



## 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: 132932

Original Calibration Date: 26-Nov-14

Date of Correction: 2014-12-12

Installed in: SBE 9Plus S/N 1211

#### PRESSURE COEFFICIENTS

<i>C1</i>	<i>-40260.53</i>	<i>psia</i>
<i>C2</i>	<i>-0.6896846</i>	<i>psia/deg C</i>
C3	1.277640e-002	psia/deg C <sup>2</sup>

D1	3.349800e-002
D2	0.000000e+000

<i>T1</i>	<i>30.06724</i>	<i>μsec</i>
<i>T2</i>	<i>-4.19926e-04</i>	<i>μsec/deg C</i>
T3	4.095290e-006	μsec/deg C <sup>2</sup>
T4	3.290770e-009	μsec/deg C <sup>3</sup>
T5	0.000000e+000	

Slope = 1.00000

Offset = 0.00000

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 informational purposes and should not be used.