

Graph Margins and Rounding |

Sometimes PathTracker will display graphs that are left justified (or right justified). This might not be desirable if you are intending to include the graph in a report.

Fig A: below displays a graph that is left justified.

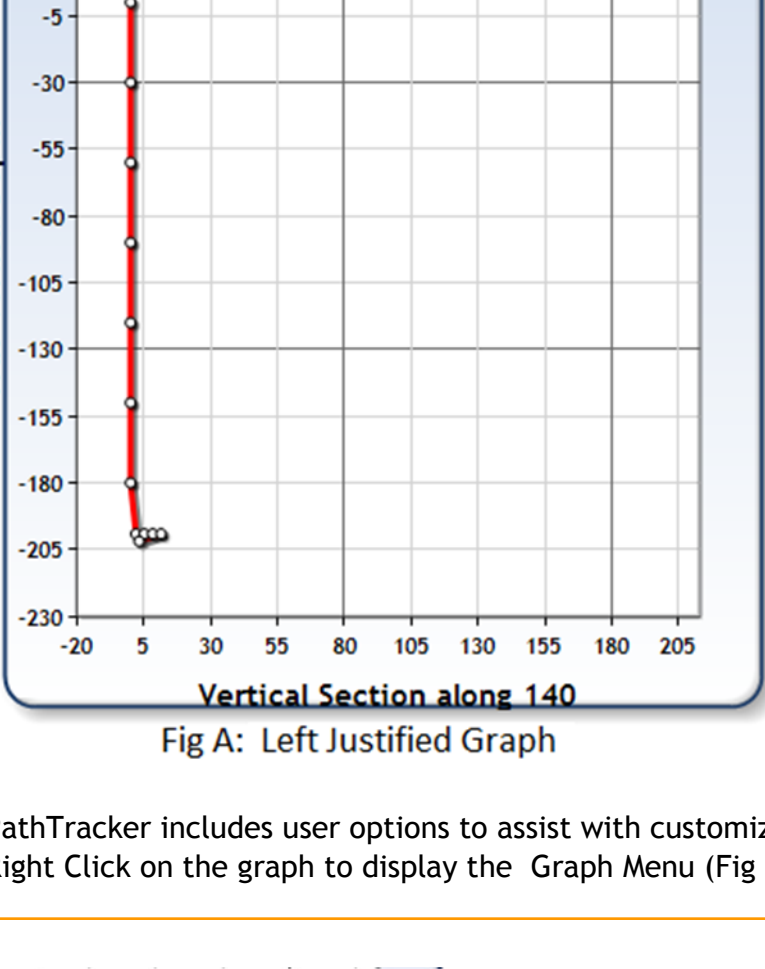


Fig A: Left Justified Graph

PathTracker includes user options to assist with customizing the graph. Right Click on the graph to display the Graph Menu (Fig B:).

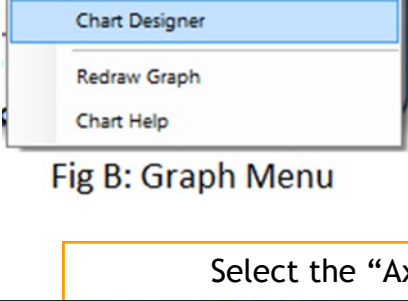


Fig B: Graph Menu

Select “Chart Designer”

Select the “Axis” tab.

