Planning 3D Survey in Tesseral Pro

www.tesseral-geo.com
Type of 3D survey design

• Orthogonal
• Shot in crankshaft pattern
• Diagonal
Editing with rotation
Moving Source and receiver lines in desired direction.
Recording patch design
Position survey design on topographic map
Load survey from SPS files
Survey design manipulation
Dialog of determining survey layout
In our example let’s define Orthogonal layout.
Entering intervals between sources and receivers on the grid
The starting point and the length and azimuth of the grid location of sources and receivers. These parameters can be edited interactively.
Turning by mouse
Streching/squeezing by mouse
At pushed button of editing of the survey grid

Turning by mouse
Streching/squeezing by mouse
Streching/squeezing by mouse
After turning and stretching
Buttons of Editing Modes of the survey system
Using Topographic plan it is possible to overlay it with desired 3D Survey Planning Map, correct number, direction and distance between In-Lines and Cross-lines; edit positions of Shot and Receiver Stations.
Calculate Theoretical 3D Survey Fold for picked bin size.
Picked 3D shooting patch.