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TerraMatch New Features

Arttu Soininen 03.02.2016



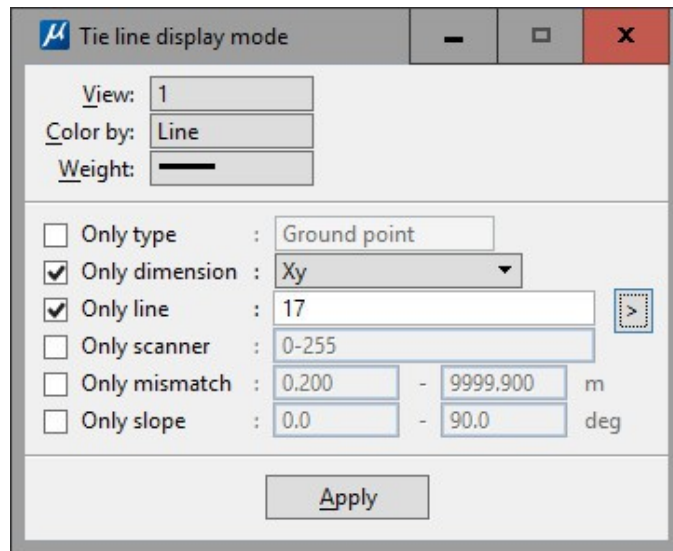
Better Handling of Big Tie Line Sets

- 64 bit version does not run into memory limitations
- Faster display
- Sparse display – will draw only every n:th tie line when zoomed out
- 64 bit version saves tie lines as a binary file (can read text files as well)

- Makes it possible to solve fluctuating corrections on big data sets

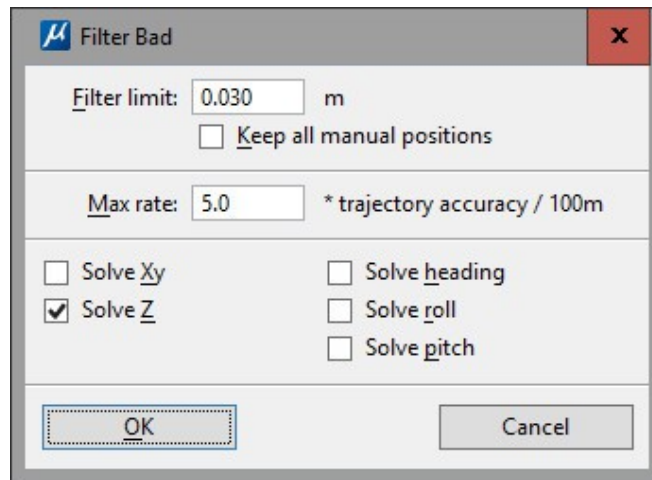
Display mode in tie lines

- Menu command for specifying how tie lines should be displayed
- You can:
 - Decide coloring (do not draw, by line or by scanner)
 - Decide line weight
 - Display only given type of tie lines
 - Display only Xyz, Xy or Z tie lines
 - Display only specific lines
 - Display only specific scanners
 - Display only tie lines with small/big mismatches
 - Display only tie lines with small/big slope



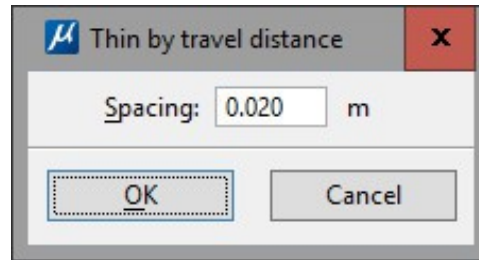
Filter bad in Tie Lines

- Removes bad tie line observations automatically
- Applies a fluctuating correction with a smoothed curve to tie lines and then removes observations with biggest residual mismatches
- Repeats the process until all residual mismatches are small
- Makes it possible to collect observations automatically, filter automatically and have a good solution



Position / Thin by travel distance

- Removes tie lines very close to each in terms of travel distance
- Good for:
 - Removing tie lines collected while not moving
 - Removing unnecessary density



Position / Report gaps

- Answers question: Have I done enough tie lines?
- Finds long intervals in trajectories without a tie line observation
- Reports all intervals longer than given limit

