



## Certificate of Calibration

004844

Customer: University of Hawaii  
Asset Serial Number: 004844  
Asset Type: 004844 (Smart SV & T)  
Calibrated Pressure Range: \_\_\_\_\_

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Certification Date: 16/12/2009 (dd/mm/yyyy)

Certified By:

A handwritten signature in blue ink, which appears to read 'Robert Haydock', is written over a faint, light blue watermark that says 'AML Oceanographic'.

Robert Haydock,  
President  
AML Oceanographic

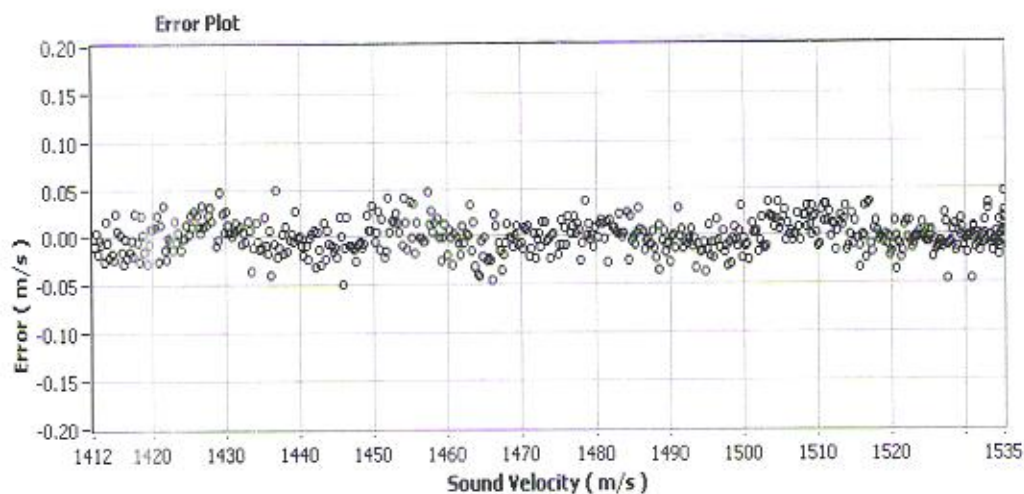
AML Oceanographic certifies that the equipment described above has been calibrated with equipment referenced to traceable standards. Any repairs / calibrations completed on this instrument were approved by the instrument owner under purchase order.

This instrument has been recalibrated. Please be sure to update your records. Please also ensure that you update the instrument's coefficient values in any post-processing software (ie. Smart Talk) that you use. Instrument configuration files are available at our Client Service & Support Portal (see web address below).

For a complete service history of this instrument, please consult our on-line Client Service & Support Portal at <http://www.AMLoceanographic.com/customers/index.htm>

# Sound Velocity Calibration

Date 12/11/09  
S/N 004844  
Calibrator Wanda Turple  
RMS Error 0.017  
Range 1400 to 1550 m/s



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

A=1.532070E+3	G=0.000000E+00
B=-1.174245E+2	H=0.000000E+00
C=1.009805E+1	I=0.000000E+00
D=-9.640893E-1	J=0.000000E+00
E=0.000000E+00	K=0.000000E+00
F=0.000000E+00	L=0.000000E+00



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