



Integrating the Geospatial Workplace

## Tie Line Improvements

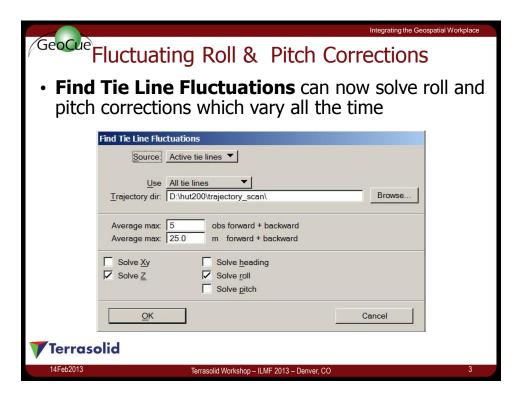
- Save results after each block setting when searching on a project
- Tools / Transform tie lines for applying a TerraScan transformation to tie lines
- Delete / By criteria menu command for deleting observations by tie line type, line number, scanner number, range, 3d mismatch, xy mismatch or z mismatch distance

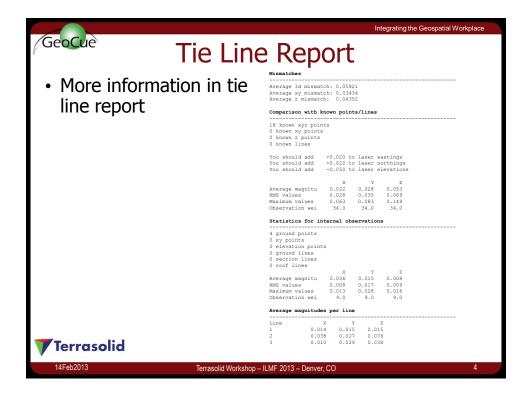


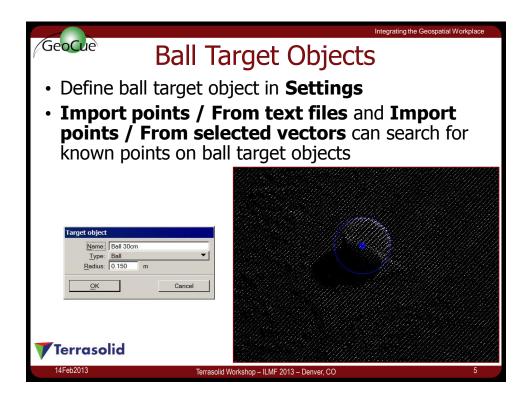
14Feb2013

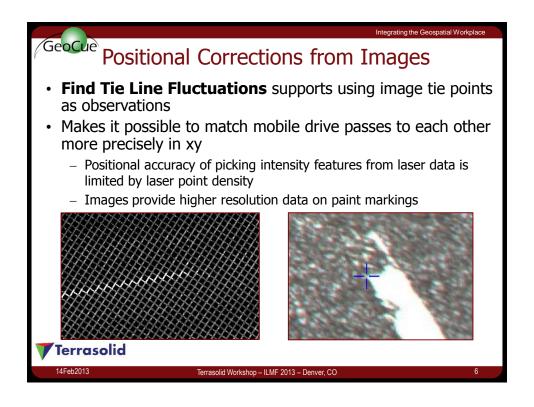
Terrasolid Workshop - ILMF 2013 - Denver, CO

2









## Geocue Example Mobile Road Workflow

- Collect signal markers from laser data and apply fluctuating xyz correction to laser and images
- Collect tie points in signal marker area and solve camera misalignment angles
- Compute depth maps using laser data close in time
- Collect **Depth** tie points on paint markings seen by multiple drive passes (about 25 m spacing)
- Solve and apply fluctuating xyz correction matching drive passes to each other
- Search flat ground tie lines (about 2 m spacing)
- Solve and apply fluctuating z (+pitch) correction matching drive passes to each other

**Terrasolid** 

14Feb2013

Terrasolid Workshop - ILMF 2013 - Denver, CO

7