

SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 0653
CALIBRATION DATE: 11-Apr-11

SBE19 PRESSURE CALIBRATION DATA
1000 psia S/N 62326

DIGIQUARTZ COEFFICIENTS:

C1 = -4.632406e+003
C2 = 3.181590e-002
C3 = 9.953970e-004
D1 = 5.582800e-002
D2 = 0.000000e+000
T1 = 3.007308e+001
T2 = -8.341980e-005
T3 = 2.872030e-006
T4 = 2.706510e-009
T5 = 0.000000e+000

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 0.00000e+000
AD590B = 0.00000e+000
Slope = 0.99991
Offset = 0.0209 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.704	33305.46	23.1	14.701	14.731	0.028
199.937	33961.20	23.1	199.921	199.935	-0.001
399.925	34652.24	23.1	399.936	399.932	0.007
599.954	35326.56	23.1	599.939	599.918	-0.036
799.933	35985.40	23.1	800.008	799.969	0.036
999.887	36629.05	23.2	999.963	999.906	0.020
799.959	35985.47	23.2	800.030	799.991	0.032
600.001	35326.63	23.2	599.959	599.937	-0.064
400.004	34652.36	23.2	399.970	399.966	-0.038
199.999	33961.39	23.3	199.976	199.990	-0.009
14.708	33305.46	23.3	14.704	14.735	0.026

Residual = corrected instrument pressure - reference pressure

