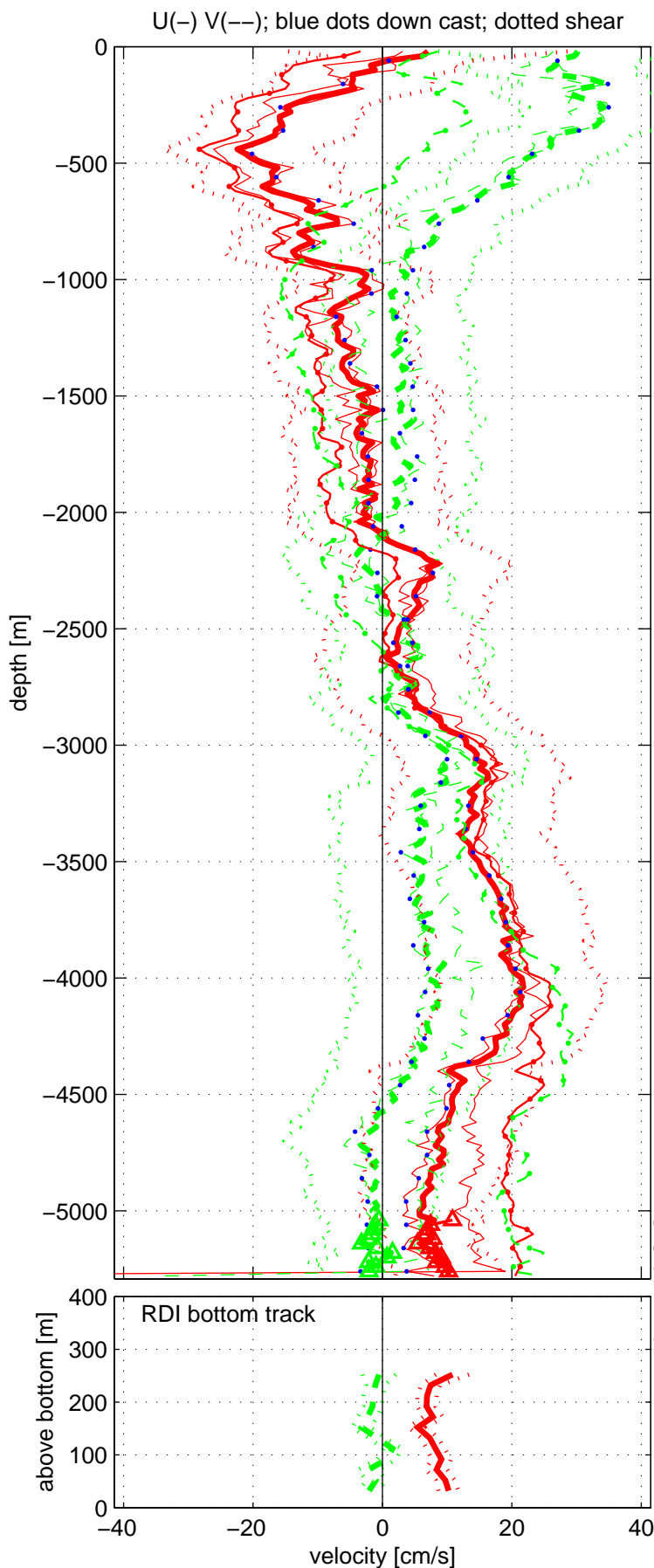


Station : AB1502_AT_SEA_006 Figure 1



Start: 26° 29.9479'N 71° 59.8605'W

18-Feb-2015 02:07:09

End: 26° 30.4440'N 71° 57.9883'W

18-Feb-2015 05:28:21

u-mean: 4 cm/s v-mean 6 cm/s

binsize do: 16 m binsize up: 8 m

S/N down : 18144 S/N up : 21584

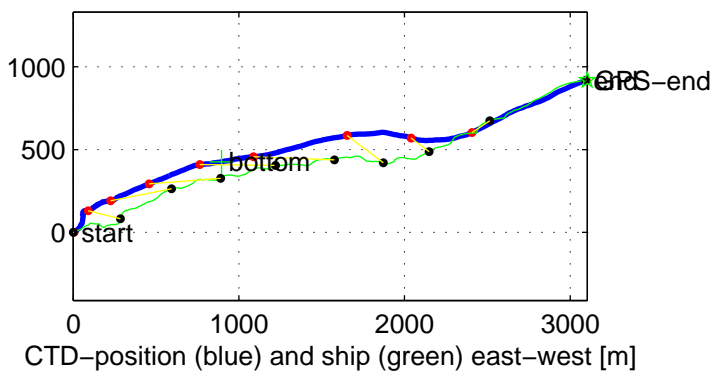
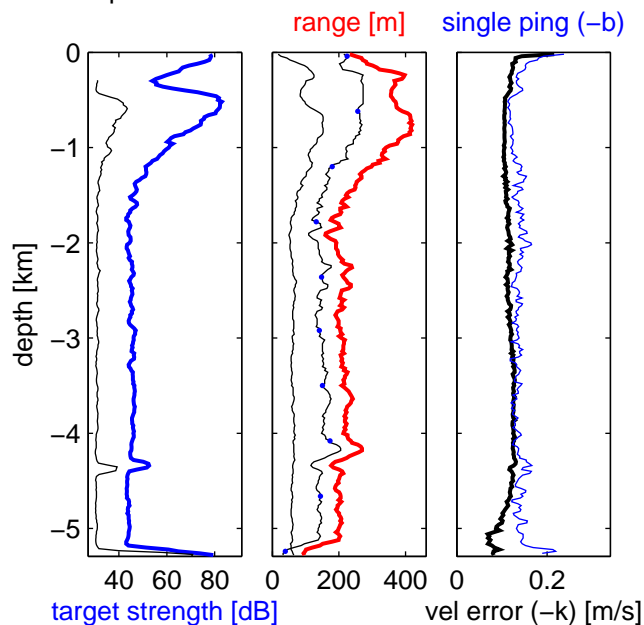
mag. deviation -11.2°

