Sea-Bird Electronics, Inc.

13431 NE 20th Street, Bellevue, WA 98005-2010 USA

Phone: (+1) 425-643-9866 Fax (+1) 425-643-9954 Email: seabird@seabird.com

SENSOR SERIAL NUMBER: 1624 CALIBRATION DATE: 07-Dec-11 SBE 39 PRESSURE CALIBRATION DATA 508 psia S/N 5503

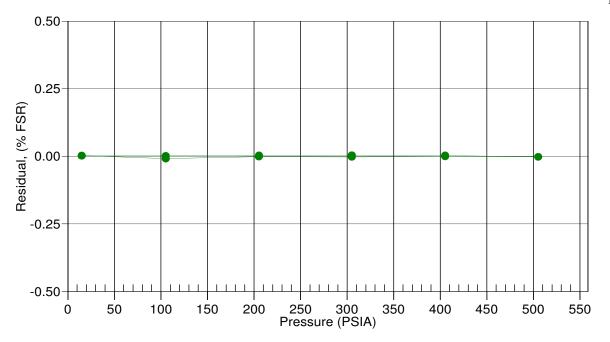
COEFFICIENTS:

| PA0 = | 6.303832e-002 | PTCA0 = 2.941499e+001 |
|---------|----------------|-------------------------|
| PA1 = | 2.397282e-002 | PTCA1 = 3.287180e - 001 |
| PA2 = | 1.538396e-009 | PTCA2 = -9.499501e-003 |
| PTHA0 = | -8.917867e+001 | PTCB0 = 2.507613e+001 |
| PTHA1 = | 4.564320e-002 | PTCB1 = -1.750000e-004 |
| PTHA2 = | -3.046107e-007 | PTCB2 = 0.000000e+000 |

| PRESSURE PRESSURE PSIA | | | COMPUTED PRESSURE | ERROR %FSR | THERMAL CORRECTION TEMP PRESS INST ITS90 TEMP OUTPUT |
|------------------------------|---------|--------|----------------------|---------------|--|
| 14.83 | 648.3 | 2478.0 | 14.84 | 0.00 | -1.50 1946.50 658.60 |
| 105.05 | 4407.7 | 2485.0 | 105.01 | -0.01 | 4.50 2081.10 660.16 |
| 205.05 | 8576.4 | 2486.0 | 205.04 | -0.00 | 11.50 2239.30 661.54 |
| 305.06 | 12741.9 | 2486.0 | 305.05 | -0.00 | 18.50 2397.50 661.93 |
| 405.07 | 16905.4 | 2487.0 | 405.07 | -0.00 | 25.50 2556.10 661.24 |
| 505.07 | 21065.8 | 2486.0 | 505.06 | -0.00 | 32.50 2715.00 659.70 |
| 405.10 | 16907.3 | 2485.0 | 405.11 | 0.00 | |
| 305.10 | 12744.8 | 2486.0 | 305.12 | 0.00 | TEMP(ITS90) SPAN(mV) |
| 205.11 | 8580.0 | 2485.0 | 205.13 | 0.00 | -5.00 25.08 |
| 105.12 | 4412.8 | 2485.0 | 105.13 | 0.00 | 35.00 25.07 |
| 14.83 | 648.1 | 2488.0 | 14.84 | 0.00 | |

```
y = thermistor output; t = PTEMPA0 + PTEMPA1 * y + PTEMPA2 * y^2
x = pressure output - PTCA0 - PTCA1 * t - PTCA2 * t^2
n = x * PTCB0 / (PTCB0 + PTCB1 * t + PTCB2 * t^2)
pressure (psia) = PA0 + PA1 * n + PA2 * n^2
```

Date, Avg Delta P %FS



• 07-Dec-11 -0.00