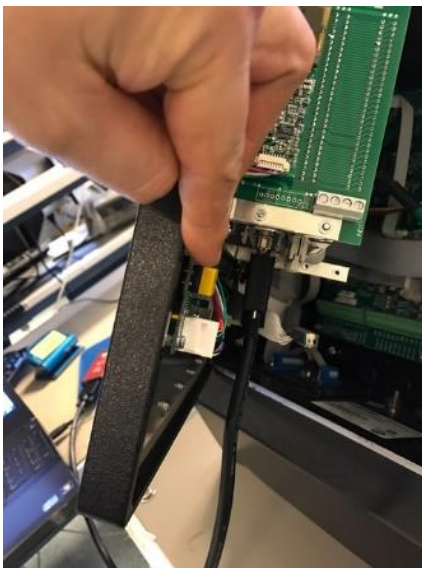


DL850 calibration error in deep waters

If a speed error of some knot is observed in deep waters compared to shallow water then it is possibly caused by an effect in the different ping length in shallow water compared with deep water.

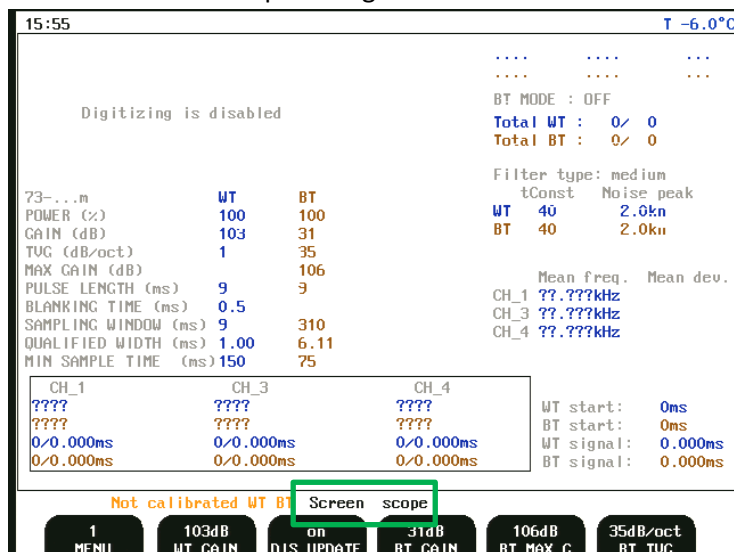
The error will occur in shallow water if the log was calibrated in deep water

It is possible to remove or reduce this effect by reducing the ping length in deep waters.

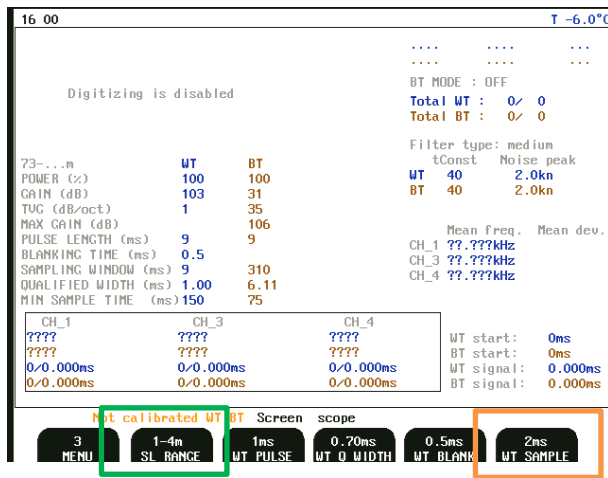


Press and hold the hidden button until 4 beeps are heard. (There is a long pause between beep 2-3-4)

Go to the “screen scope” using the screen button and encoder



In MENU 3 make sure "SL RANGE" is set to 1-4m. The parameter "WT SAMPLE" is the ping length in shallow water 1-4m. Leave this at default 2ms.



Set SL RANGE to 4-9m. Check that "WT SAMPLE" is 2ms.



Set SL RANGE to 9-14m. "WT SAMPLE" is now 6ms.



The WT sample will increase as the "SL RANGE" increases.

Set WT sample to 6ms on all SL RANGE 9-14,14-24,24-38,38-73,73-....