wdiff: 0.08 pglim: 0.3 elim 0.2

bar:1.0 bot:5.0

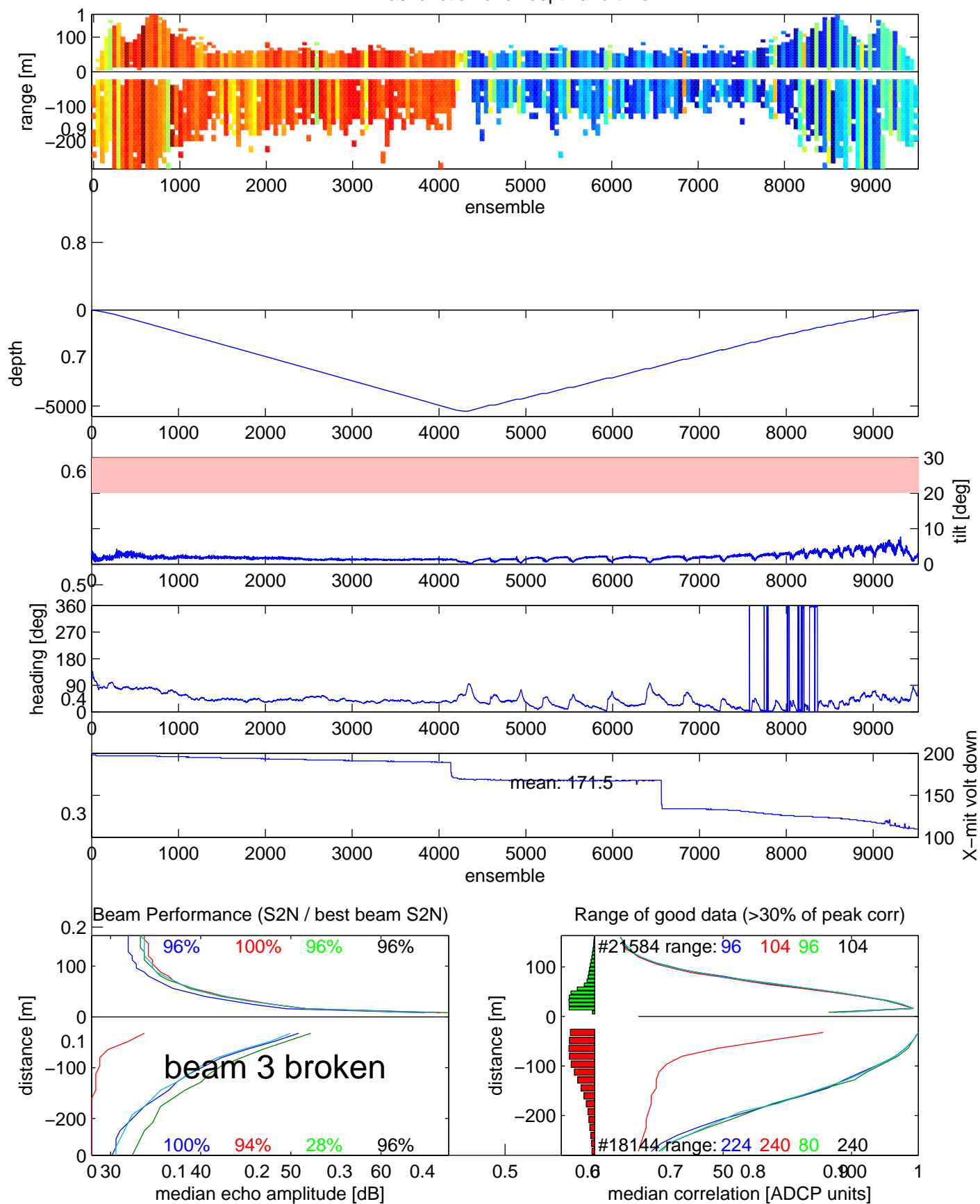
weightmin 0.1 weightpower: 1.0

max depth: 5275 m bottom: 5292 m

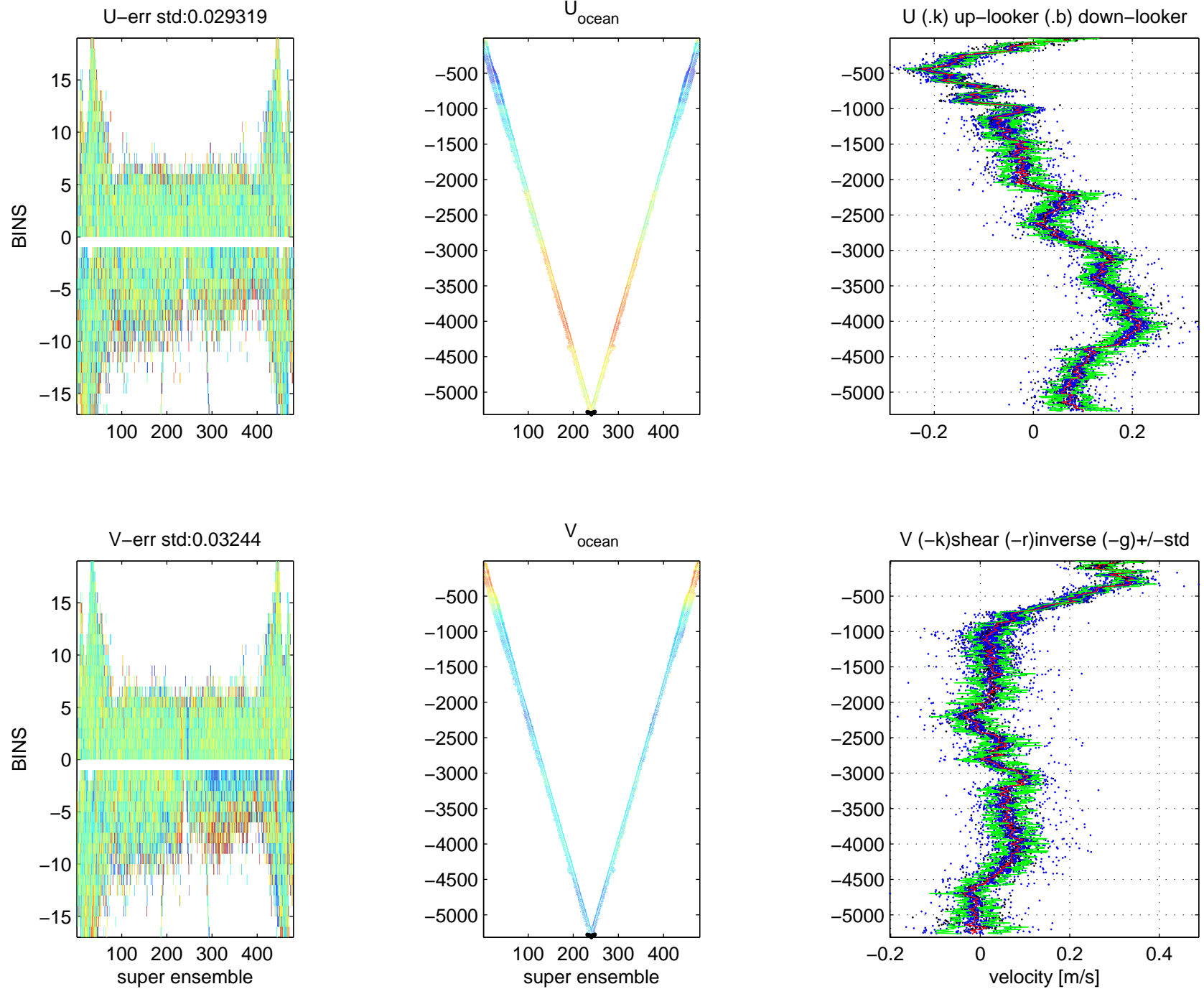


AB1502_AT_SEA_006 Figure 2

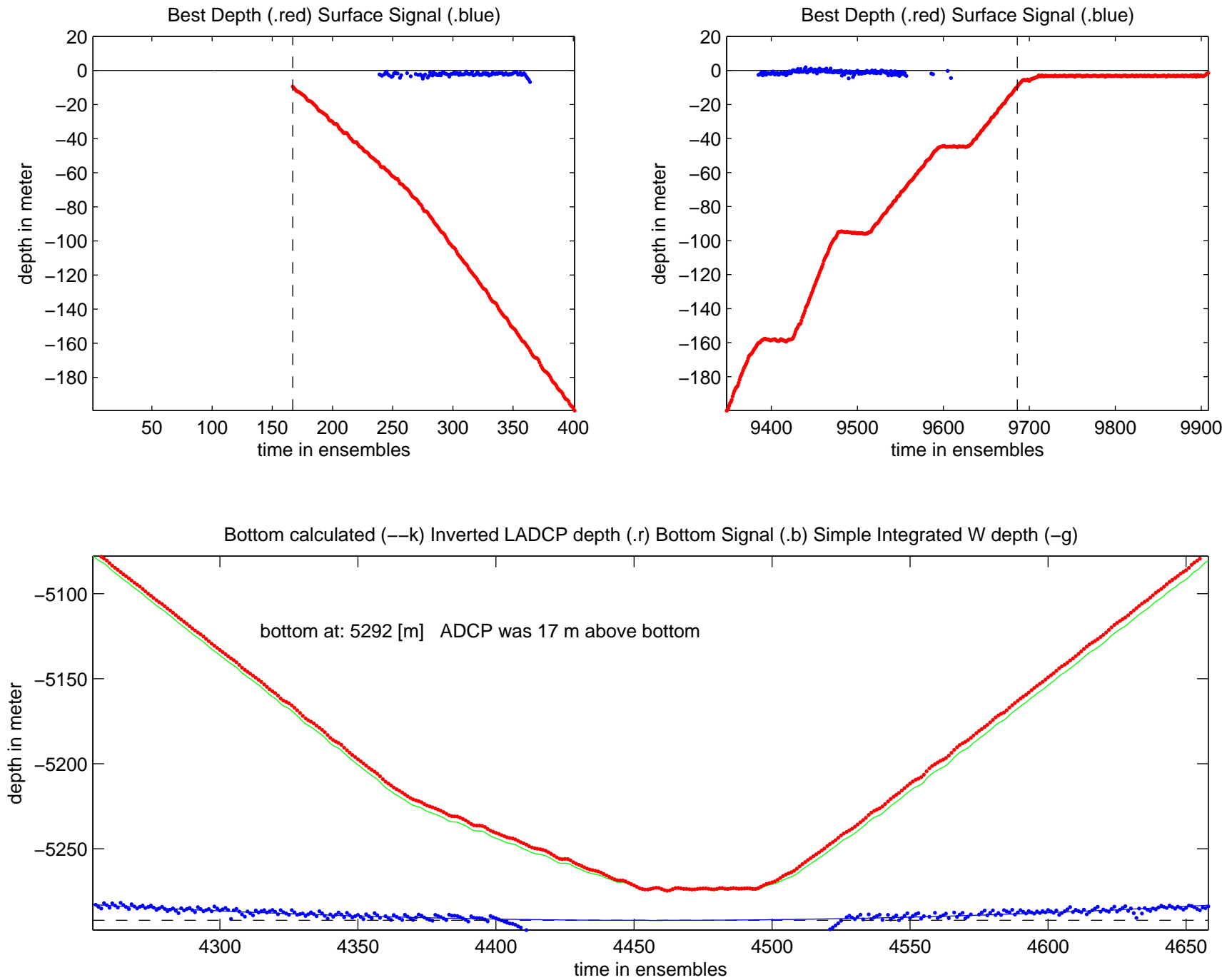
W as function of bindepth and time



AB1502_AT_SEA_006 Figure 3

