

SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 0634 CALIBRATION DATE: 21-Apr-08
 SBE29 PRESSURE CALIBRATION DATA 10000 psia S/N 22868 TCV: -759

QUADRATIC COEFFICIENTS:
 PA0 = 5.355870e+003
 PA1 = -1.379481e+000
 PA2 = -2.314915e-007

STRAIGHT LINE FIT:
 M = -1.379705e+000
 B = 5.354678e+003

PRESSURE	INST	COMPUTED	ERROR	LINER	ERROR
PSIA	OUTPUT(N)	PSIA	%FS	PSIA	%FS
14.63	3870.0	13.81	-0.01	15.22	0.01
1999.18	2432.0	1999.60	0.00	1999.24	0.00
3999.43	983.0	3999.62	0.00	3998.43	-0.01
5999.58	-467.0	6000.04	0.00	5999.00	-0.01
7999.90	-1917.0	7999.48	-0.00	7999.57	-0.00
10000.49	-3369.0	10000.71	0.00	10002.90	0.02
7999.75	-1917.0	7999.48	-0.00	7999.57	-0.00
5999.54	-467.0	6000.04	0.00	5999.00	-0.01
3999.42	984.0	3998.24	-0.01	3997.05	-0.02
1999.28	2432.0	1999.60	0.00	1999.24	-0.00
14.63	3869.0	15.19	0.01	16.60	0.02

Straight Line Fit:

Pressure (psia) = M * N + B (N = binary output)

Quadratic Fit:

pressure (psia) = PA0 + PA1 * N + PA2 * N²

Residual = (instrument pressure - true pressure) * 100 / Full Scale Range

Date, Avg Delta P %FS 21-Apr-08 0.00

