



**Figure 9. Proposed CD seismic experiment.**

Blue: cross-rift deployment, 8 in-line shots (UK), + 2 fan shots (USA).

Red: along-rift deployment, 8 in-line shots and 2 fan shots (USA).

Solid lines: 490 seismometers spaced over 400 km (800-m spacing).

Region inside fan shots contains an additional 250 seismometers.

Black lines: main rift escarpment. Ellipses indicate magmatic segments; darker shading indicates magmatic segments without axial graben.