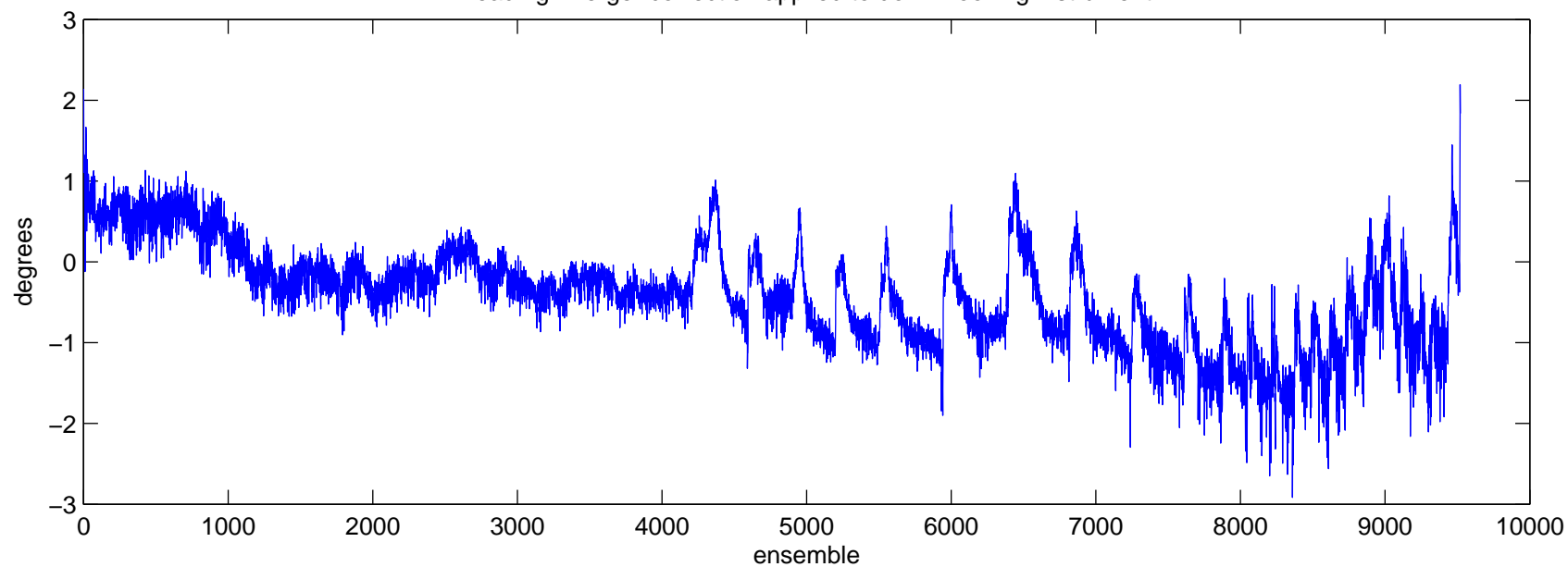


AB1502_AT_SEA_006 Figure 4

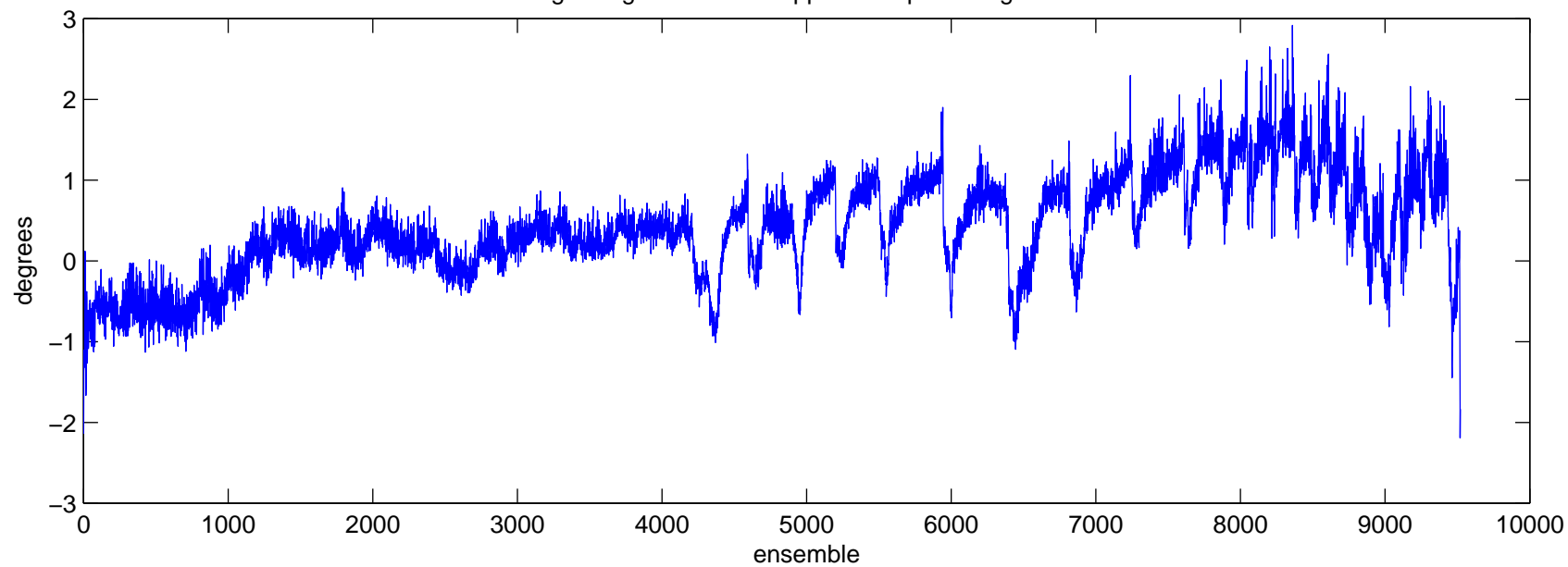


AB1502_AT_SEA_006 Figure 5

heading-merger correction applied to down-looking instrument

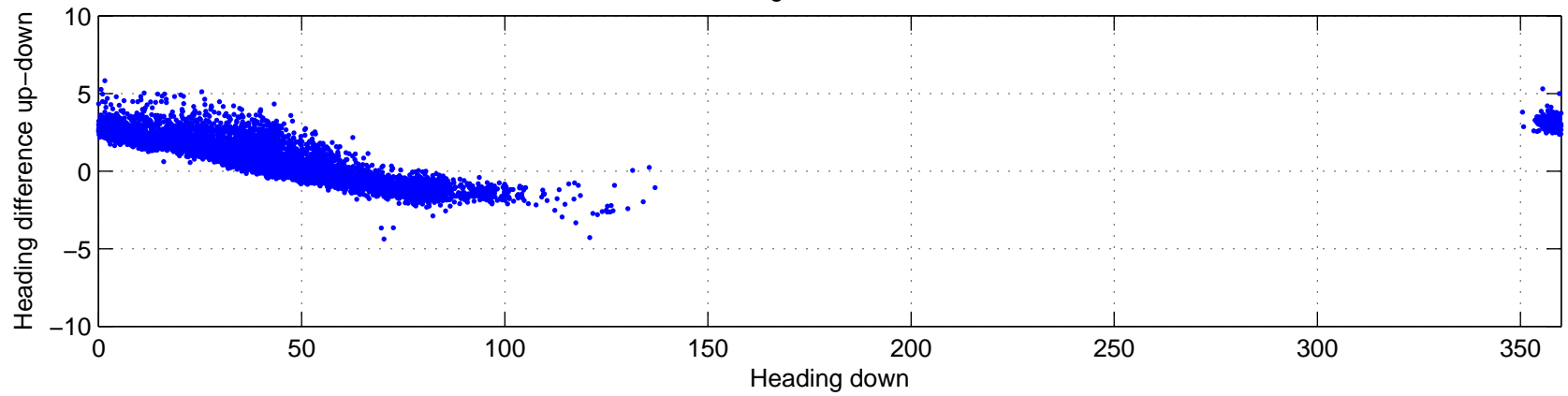


heading-merger correction applied to up-looking instrument

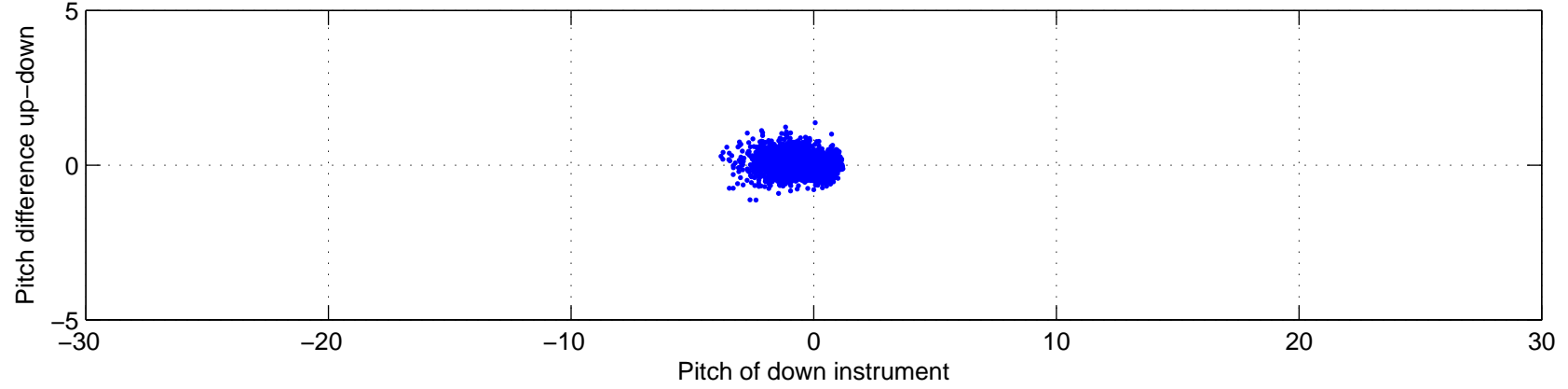


