

# SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 0256  
CALIBRATION DATE: 29-Sep-08

SBE9plus PRESSURE CALIBRATION DATA  
10000 psia S/N 50130

**DIGIQUARTZ COEFFICIENTS:**

C1 = -4.705724e+004  
C2 = -4.431410e-002  
C3 = 8.991870e-003  
D1 = 4.427900e-002  
D2 = 0.000000e+000  
T1 = 3.014264e+001  
T2 = -2.990150e-004  
T3 = 3.699150e-006  
T4 = 5.702540e-009  
T5 = 0.000000e+000

**AD590M, AD590B, SLOPE AND OFFSET:**

AD590M = 1.14000e-002  
AD590B = -8.24200e+000  
Slope = 0.99983  
Offset = -1.6970 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.629	33186.75	20.8	17.400	14.938	0.309
2015.140	33883.32	20.9	2017.919	2015.122	-0.018
4015.110	34563.21	20.9	4018.085	4014.952	-0.158
6015.132	35227.81	20.9	6019.101	6015.633	0.501
8015.219	35877.70	20.9	8020.020	8016.216	0.997
10015.347	36513.03	21.0	10018.777	10014.638	-0.710
8015.047	35877.35	21.0	8018.918	8015.114	0.067
6014.970	35227.63	21.0	6018.488	6015.019	0.050
4014.894	34562.96	21.0	4017.296	4014.164	-0.731
2014.848	33883.06	21.1	2017.069	2014.272	-0.576
14.626	33186.79	21.1	17.352	14.890	0.264

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset (psia)

