

SEA-BIRD ELECTRONICS, INC.

1808 136th Place N.E., Bellevue, Washington, 98005 USA

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

SENSOR SERIAL NUMBER: 0256
CALIBRATION DATE: 03-Sep-08

SBE9plus PRESSURE CALIBRATION DATA
10000 psia S/N 50130

DIGIQUARTZ COEFFICIENTS:

C1 = -4.705724e+004
C2 = -4.431410e-002
C3 = 8.991870e-003
D1 = 4.427900e-002
D2 = 0.000000e+000
T1 = 3.014264e+001
T2 = -2.990150e-004
T3 = 3.699150e-006
T4 = 5.702540e-009
T5 = 0.000000e+000

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 1.14000e-002
AD590B = -8.24200e+000
Slope = 0.99979
Offset = -1.6046 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.715	33186.93	21.4	17.638	15.310	0.595
2014.980	33883.32	21.5	2017.634	2014.879	-0.101
4014.983	34563.48	21.5	4018.594	4015.412	0.429
6014.999	35227.85	21.5	6018.927	6015.317	0.318
8015.069	35877.68	21.5	8019.634	8015.597	0.528
10015.315	36513.41	21.6	10019.640	10015.175	-0.140
8014.991	35877.45	21.6	8018.908	8014.871	-0.120
6014.844	35227.66	21.6	6018.293	6014.684	-0.160
4014.888	34563.21	21.6	4017.741	4014.559	-0.329
14.717	33186.93	21.6	17.534	15.206	0.490

Residual = corrected instrument pressure - reference pressure