AB1502_AT_SEA_006 Figure 6

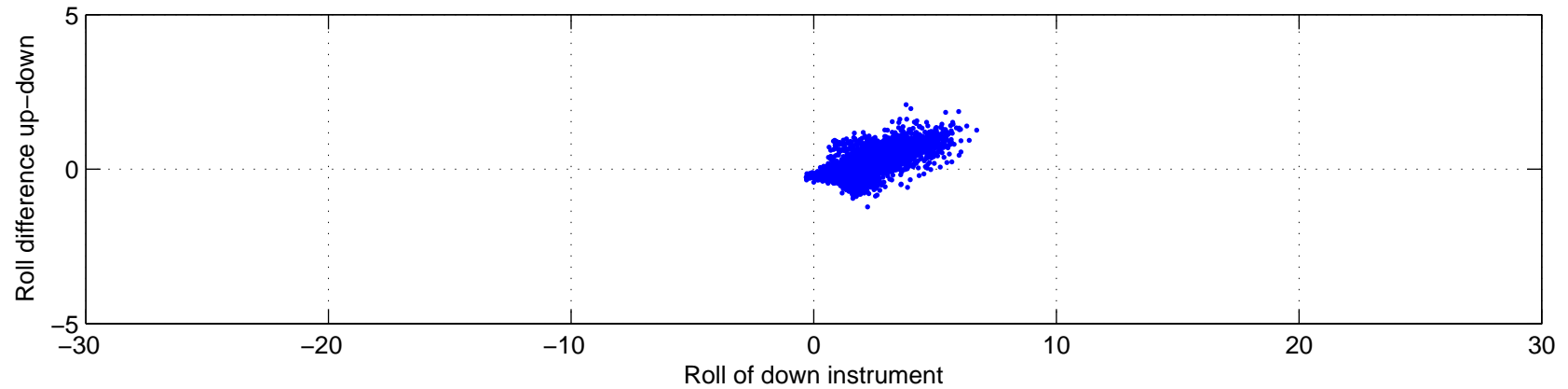
Heading offset : -93.9926



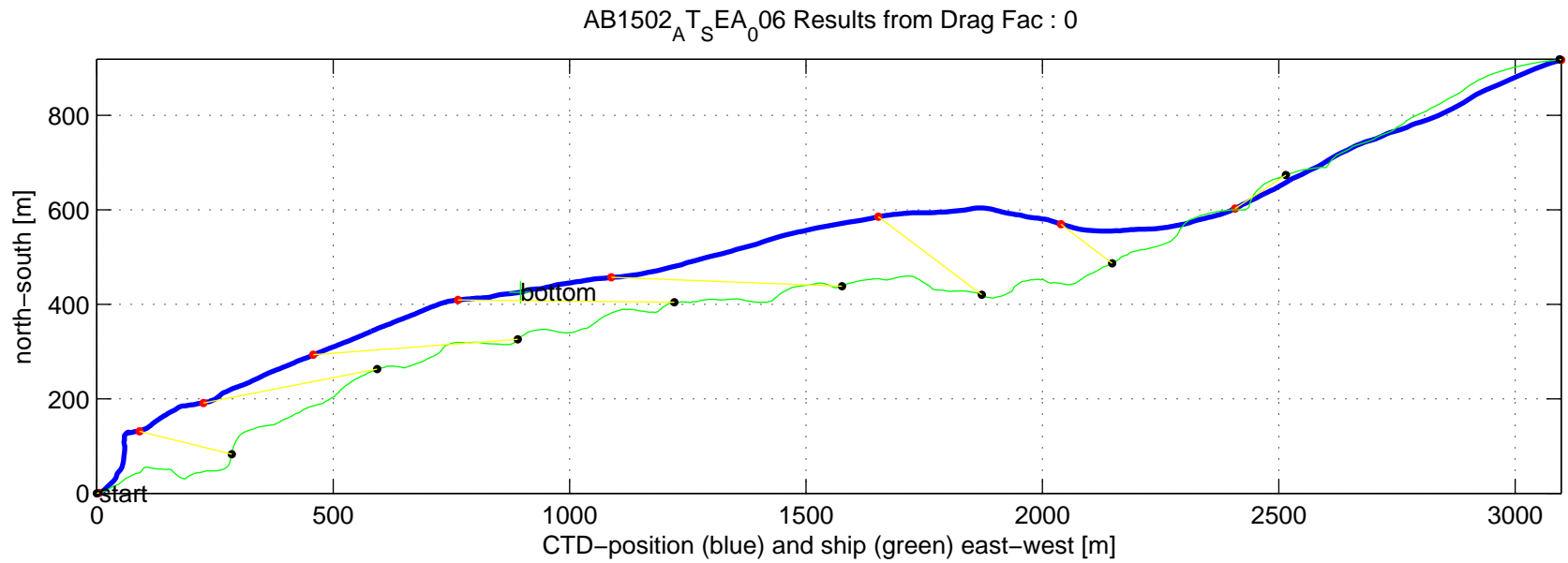
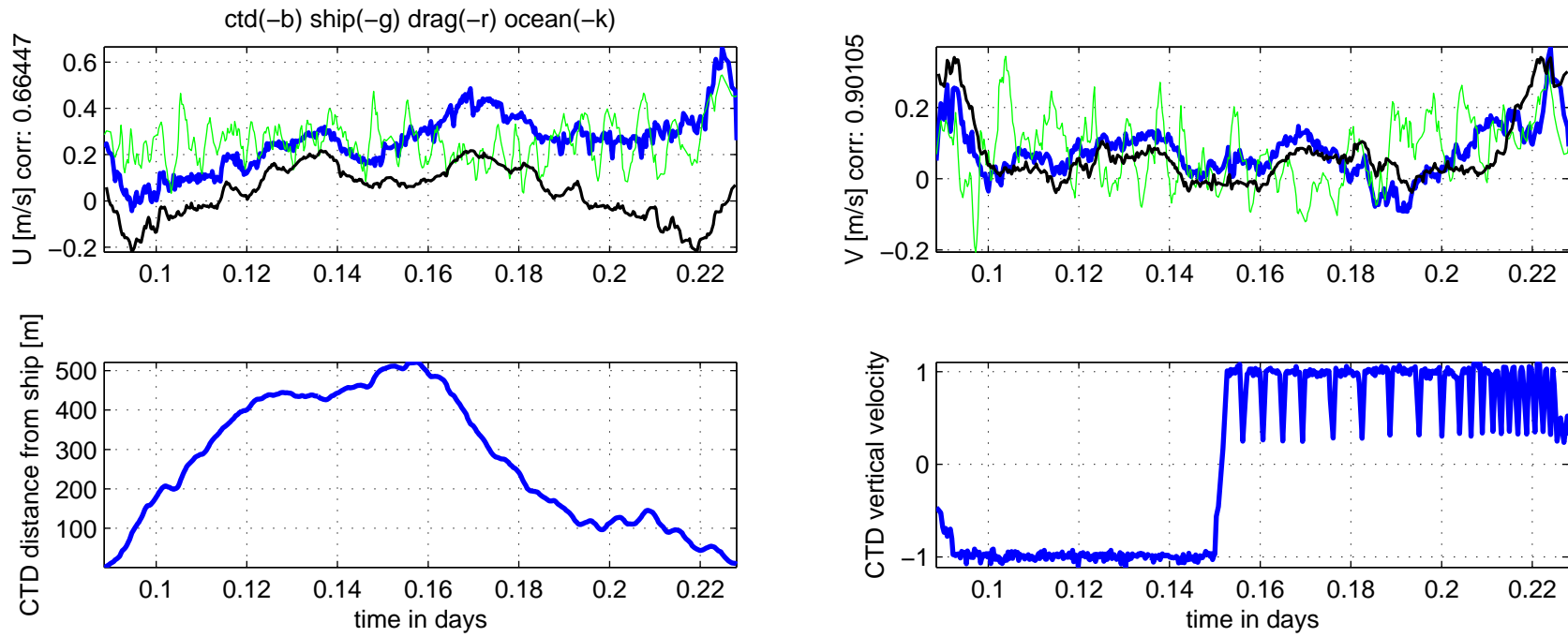
Pitch offset : 0.55924



Roll offset : 0.71109

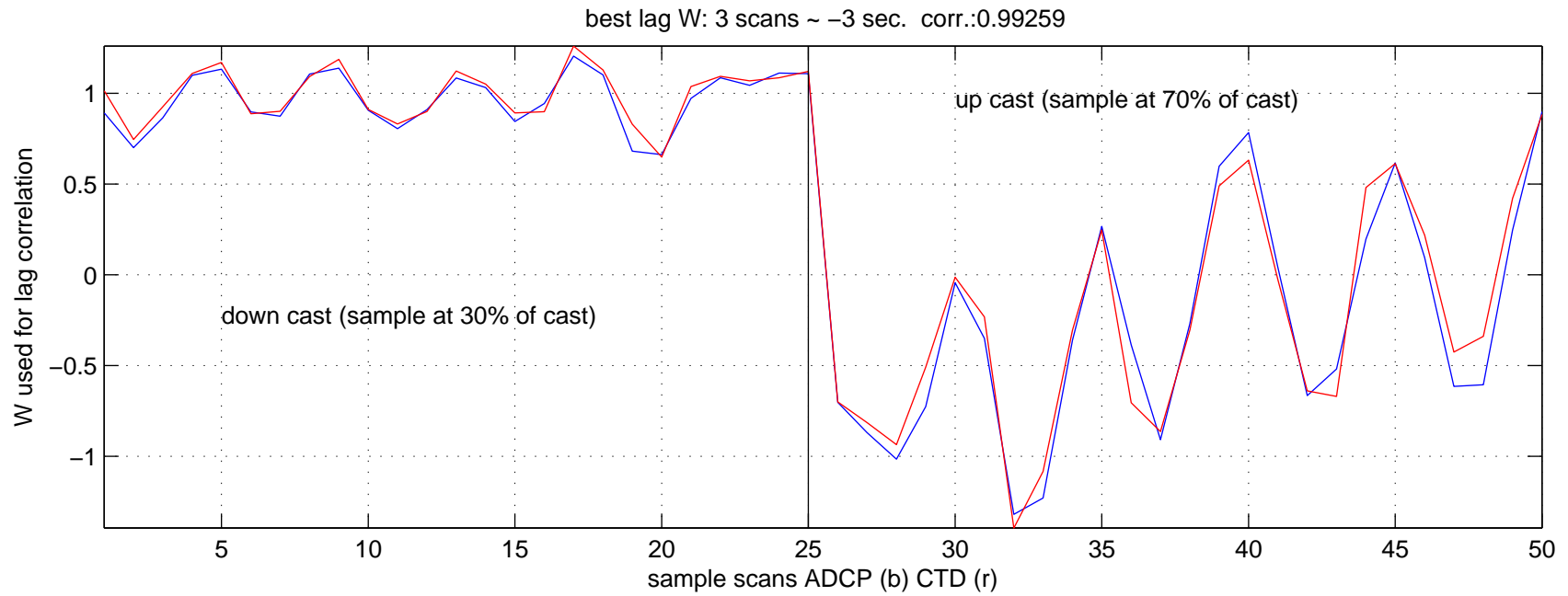
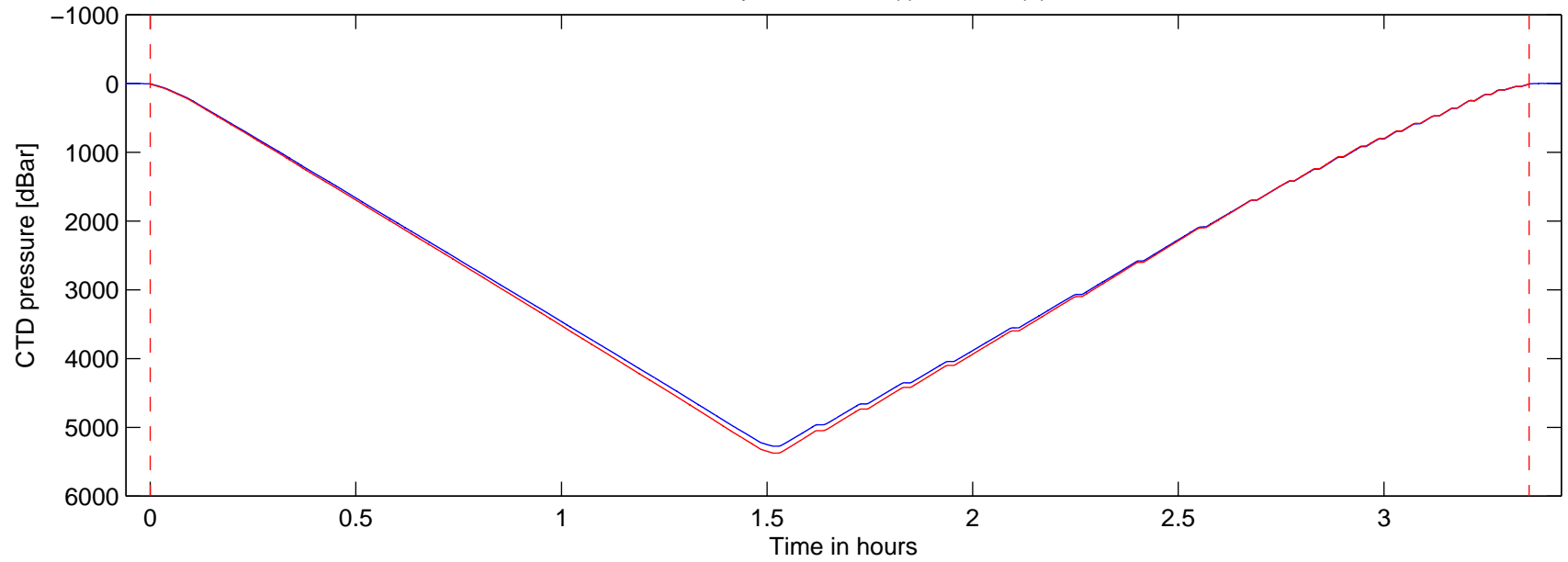


