



SEA-BIRD ELECTRONICS, INC.

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Digiquartz Pressure Calibration dP/dT Corrected Coefficients

(Changed coefficients are posted in italics)

Pressure Transducer Serial Number: 115173

Original Calibration Date: 2009-07-01

Date of Correction: 2009-09-23

Installed in: SBE 9Plus S/N 0957

PRESSURE COEFFICIENTS

C1	-47019.53	<i>psia</i>
C2	-3.1992304e-01	<i>psia/deg C</i>
C3	1.4641e-02	<i>psia/deg C²</i>

D1	0.037486
D2	0.0

T1	30.0246	<i>μsec</i>
T2	-3.417081e-04	<i>μsec/deg C</i>
T3	4.1484e-06	<i>μsec/deg C²</i>
T4	2.79372e-09	<i>μsec/deg C³</i>
T5	0e+00	

Corrected at Sea-Bird Electronics as per Paroscientific Calibration and Sea-Bird Electronics dP/dT tests. The original calibration from Paroscientific assumes an operating temperature range of 0 to 125 degrees C. dP/dT correction adjusts this operating range to a nominal range of 0 to 22 degrees C. This increases the accuracy of the transducer in this temperature range.

NOTE: Original coefficients from Paroscientific are attached to this form for information purposes and should not be used.