

# SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 2326  
CALIBRATION DATE: 12-Sep-05

SBE16 PRESSURE CALIBRATION DATA  
10000 psia S/N 64857

**DIGIQUARTZ COEFFICIENTS:**

C1 = -4.894762e+004  
C2 = -9.102170e-001  
C3 = 1.593180e-002  
D1 = 3.883600e-002  
D2 = 0.000000e+000  
T1 = 3.029141e+001  
T2 = -5.307730e-004  
T3 = 3.883590e-006  
T4 = 4.607360e-009  
T5 = 0.000000e+000

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

AD590M = 0.000000e+000  
AD590B = 0.000000e+000  
Slope = 1.00000  
Offset = 0.5390 (dbars)

| PRESSURE (PSIA) | INST OUTPUT(Hz) | INST TEMP(C) | INST OUTPUT (PSIA) | CORRECTED INST OUTPUT (PSIA) | RESIDUAL (PSIA) |
|-----------------|-----------------|--------------|--------------------|------------------------------|-----------------|
| 14.669          | 33027.48        | 20.8         | 13.863             | 14.645                       | -0.024          |
| 2014.809        | 33694.17        | 20.8         | 2014.143           | 2014.916                     | 0.107           |
| 4014.691        | 34345.79        | 20.8         | 4014.119           | 4014.883                     | 0.192           |
| 6014.881        | 34983.36        | 20.9         | 6014.313           | 6015.069                     | 0.188           |
| 8014.965        | 35607.47        | 20.9         | 8014.140           | 8014.887                     | -0.078          |
| 10015.278       | 36219.09        | 20.9         | 10014.462          | 10015.201                    | -0.077          |
| 8014.271        | 35607.29        | 20.9         | 8013.544           | 8014.292                     | 0.021           |
| 6014.443        | 34983.14        | 20.9         | 6013.557           | 6014.313                     | -0.130          |
| 4014.333        | 34345.65        | 20.9         | 4013.581           | 4014.345                     | 0.012           |
| 2014.434        | 33694.03        | 20.9         | 2013.582           | 2014.355                     | -0.079          |
| 14.670          | 33027.51        | 20.9         | 13.755             | 14.537                       | -0.133          |

Residual = corrected instrument pressure - reference pressure