AB1502_AT_SEA_006 Figure 7



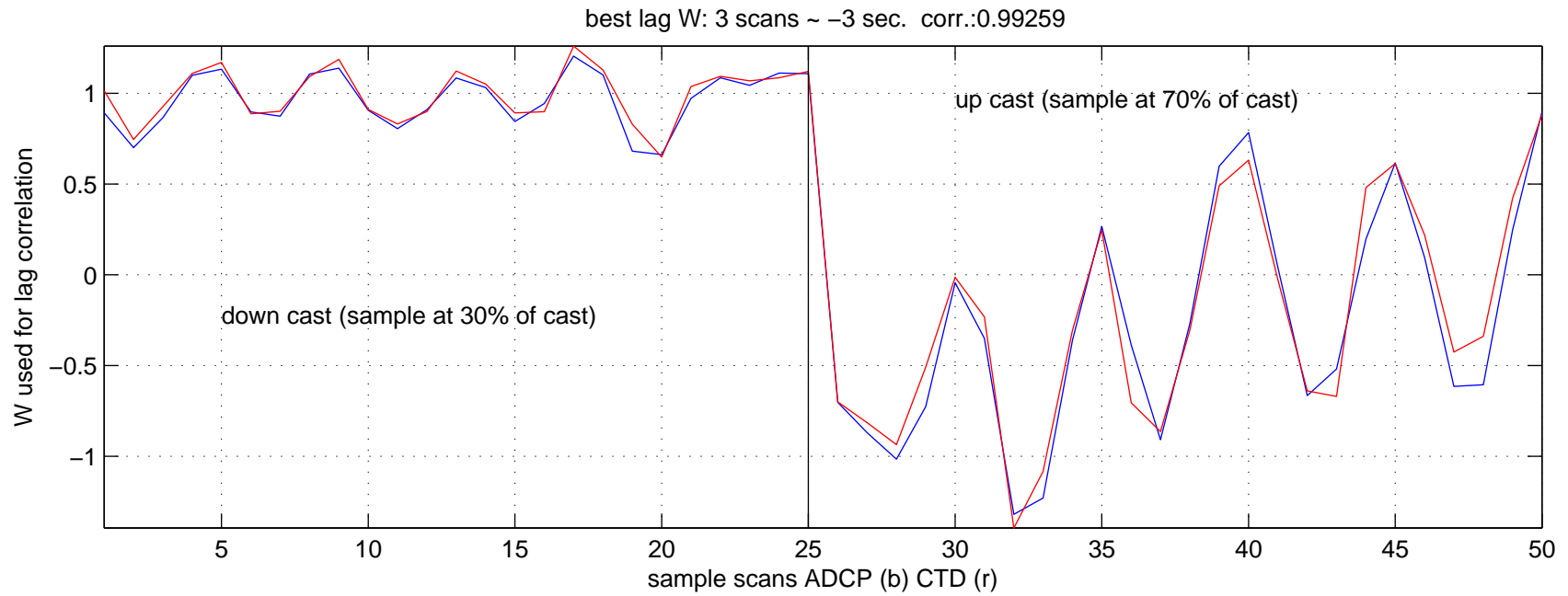
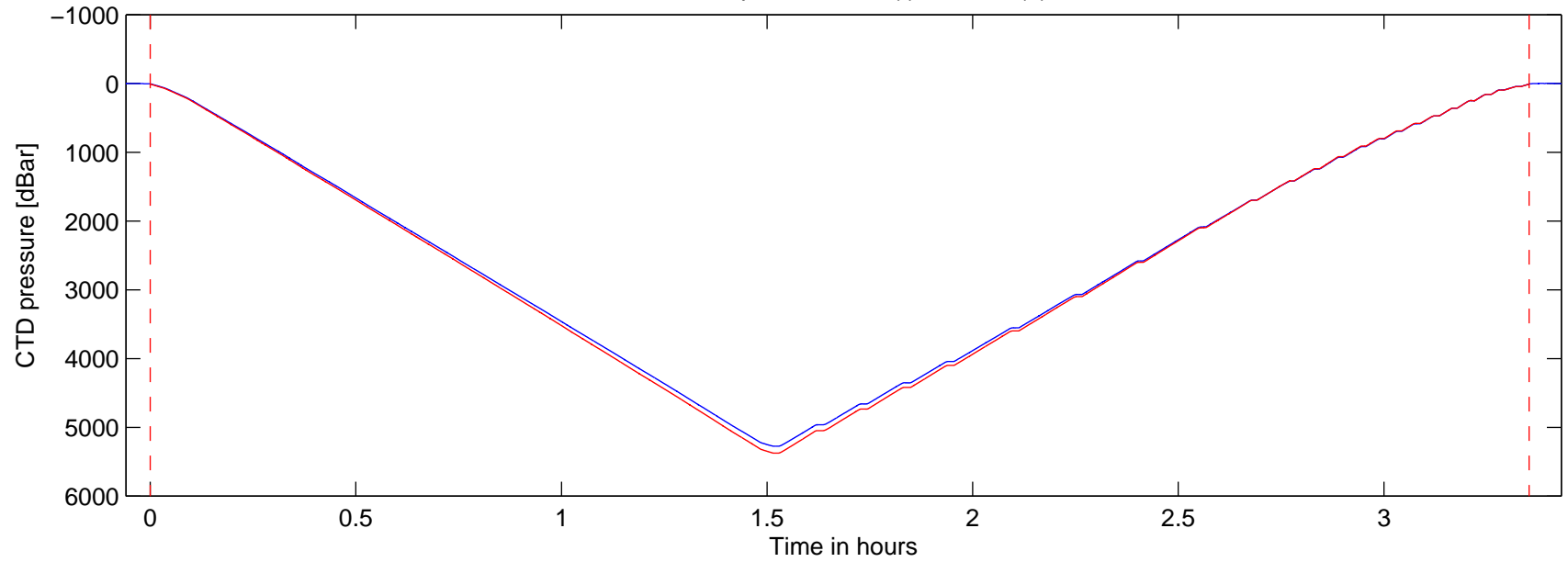
AB1502_AT_SEA_006 Figure 8

Cut CTD profile CTD (r) LADCP (b)

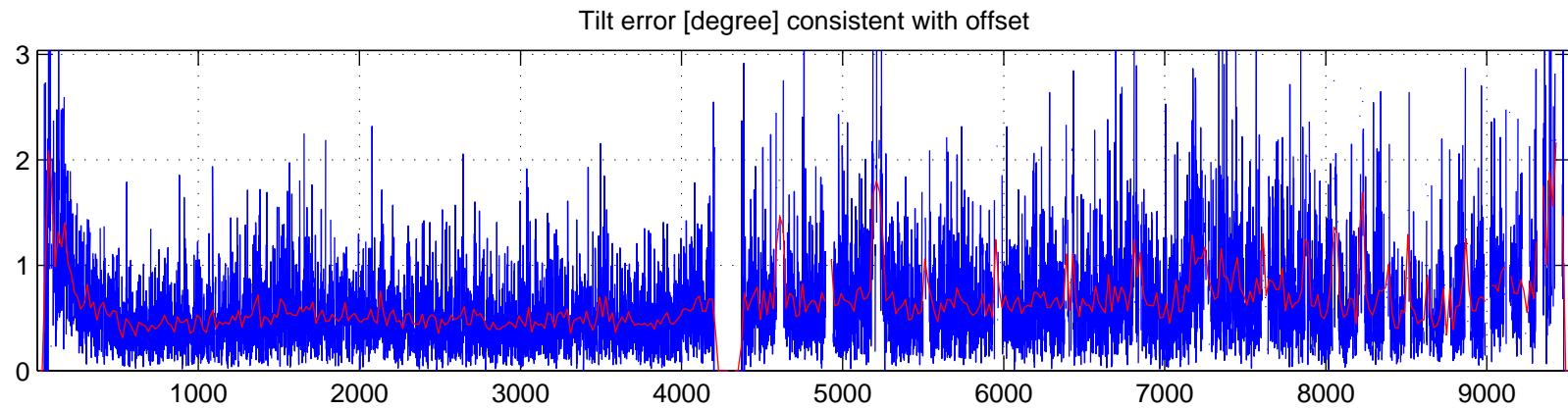
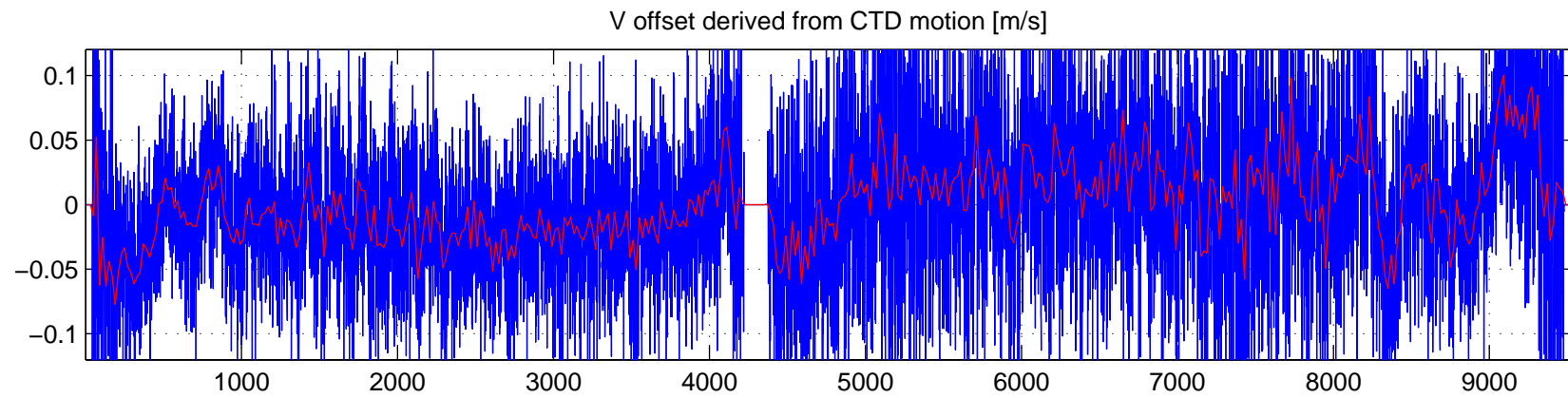
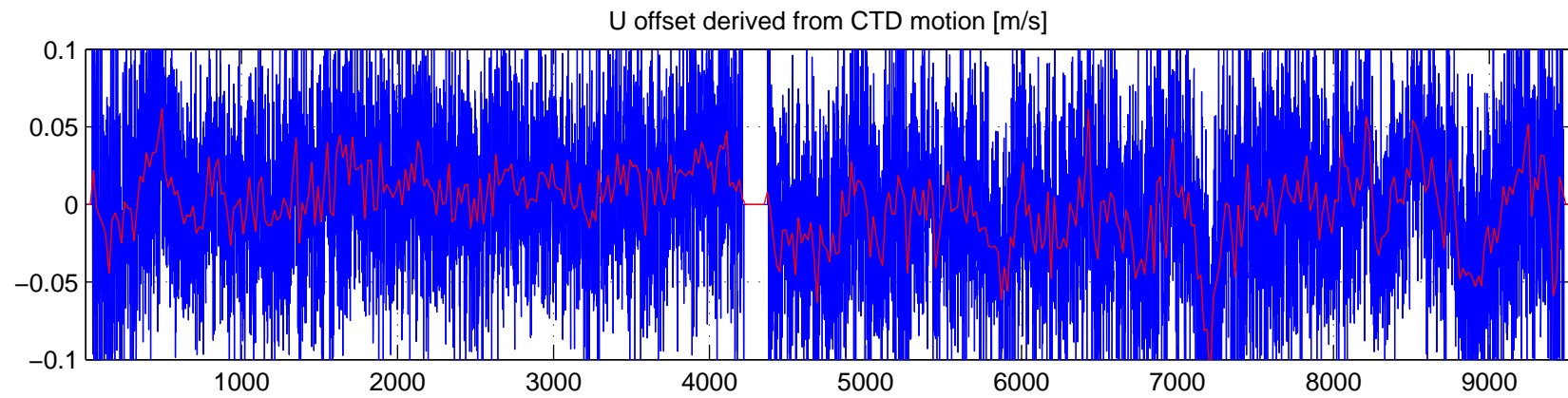


