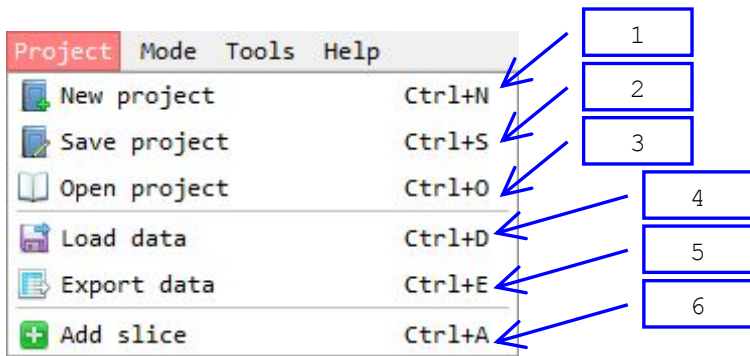


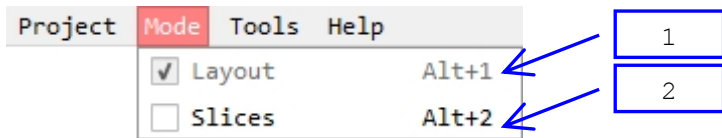
Repository: <https://bitbucket.org/KBE2015/iisystem/downloads>
Bug tracking system: <https://bitbucket.org/KBE2015/iisystem/issues>

MAIN MENU

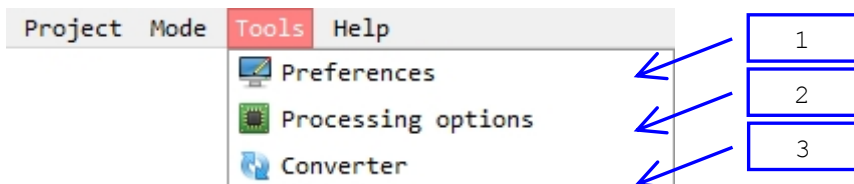


1. Create new project.
2. Save current project.
3. Open saved project.
4. Add data from QZS file to current project^[1].
5. Export current project data to other formats.
6. Add data slice^[2].

[1] This option is available in LAYOUT mode.
[2] This option is available in SLICES mode.

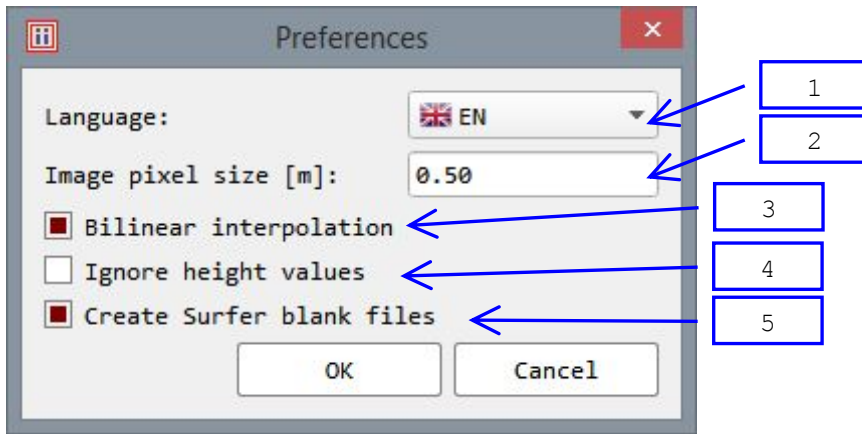


1. Use LAYOUT mode to add, remove, enable, disable and arrange tracks.
2. Use SLICES mode to view data as horizontal and vertical slices.