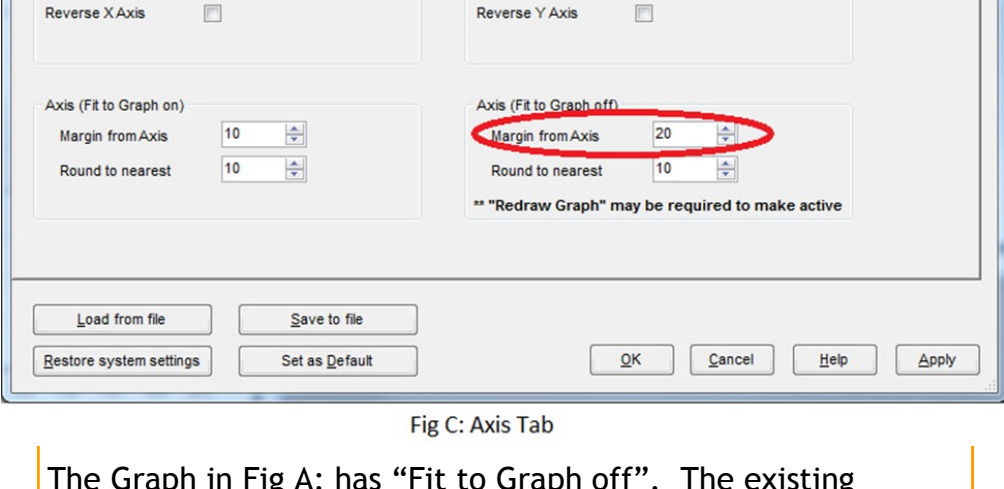


Fig C: Axis Tab

The Graph in Fig A: has “Fit to Graph off”. The existing “Margin from Axis” value” is 20. Change it to 80 and click OK.

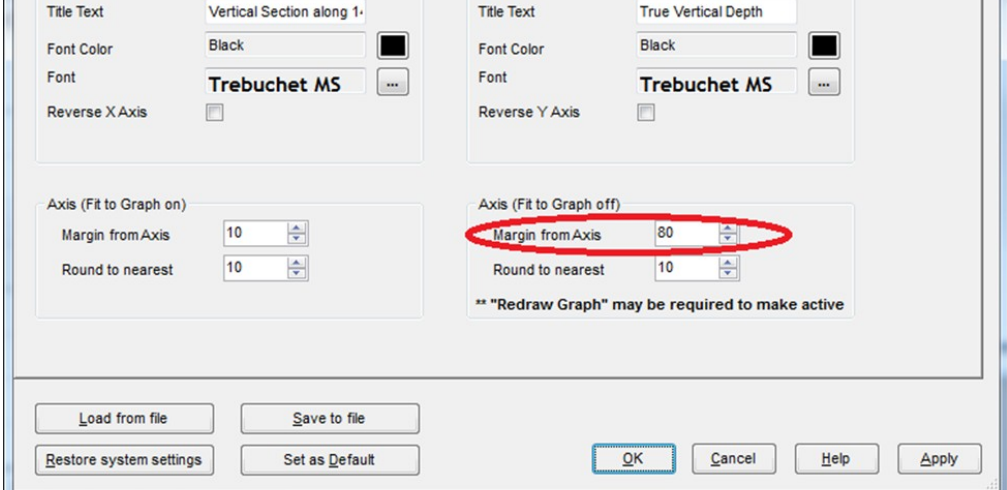


Fig D: Axis Tab (Modified)

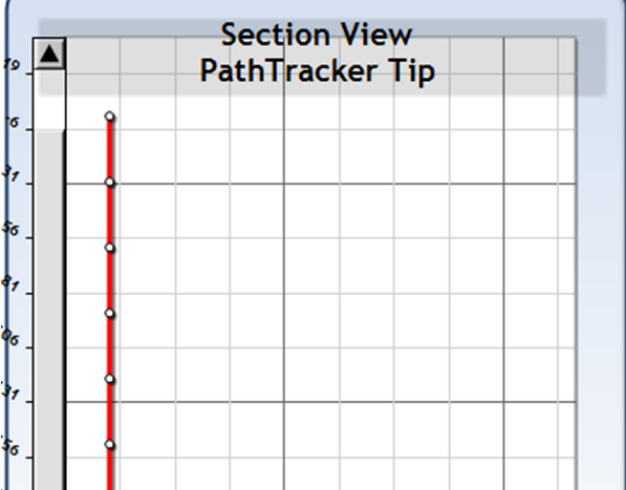


Fig E: PathTracker Graph

As Fig E: demonstrates, the graph plot is still left justified but now scroll bars are available. One more step is required to center the graph, we have to “Redraw the Graph”. Pathtracker provides several ways to redraw the graph. These include

Left clicking the mouse button (on the graph) and dragging the mouse.

Pressing the left and/or right arrow keys.