AB1502_AT_SEA_006 Figure 8

Cut CTD profile CTD (r) LADCP (b)



AB1502_AT_SEA_006 Figure 10



LADCP WARNINGS

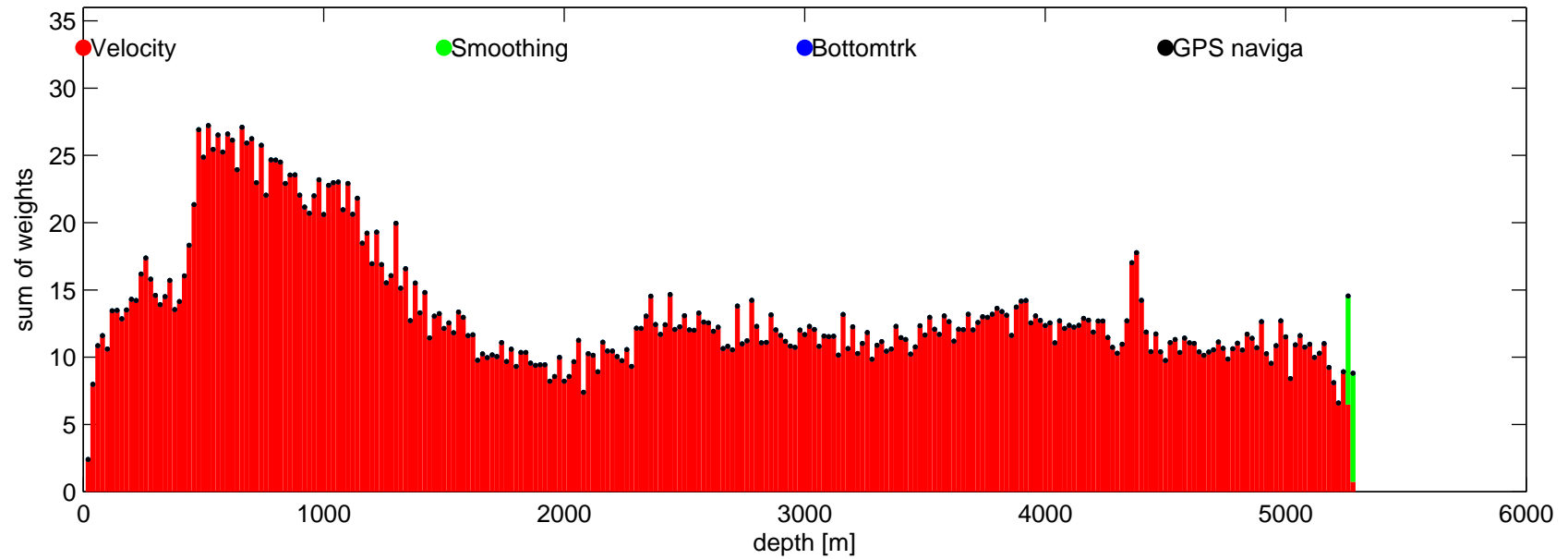
- > Increased error because of shear – inverse difference
- > Battery voltage is unknown. Need calibration coeff.

LADCP processing warnings:

