

# SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 1338-1  
CALIBRATION DATE: 14-Oct-05

SBE9plus PRESSURE CALIBRATION DATA  
6000 psia S/N 26277

**DIGIQUARTZ COEFFICIENTS:**

C1 = -2.974146e+004  
C2 = 4.780331e-001  
C3 = 6.707927e-003  
D1 = 4.025507e-002  
D2 = 0.000000e+000  
T1 = 2.988820e+001  
T2 = -5.793742e-005  
T3 = 3.589362e-006  
T4 = 0.000000e+000  
T5 = 0.000000e+000

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

AD590M = 1.29744e-002  
AD590B = -8.96446e+000  
Slope = 0.99980  
Offset = 4.1539 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.443	33462.64	18.4	8.504	14.530	0.087
1214.466	34129.80	18.5	1208.151	1213.942	-0.524
2414.184	34782.26	18.5	2408.118	2413.675	-0.509
3613.934	35420.74	18.6	3608.221	3613.543	-0.391
4813.813	36046.09	18.6	4808.603	4813.691	-0.122
6013.655	36658.79	18.7	6008.883	6013.737	0.082
4813.686	36046.24	18.7	4808.908	4813.996	0.310
3613.955	35421.07	18.7	3608.856	3614.179	0.224
2414.071	34782.64	18.7	2408.841	2414.398	0.327
1214.370	34130.16	18.7	1208.836	1214.628	0.258
14.444	33462.71	18.8	8.690	14.716	0.272

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset (psia)

