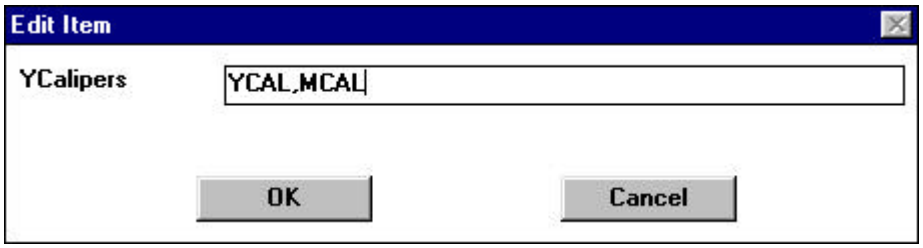
Program Setup:
From Warrior Utilities select ‘Edit Logging Tool Details’. From the Edit Tool drop down box select ‘STD’ Tool. From the Serial Number drop down box select the serial number of the STD tool.



Double click on the 'Calipers=' line. Enter a list of any output names, from all of your different services, that should be used as main ('X') caliper inputs into the borehole volume calculation. Separate multiple names by commas.

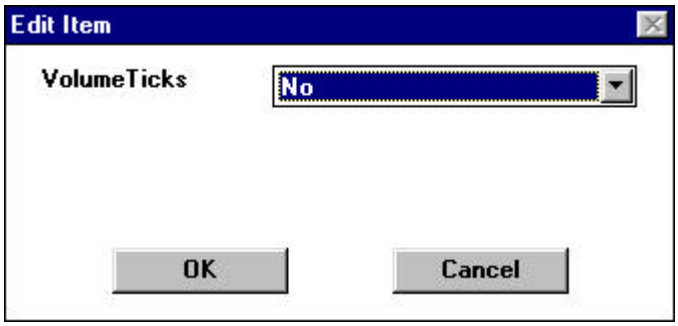


Repeat for the YCalipers line. Y calipers measure perpendicularly to X calipers and allow a better calculation with an elliptical hole.



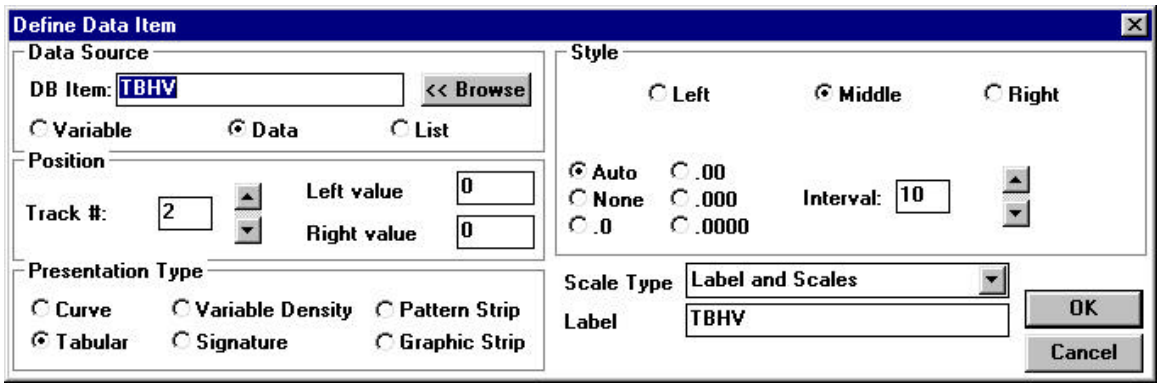
If any service has more than one X or more than one Y caliper then those readings will be averaged unless the NoCaliperAverage flag is set to Yes.

Double click on the 'VolumeTicks =' Line.
Select 'YES' if you want volume ticks displayed instead of a tabular output.
Each small tick equals 10 cubic feet or 1 cubic meter. Each large tick equals 10 small ticks.
Select 'NO' if you want a tabular output for volume.
You can get either ticks or tabular volume, not both.



From Acquisition 'Edit Variables' the 'BOREID' size and 'CASEOD' size must be entered correctly for a valid calculation of borehole volume.

A total borehole volume curve 'TBHV' must be added to the Log format as follows:



An annular bore hole volume curve ‘ABHV’ needs to be added to the log format as follows: