

SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 0655
CALIBRATION DATE: 11-Apr-11

SBE19 PRESSURE CALIBRATION DATA
1000 psia S/N 44817

DIGIQUARTZ COEFFICIENTS:

C1 = -4.818715e+003
C2 = 8.413850e-002
C3 = 8.934330e-004
D1 = 6.525300e-002
D2 = 0.000000e+000
T1 = 3.022431e+001
T2 = -5.605780e-005
T3 = 2.821130e-006
T4 = 0.000000e+000
T5 = 0.000000e+000

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 0.00000e+000
AD590B = 0.00000e+000
Slope = 1.00019
Offset = 0.2285 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.704	33134.97	23.1	14.352	14.683	-0.021
199.937	33762.42	23.1	199.565	199.933	-0.004
399.925	34423.67	23.1	399.546	399.953	0.028
599.954	35069.07	23.1	599.532	599.977	0.023
799.933	35699.37	23.1	799.471	799.955	0.022
999.887	36315.24	23.2	999.308	999.831	-0.056
799.959	35699.43	23.2	799.493	799.977	0.017
600.001	35069.19	23.2	599.571	600.016	0.015
400.004	34423.78	23.2	399.582	399.988	-0.016
199.999	33762.60	23.3	199.624	199.992	-0.007
14.708	33135.04	23.3	14.376	14.707	-0.001

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset (psia)