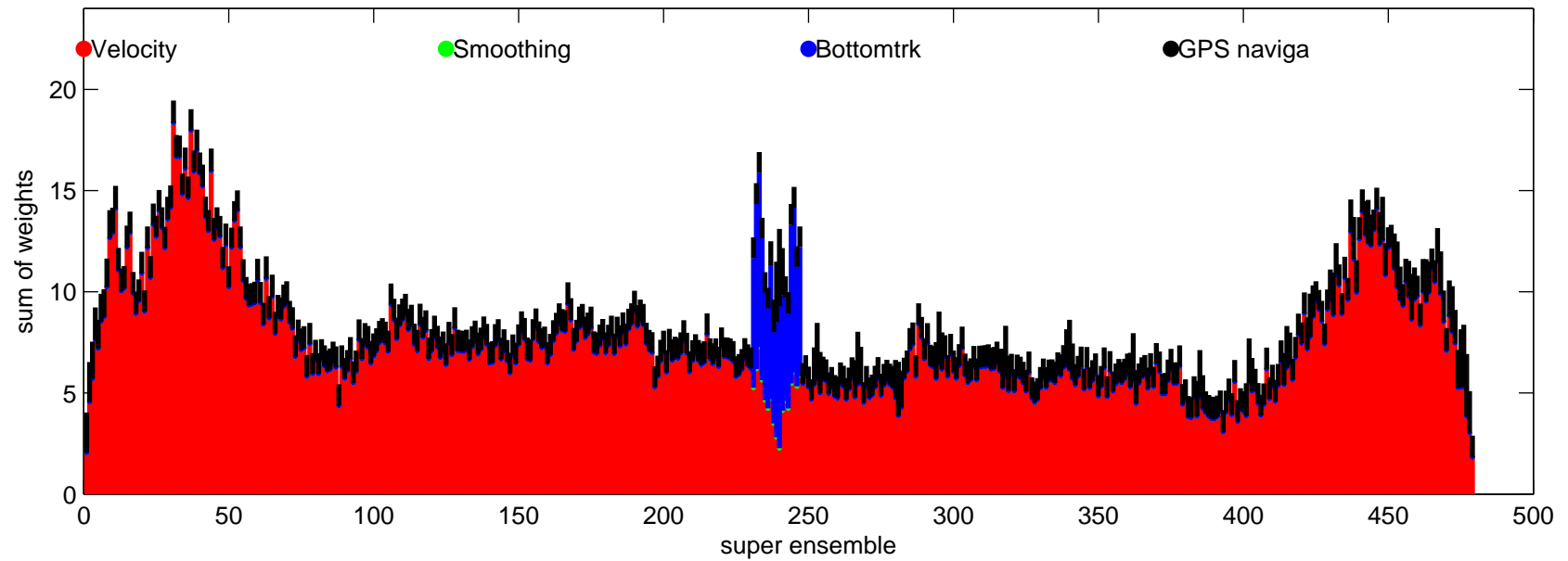
Battery Voltage is NaN V

AB1502_AT_SEA_006 Figure 12

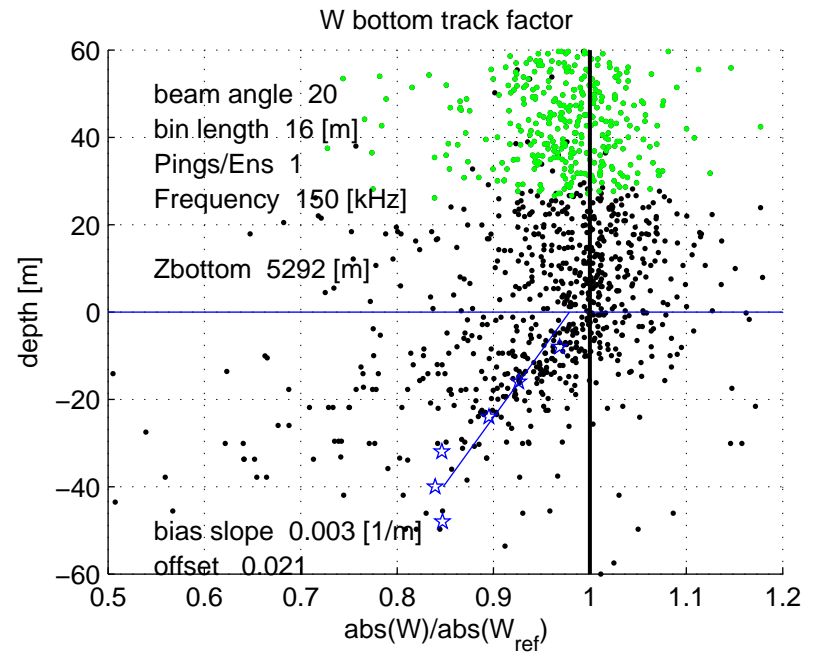
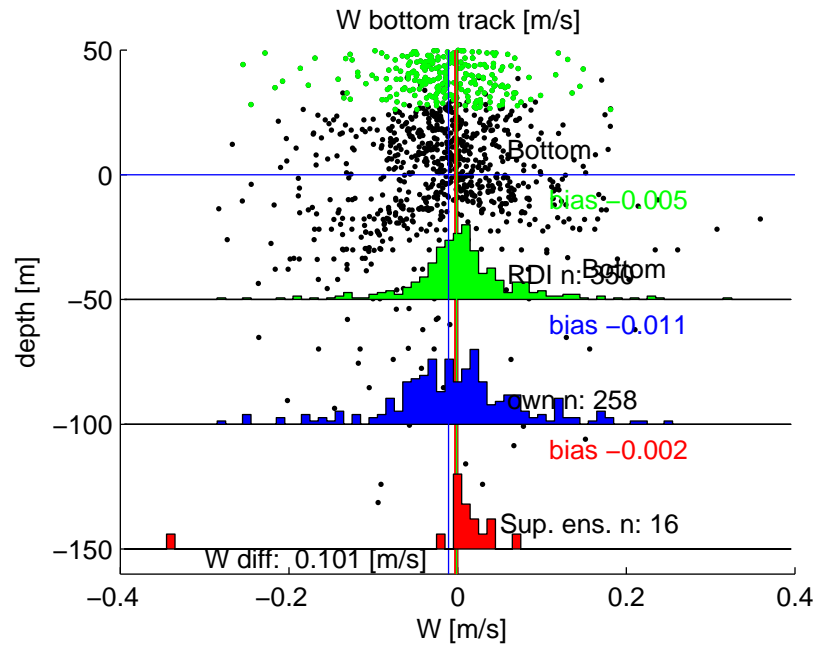
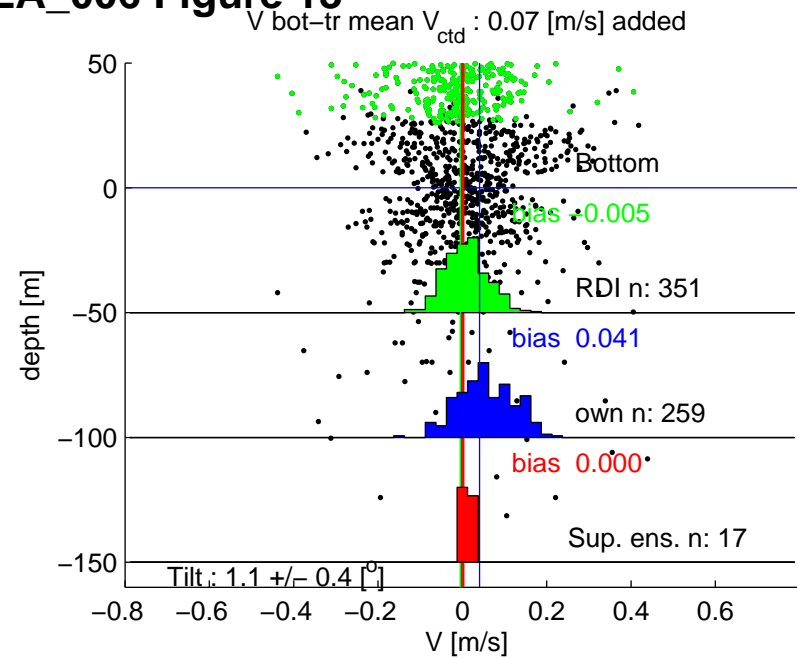
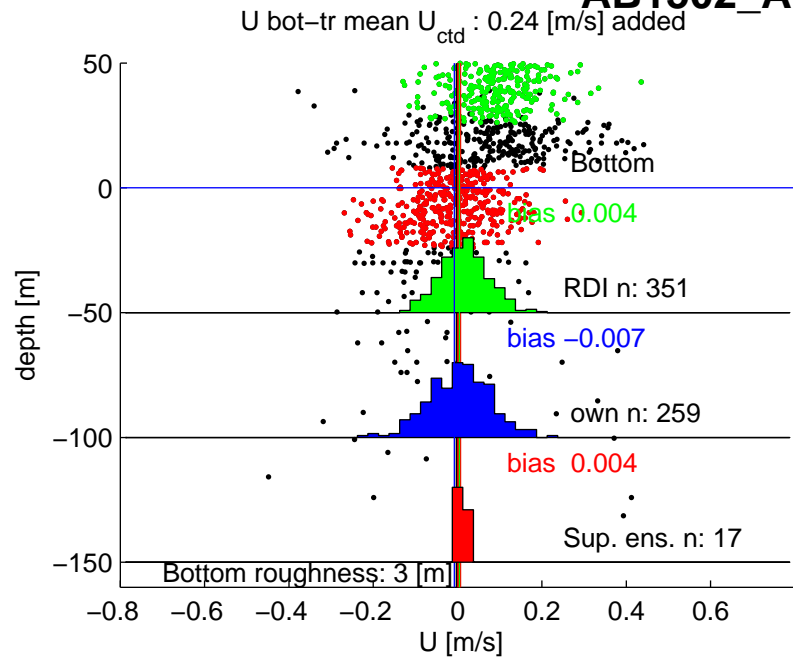
ocean velocity constraints



