

# SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 0250  
CALIBRATION DATE: 16-Jun-11

SBE9plus PRESSURE CALIBRATION DATA  
10000 psia S/N 50125

**DIGIQUARTZ COEFFICIENTS:**

C1 = -4.176039e+004  
C2 = -5.364550e-001  
C3 = 7.246340e-003  
D1 = 4.147700e-002  
D2 = 0.000000e+000  
T1 = 3.032465e+001  
T2 = -5.410830e-004  
T3 = 3.811270e-006  
T4 = 5.661610e-009  
T5 = 0.000000e+000

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

AD590M = 1.28082e-002  
AD590B = 9.86934e+000  
Slope = 0.99983  
Offset = -4.3659 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.657	32994.82	19.8	21.218	14.885	0.228
2015.172	33774.05	19.9	2022.325	2015.659	0.486
4015.215	34532.34	19.9	4022.388	4015.388	0.174
6015.219	35271.65	20.0	6022.965	6015.632	0.414
8015.444	35993.12	20.1	8023.800	8016.133	0.689
10015.768	36697.27	20.2	10023.355	10015.355	-0.412
8015.359	35992.85	20.3	8022.829	8015.163	-0.196
6015.253	35271.55	20.3	6022.264	6014.931	-0.322
4015.184	34532.31	20.4	4021.747	4014.747	-0.437
2015.092	33774.10	20.7	2021.586	2014.920	-0.172
14.656	32994.96	20.8	20.526	14.193	-0.463

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset (psia)

