



Certificate of Calibration

004599

Customer: University of Hawaii
Asset Serial Number: 004599
Asset Type: 004599 (Smart SV & T)
Calibrated Pressure Range: _____

Certification Date: 07/01/2010 (dd/mm/yyyy)

Certified By:

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

Robert Haydock,
President
AML Oceanographic

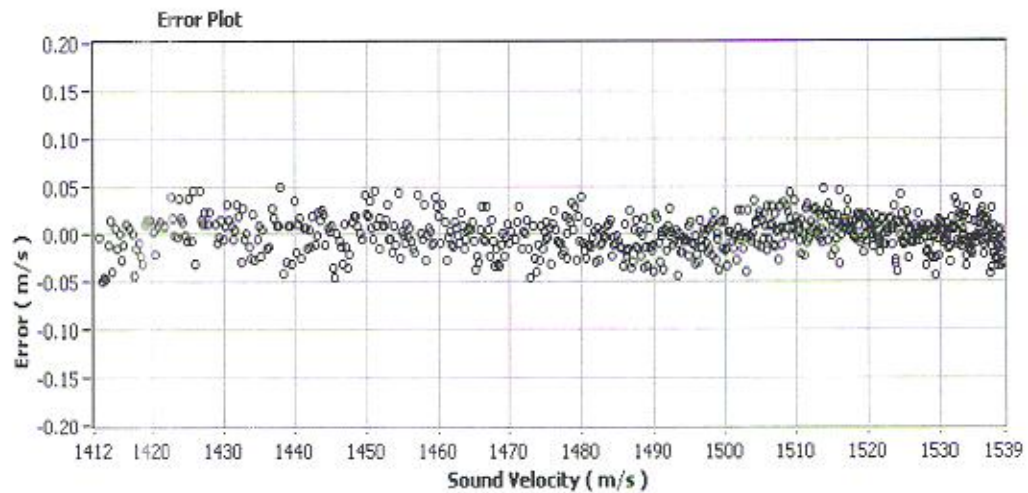
AML Oceanographic certifies that the equipment described above has been calibrated with equipment referenced to traceable standards. Any repairs / calibrations completed on this instrument were approved by the instrument owner under purchase order.

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 01/07/10
S/N 004599
Calibrator Wanda Turple
RMS Error 0.018
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=1.535870E+3	G=0.000000E+00
B=-1.133495E+2	H=0.000000E+00
C=9.388055E+0	I=0.000000E+00
D=-8.802813E-1	J=0.000000E+00
E=0.000000E+00	K=0.000000E+00
F=0.000000E+00	L=0.000000E+00



2071 Malaview Ave West, Sidney, British Columbia, Canada V8L 5X6
Phone: (250) 656-0771 Fax: (250) 655-3655
Canada & USA: 800-663-8721
Email: info@amloceanographic.com Web: <http://www.amloceanographic.com>