CTD velocity constraints

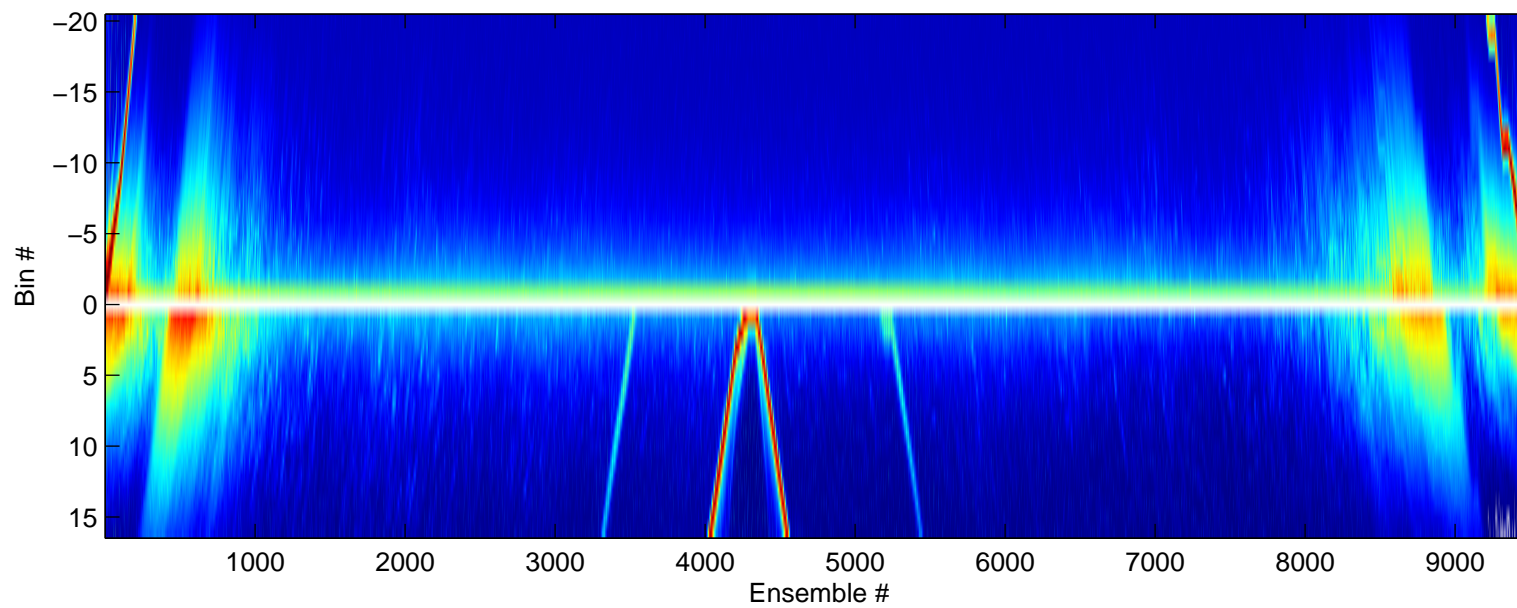


AB1502_AT_SEA_006 Figure 13

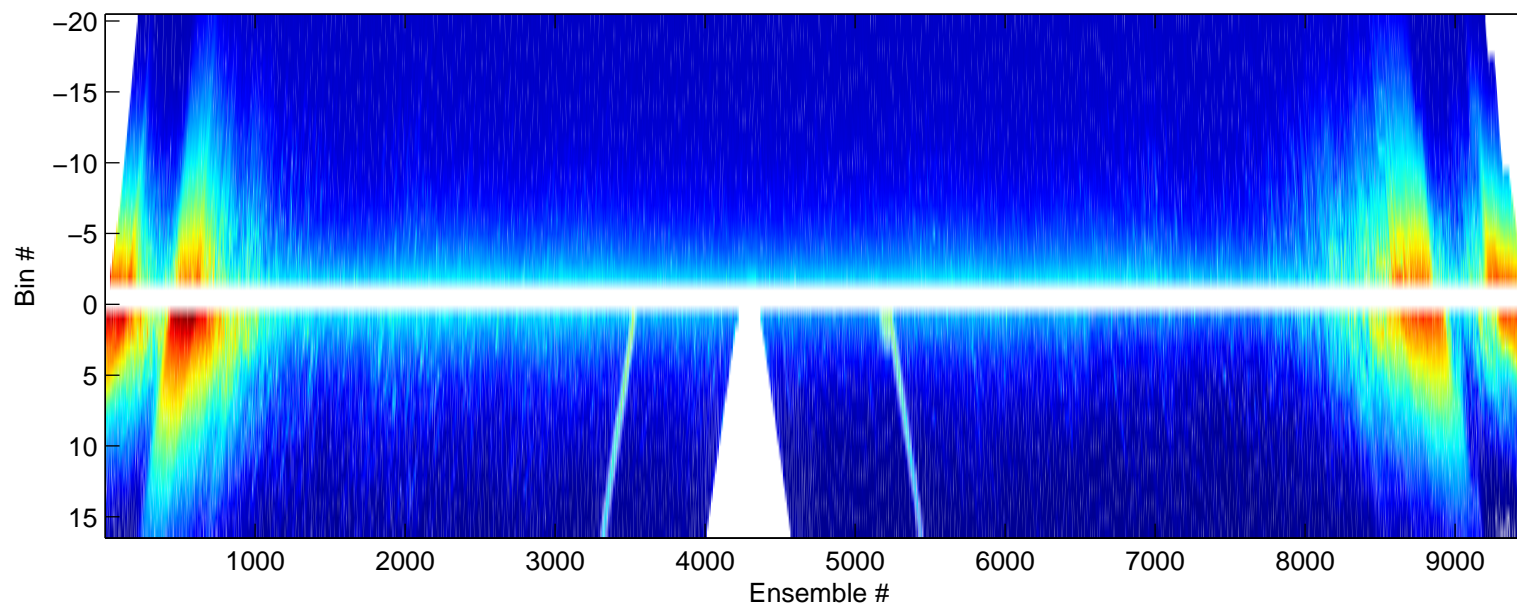


AB1502_AT_SEA_006 Figure 14

Before Data Editing

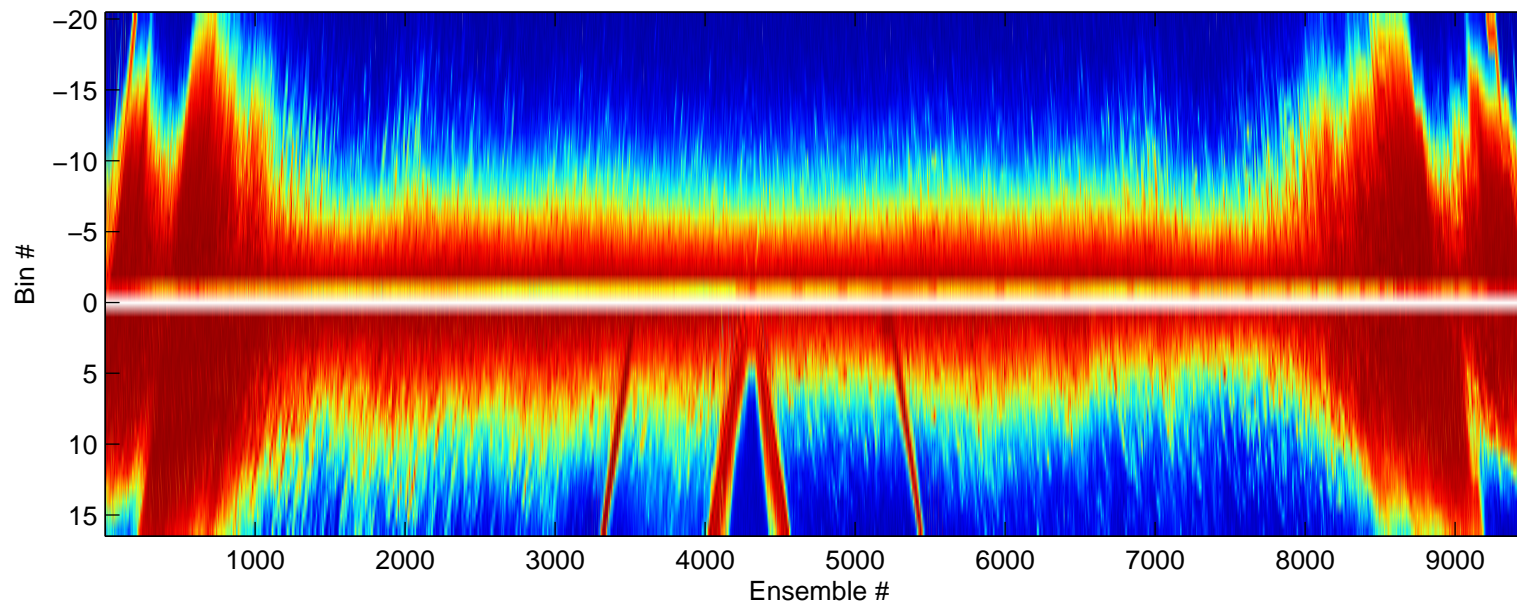


After Data Editing

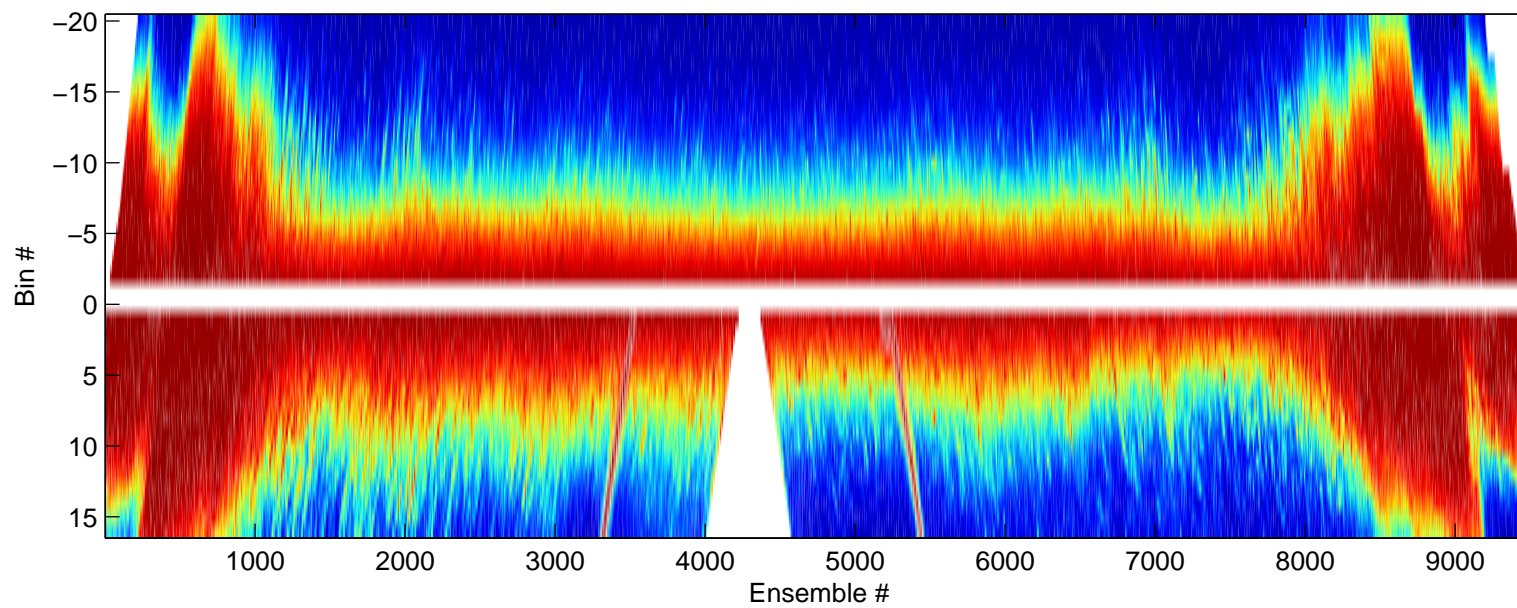


AB1502_AT_SEA_006 Figure 15

Before Data Editing

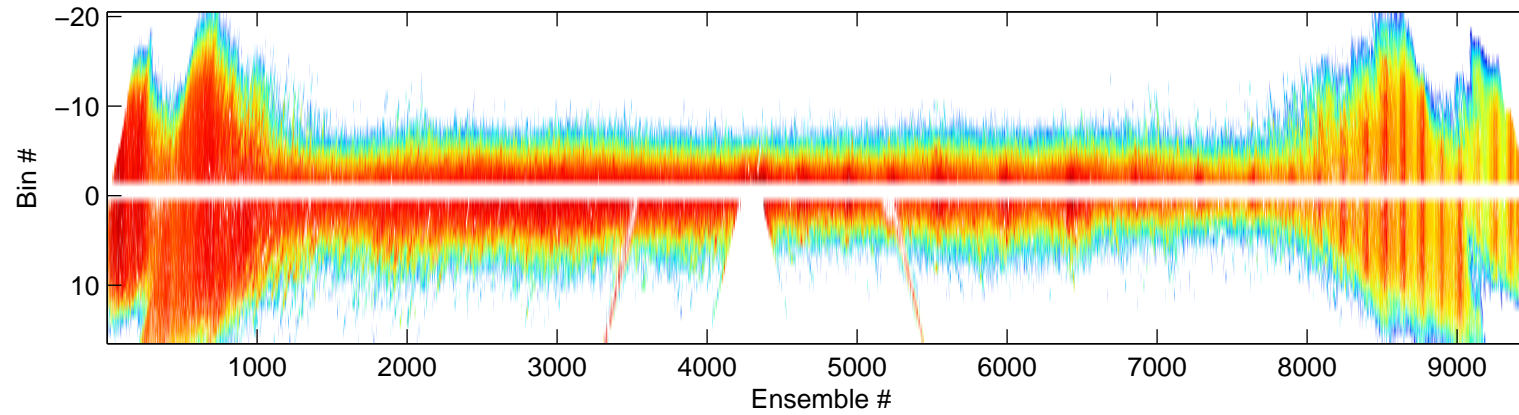


After Data Editing

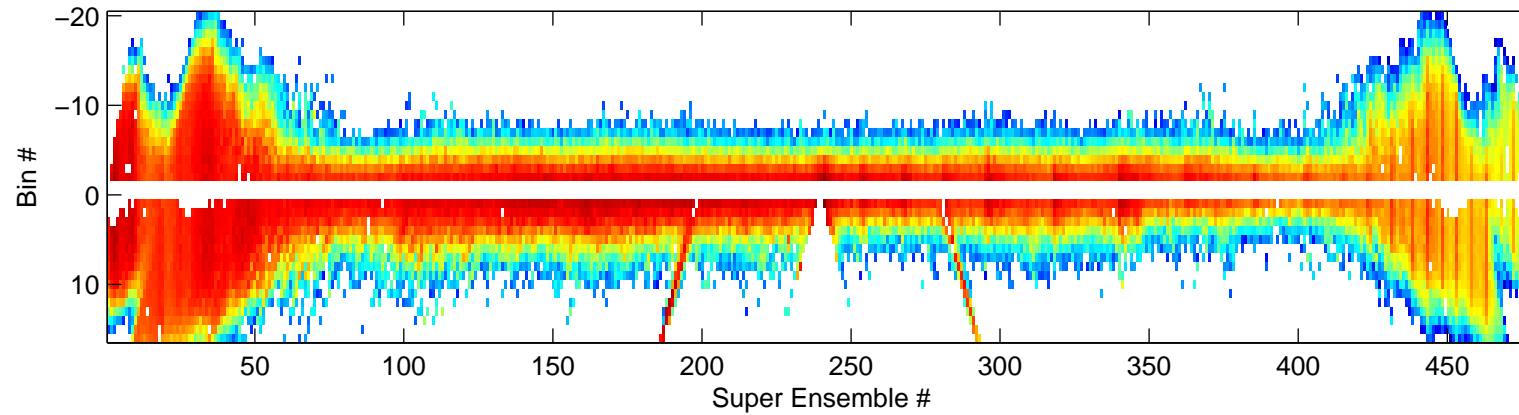


AB1502_AT_SEA_006 Figure 16

Weights based on various parameters



Weights based on various parameters



Weights based on standard deviation of super ensembles