In this example pressing the right arrow key will reposition the plot as shown in Fig F:

Notice in Fig F the X axis values might not be aligned in a desirable manner. Pressing the left arrow key will re-arrange the X axis numbers (Fig G)

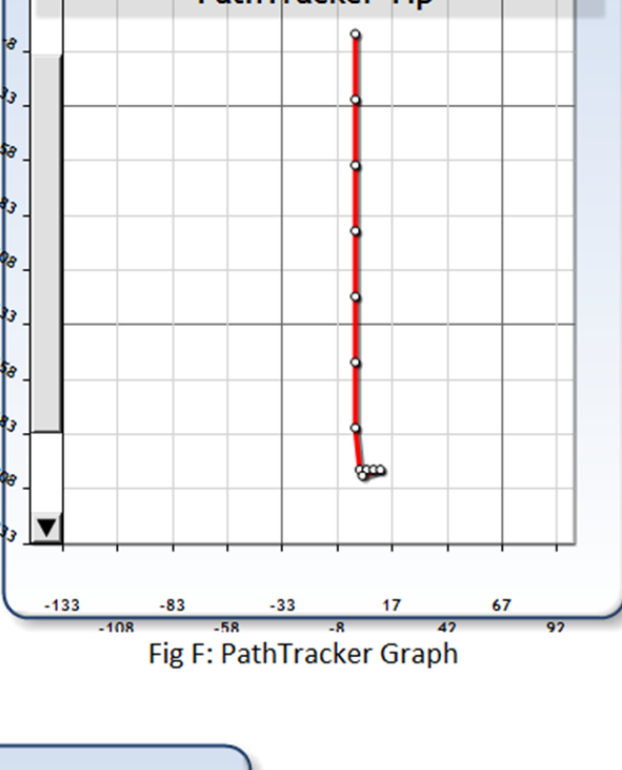


Fig F: PathTracker Graph

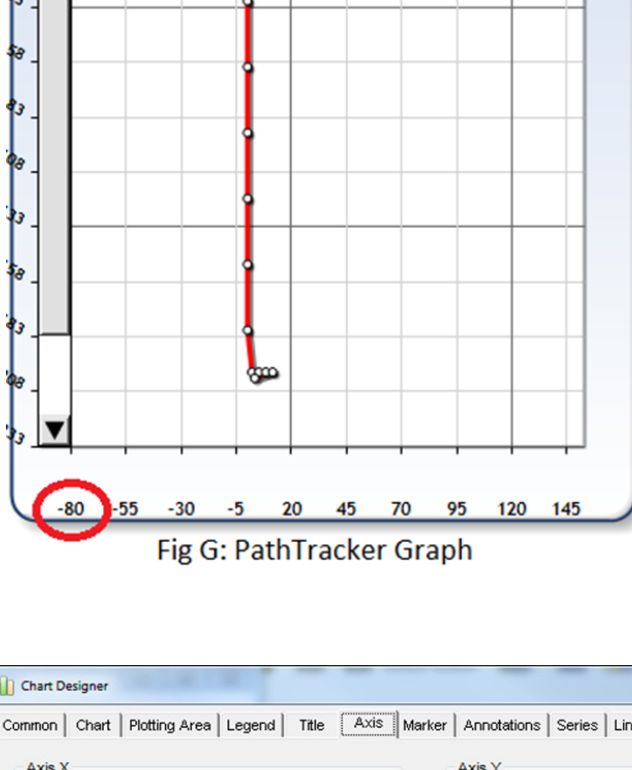


Fig G: PathTracker Graph

The -80 in Fig G: is not an accident. The “Margin from Axis” value 80 (set in Fig D:) ensures a graph margin of at least 80 units