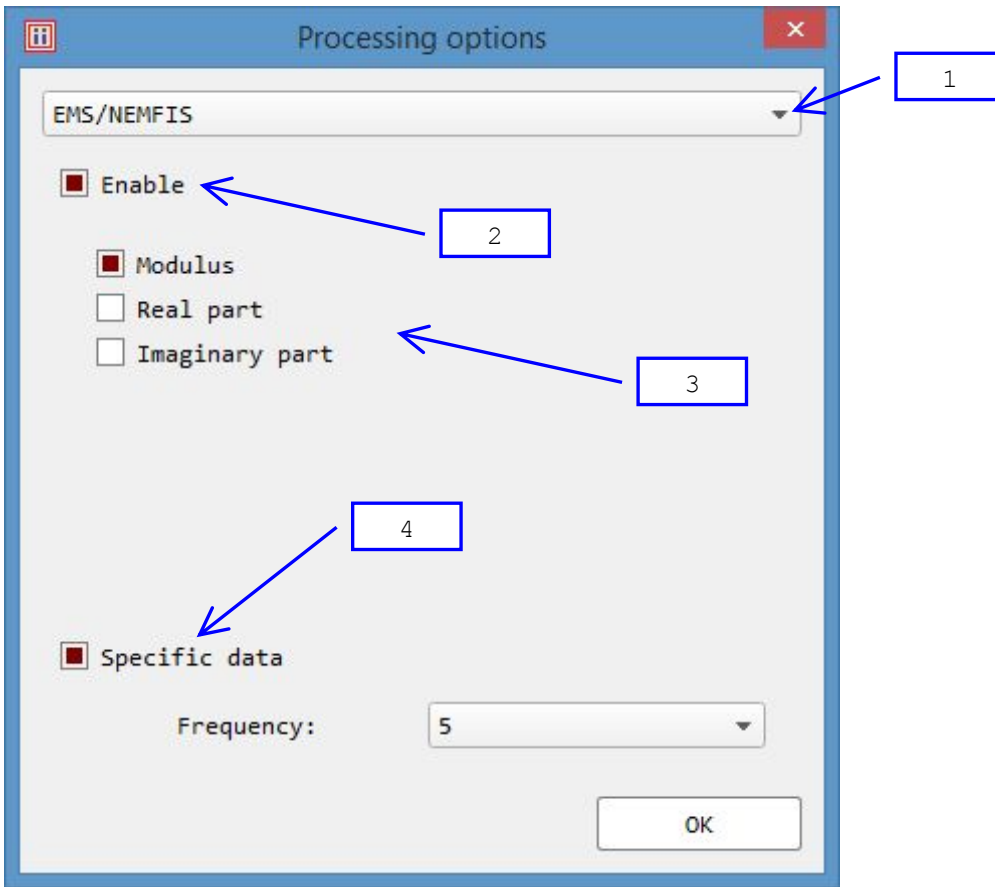
1. General preferences^[1].
2. Probe-specific data processing options^[1].
3. *.QZS to *.EMS converter. Choose file to convert.

[1] This option is available in LAYOUT mode.



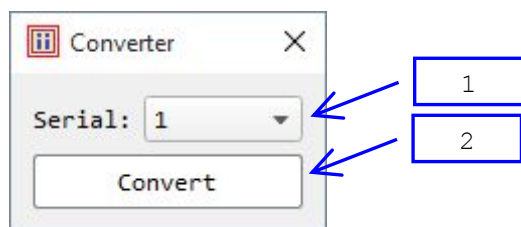
1. User interface language^[1].
2. Smaller values cause higher slices resolution and longer computation.
3. Bilinear interpolation causes higher image quality.
4. Assume that surface is flat.
5. Create BLN files when exporting to Surfer format.

[1] Restart iiSystem to apply.

