Stacking Chart

Here we have 50 shots at Δs = 2 m intervals pushing an off-end spread of ng = 50 receiver groups at Δg = 2 m intervals. Minimum offset 0 m, maximum offset 98 m.

Generally there will be separate **midpoints** at intervals $\Delta m = \frac{1}{2}\min(\Delta s, \Delta g)$. At each midpoint the maximum **fold** (the number of traces summed into each trace of a common-midpoint stack) will be $fold_{\max} = \frac{1}{2}\frac{ng\,\Delta g}{\Delta s}$, decreasing to zero at the ends of the survey. For this case the maximum fold is 25.