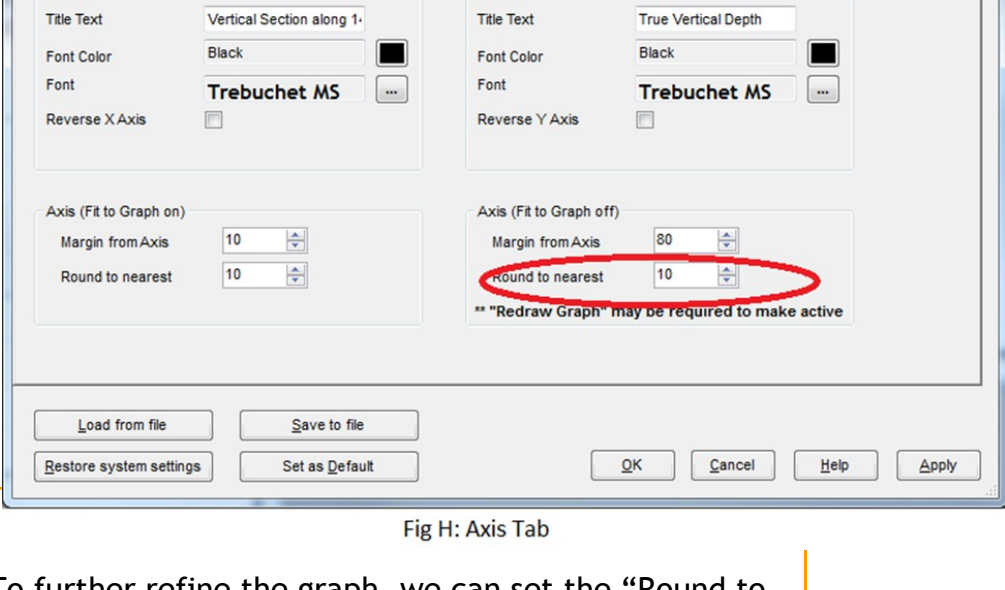


Fig H: Axis Tab

To further refine the graph, we can set the “Round to nearest” value to 100. This will ensure the graph will always start at a multiple of 100.

Example: (-300, -200, -100, 0, 100, 200, 300)

Change the 10 to 100 (Fig I:) and click OK

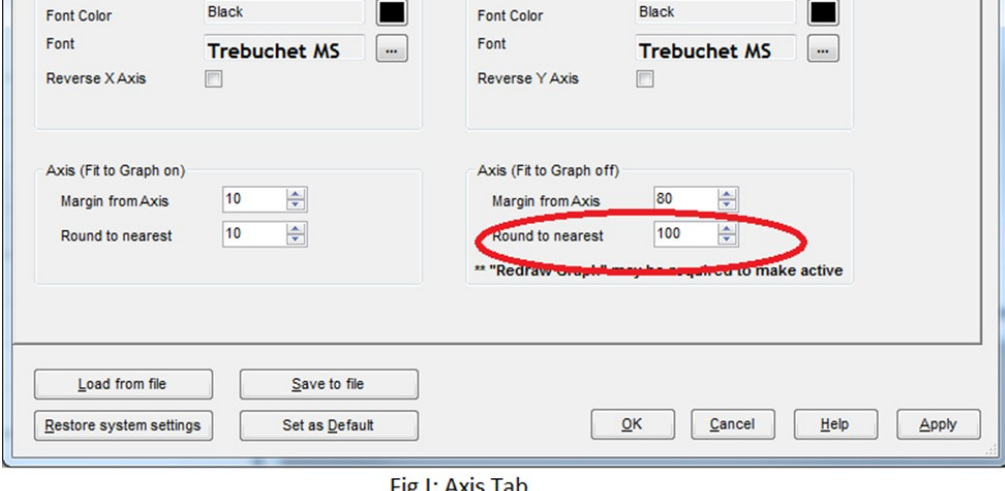


Fig I: Axis Tab

Press the Right Arrow key to “Redraw the Graph” to remove scroll bars (not Shown).

The resulting graph will start at -100 (Fog J:)

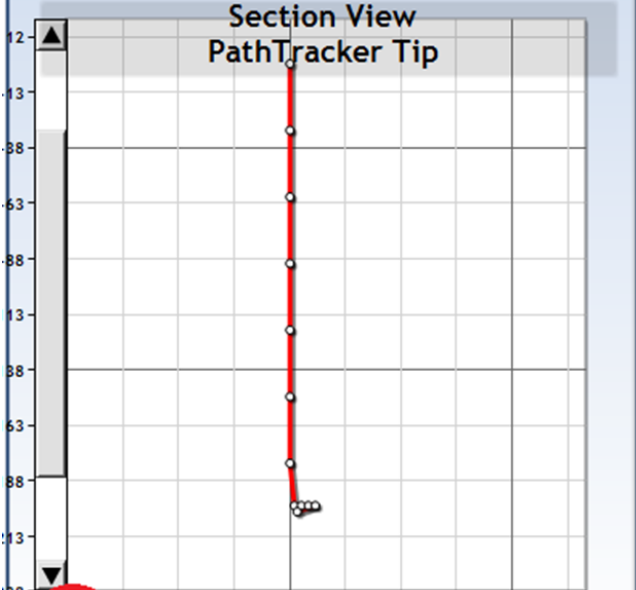


Fig J: PathTracker Graph

PathTracker is now configured to use margins of at least 80 units and round to the nearest 100