

SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 0499
CALIBRATION DATE: 13-Aug-09

SBE9plus PRESSURE CALIBRATION DATA
10000 psia S/N 110551

DIGIQUARTZ COEFFICIENTS:

C1 = -4.675100e+004
C2 = -1.099149e-001
C3 = 1.344440e-002
D1 = 3.858800e-002
D2 = 0.000000e+000
T1 = 3.041711e+001
T2 = -6.389390e-004
T3 = 3.712550e-006
T4 = 4.277490e-009
T5 = 0.000000e+000

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 1.28284e-002
AD590B = -9.46045e+000
Slope = 1.00036
Offset = 1.0550 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.666	32893.40	20.3	13.793	15.323	0.657
2001.862	33583.30	20.4	1999.017	2001.272	-0.590
3988.872	34257.70	20.5	3985.874	3988.854	-0.018
5974.696	34916.60	20.9	5971.103	5974.807	0.111
7962.677	35561.70	21.0	7958.348	7962.777	0.100
9950.134	36193.00	21.1	9944.614	9949.768	-0.366
7961.815	35561.60	21.2	7957.689	7962.118	0.303
5975.285	34917.00	21.3	5971.749	5975.453	0.168
3988.334	34258.00	21.3	3985.399	3988.379	0.045
2001.510	33583.90	21.4	1999.161	2001.415	-0.095
14.660	32893.70	21.5	12.810	14.340	-0.320

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset (psia)

