

SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 4288
CALIBRATION DATE: 26-Jan-11

SBE16plus PRESSURE CALIBRATION DATA
1000 psia S/N 89721

DIGIQUARTZ COEFFICIENTS:

C1 = -6.693031e+003
C2 = -7.505930e-002
C3 = 1.344080e-003
D1 = 7.251600e-002
D2 = 0.000000e+000
T1 = 3.012298e+001
T2 = -2.909970e-004
T3 = 2.752930e-006
T4 = 1.432170e-009
T5 = 0.000000e+000

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 0.00000e+000
AD590B = 0.00000e+000
Slope = 0.99988
Offset = 0.2797 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.732	33238.44	23.1	14.293	14.699	-0.033
199.954	33693.33	23.0	199.599	199.982	0.029
399.947	34175.56	23.0	399.615	399.973	0.026
599.972	34649.08	23.0	599.633	599.966	-0.006
799.962	35114.26	23.0	799.649	799.959	-0.003
999.909	35571.40	23.0	999.643	999.928	0.019
799.976	35114.27	23.0	799.651	799.961	-0.015
600.004	34649.11	23.0	599.644	599.978	-0.026
400.001	34175.61	23.0	399.633	399.991	-0.010
199.996	33693.38	22.9	199.629	200.012	0.016
14.734	33238.50	22.9	14.332	14.737	0.003

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset (psia)

