```
sound speed used : 1500.0 m/s
ship transducer depth : 2 m
release to anchor : 1 m


file : ranges.txt

std error first pass 18.97
fit x =  36.53, y =  23.13, z1 =  89.26
std error second pass 1.61
fall back 43.2 (m)
anchor solution lat -42.59337 lon 148.24152
release depth   89.3 anchor depth   92.3
```

ranges.txt
anchor   92.3(m) lat,lon -42.59337 148.24152 deg
mean error 2nd pass 1.61 (m)
red - 2nd pass, blue-star 1st pass, black circle - 1sd