



Adjust Polyline with Bowditch

Command Description

The Adjust Polyline with Bowditch command allows the user to Adjust a 2d polyline/linestring using a Bowditch adjustment.

Adjust Polyline with Bowditch

PolyLine: [Selection Icon] [Text Box]

Close Point [Selection Icon] [Text Box]

Layer: [Dropdown Menu: 0]

Color: By Layer [Dropdown Menu]

[Apply] [Close]

1. Click in the **Polyline** selection field and then in the graphic view select the line you would like to adjust.
2. Click in the **Close Point** selection field then either input the coordinates or select in the graphic view the point the line should close to, e.g., known station or starting point.

Note: the starting point of the line is fixed and will not be adjusted so the direction of the line should be noted.

3. Select a **layer** to store the adjusted line on.
4. Select a **colour** for the adjusted line.
5. Click **Apply**, the adjustment preview window should display.
6. Set the **Maximum Allowable Misclose** and **Minimum Horizontal Precision Ratio** values. If the adjustment exceeds these tolerances a warning window will display when the adjustment is applied.
7. Click **Apply Adjustment** to create the adjusted line and see results.