

Smart SV & Temperature 4599

Smart SV Calibration

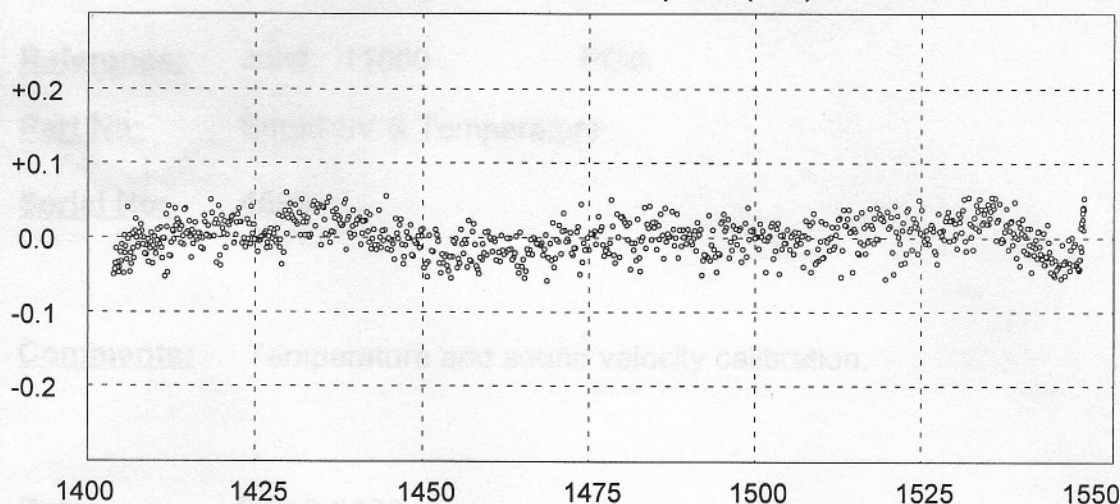
Job Information

Date	07-11-2006
Job Number	11660
Customer	University of Hawaii at Manoa Hawaii Institute of Geophysics an

Sensor Information

Manufacturer	AML
Model Number	Time of Flight
Serial Number	100-2
Range	1400 to 1550 m/s
Channel	2
Calibrated By	LW
Standards	Smart T 9998

Deviation vs. Sound Speed (m/s)



Delgrosso Pure Water Sound Speed (m/s)

Coefficients

A = 1.544014E+03
B = -1.159754E+02
C = 1.121046E+01
D = -1.558361E+00

$$=A+B*((N-NL)/(NH-NL))+C*((N-NL)/(NH-NL))^2+D*((N-NL)/(NH-NL))^3$$

RMS = 0.0242

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