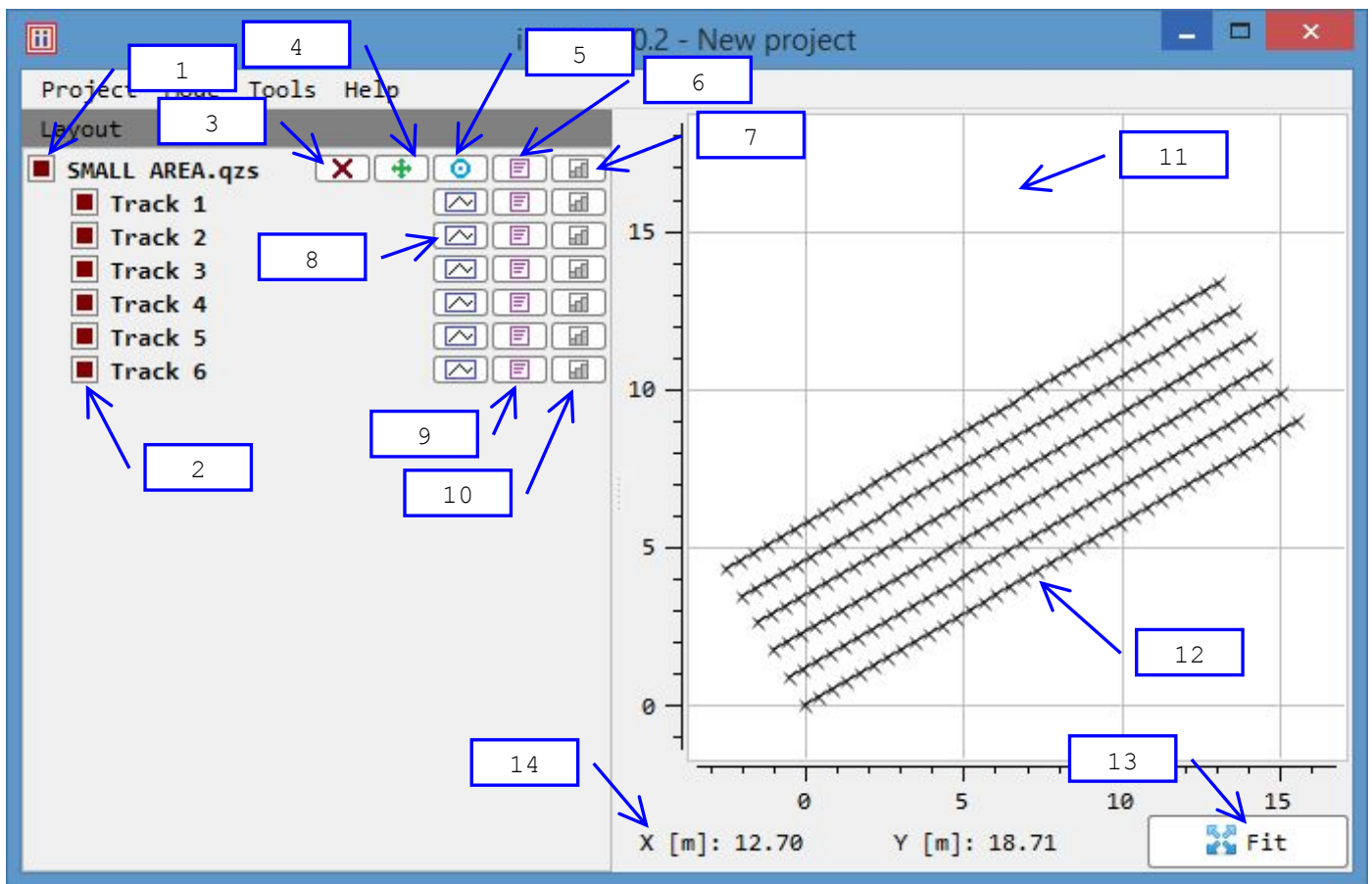


1. Choose probe.
2. Check to enable probe data.
3. Probe-specific data processing options.
4. Check to enable specific data only.

