

SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 0462
CALIBRATION DATE: 30-Nov-00

SBE9plus PRESSURE CALIBRATION DATA
10000 psia S/N 63505

DIGIQUARTZ COEFFICIENTS:

C1 = -4.872453e+004
C2 = 2.143123e-002
C3 = 1.347220e-002
D1 = 3.959500e-002
D2 = 0.000000e+000
T1 = 2.994567e+001
T2 = -2.488396e-004
T3 = 3.985300e-006
T4 = 7.998620e-010
T5 = 0.000000e+000

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 1.28205e-002
AD590B = 9.11154e+000
Slope = 0.99991
Offset = -1.2931 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.700	33403.32	21.0	16.488	14.612	-0.088
2014.375	34080.69	21.0	2016.354	2014.308	-0.067
4013.843	34742.74	21.1	4016.200	4013.985	0.142
6013.146	35390.21	21.1	6015.653	6013.267	0.121
8012.488	36024.04	21.2	8015.068	8012.512	0.024
10012.026	36644.91	21.2	10014.369	10011.643	-0.383
8012.440	36024.06	21.2	8015.131	8012.576	0.136
6013.152	35390.24	21.3	6015.674	6013.288	0.136
4013.877	34742.79	21.4	4016.255	4014.039	0.162
2014.411	34080.75	21.4	2016.416	2014.371	-0.040
14.629	33403.32	21.5	16.360	14.484	-0.145

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset (psia)