TOOLS → CONVERTER

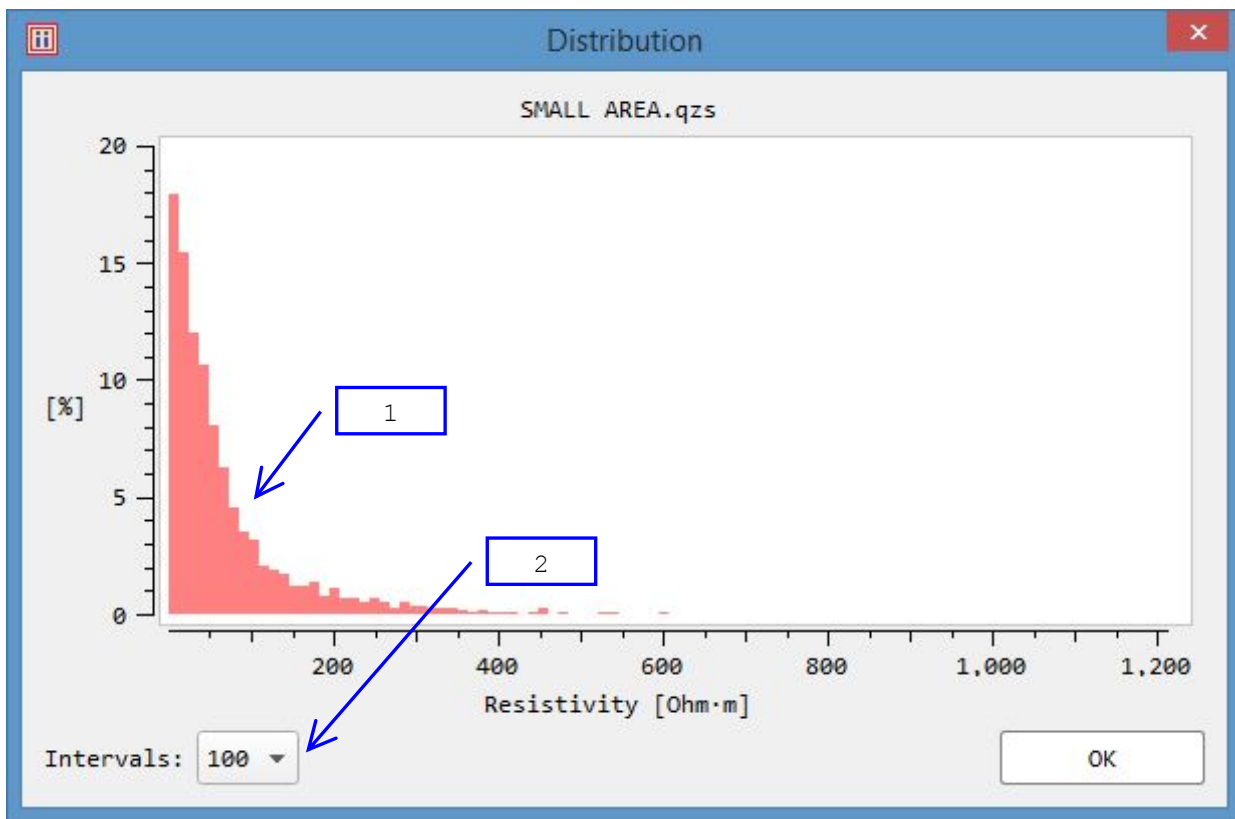


1. Choose EMS/NEMFIS serial number.
2. Create *.EMS file in same folder.



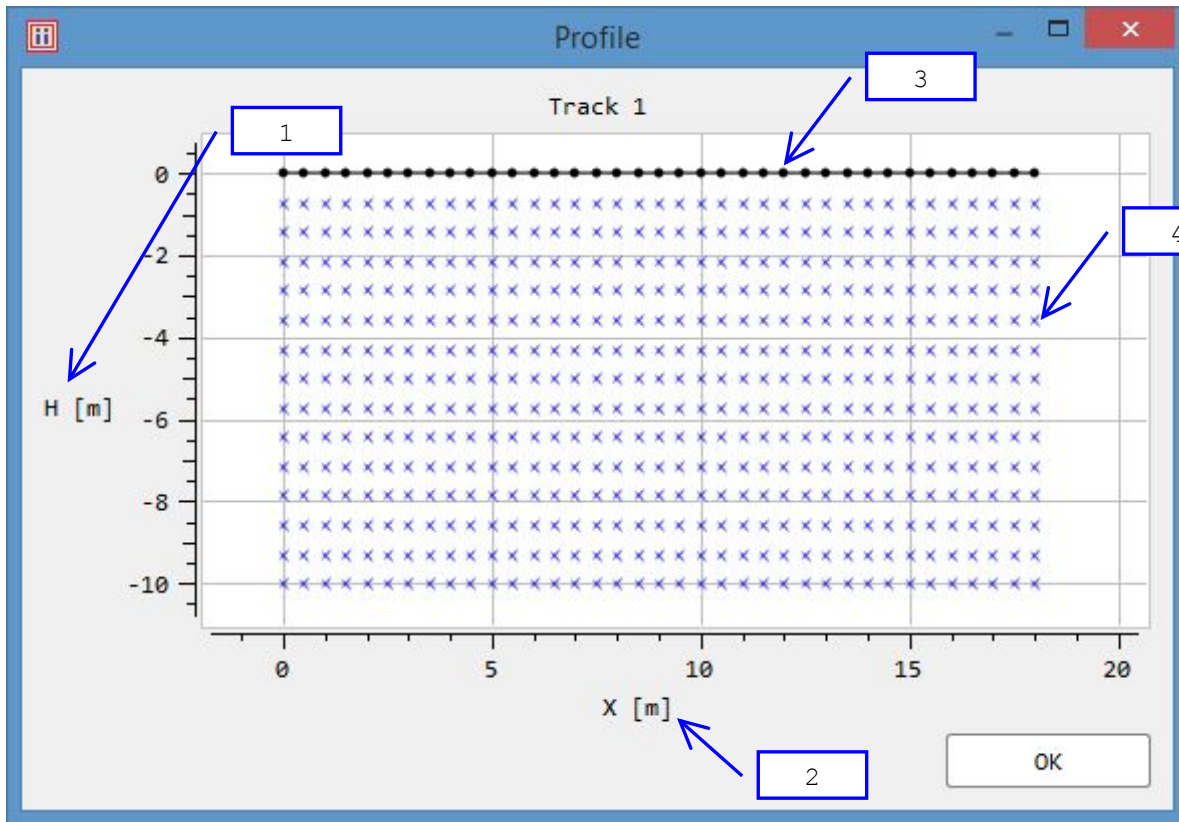
1. QZS file "SMALL AREA" is enabled.
2. QZS file "SMALL AREA" contains 6 tracks. All tracks are enabled.
3. Remove file.
4. Move all file tracks.
5. Rotate all file tracks around its first track beginning.
6. View file info.
7. View file resistivity bar chart.
8. View track profile.
9. View track info.
10. View track resistivity bar chart.
11. Map plot. Use left mouse button to pan and mouse wheel to zoom.
12. Tracks. Every measurement position is marked with "x" symbol.
13. Fit all tracks in map plot.
14. Current mouse pointer coordinates.

RESISTIVITY BAR CHART

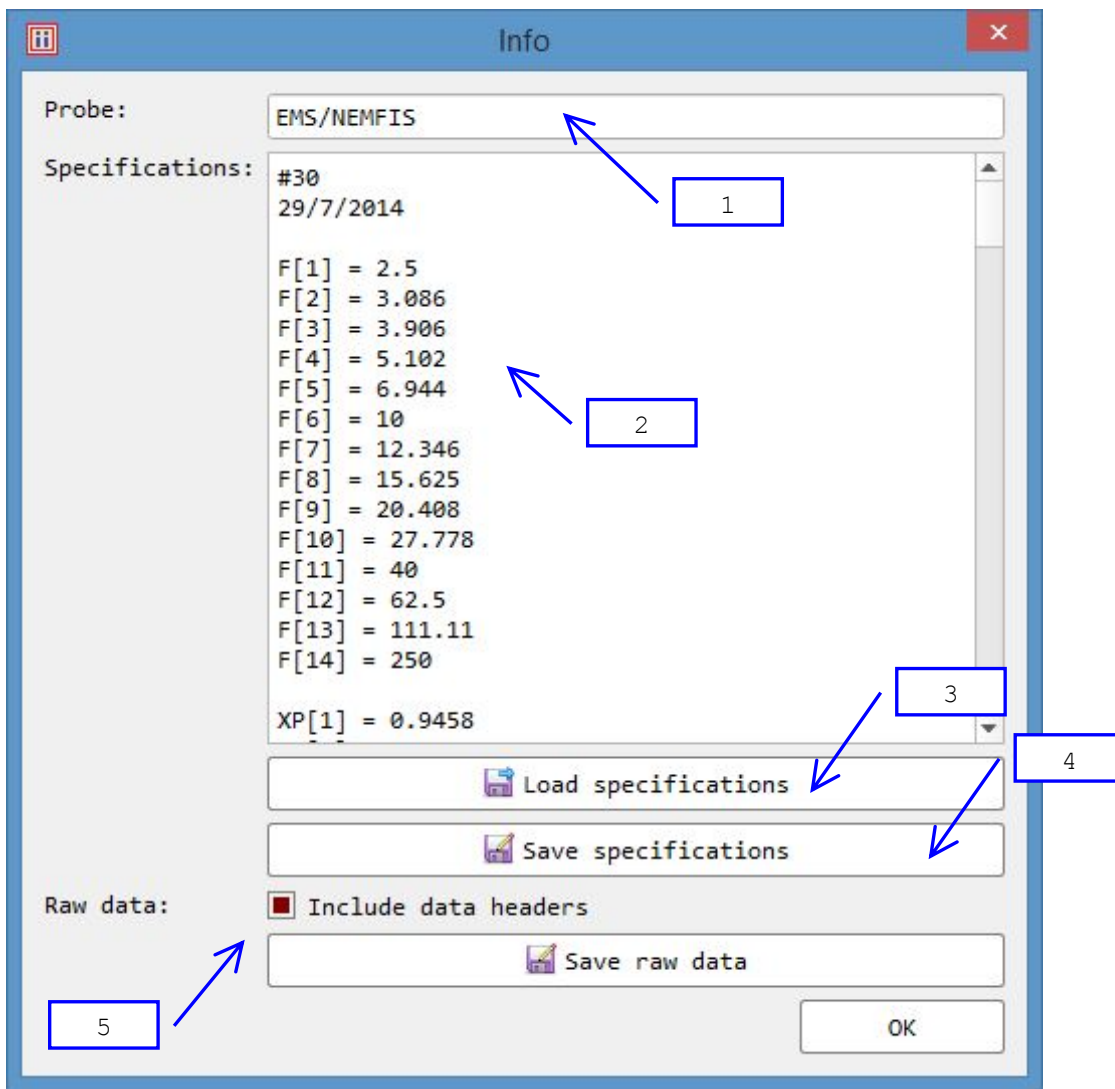


1. Bar chart.
2. Chart bars count.

TRACK PROFILE

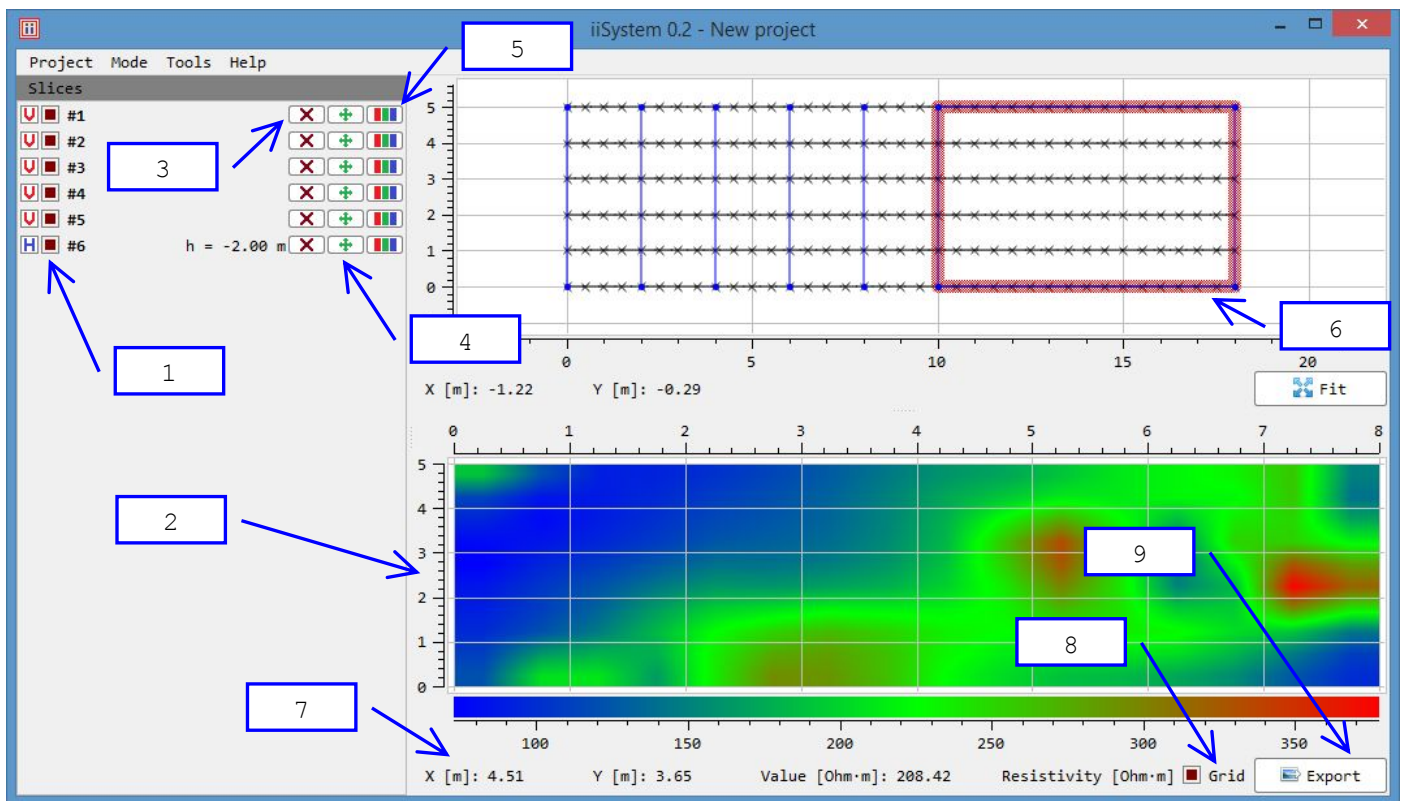


1. Height.
2. Horizontal position.
3. Every measurement position is marked with "o" symbol.
4. Every measurement is marked with "x" symbol.



1. Probe used to scan track.
2. Probe specifications.
3. Replace current probe specifications with other ones.
4. Save current probe specifications.
5. Save probe raw data to table.

SLICES MODE



1. Project contains 6 slices. Slices #1 ... #5 are vertical^[1], slice #6 is horizontal^[1] at height -2.0^[2] m. All slices are shown as blue figures.
2. Slice view plot.
3. Remove slice.
4. Move slice.
5. View slice.
6. Horizontal slice #6 is currently shown.
7. Current mouse pointer coordinates and resistivity value.
8. Show grid.
9. Export current image to other formats.

[1] V = vertical, H = horizontal.

[2] In this project all tracks does not contain height data, so surface is located at height 0.0 m.

ADD SLICE

The image shows two side-by-side 'Add slice' dialog boxes. The left dialog is for 'Slice 12' and is set to 'Vertical'. It has fields for X1 [m]: 8, Y1 [m]: 0.00, X2 [m]: 8, and Y2 [m]: 5.00. The right dialog is for 'Slice 15' and is set to 'Horizontal'. It has a 'Height [m]: -2.00' field and corner coordinates: X1 [m]: 10.00, Y1 [m]: 0.00, X2 [m]: 10.00, Y2 [m]: 5.00, X3 [m]: 18.00, Y3 [m]: 5.00, X4 [m]: 18.00, Y4 [m]: 0.00. Both dialogs have 'OK' and 'Cancel' buttons at the bottom. Blue arrows point from numbered callouts (1-6) to specific fields: 1 points to the title, 2 to the orientation, 3 to the vertical X1 field, 4 to the vertical Y2 field, 5 to the horizontal height field, and 6 to the horizontal X3 field.

1. Slice title.
2. Slice orientation.
3. Vertical slice beginning coordinates.
4. Vertical slice ending coordinates.
5. Horizontal slice height.
6. Horizontal slice corner coordinates.