

SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 2843
CALIBRATION DATE: 10-Feb-10

SBE9plus PRESSURE CALIBRATION DATA
10000 psia S/N 86527

DIGIQUARTZ COEFFICIENTS:

C1 = -4.029368e+004
C2 = -8.161470e-001
C3 = 1.260260e-002
D1 = 3.076300e-002
D2 = 0.000000e+000
T1 = 3.021227e+001
T2 = -4.808500e-004
T3 = 3.981640e-006
T4 = 3.194480e-009
T5 = 0.000000e+000

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 1.15700e-002
AD590B = -8.23750e+000
Slope = 0.99991
Offset = -1.0748 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.558	33115.10	21.9	15.943	14.384	-0.174
2014.988	33925.49	22.0	2016.635	2014.901	-0.087
4015.027	34714.51	22.0	4017.138	4015.228	0.201
6014.916	35483.52	22.0	6017.163	6015.078	0.162
8014.975	36234.05	22.0	8017.385	8015.125	0.150
10014.935	36966.88	22.0	10016.781	10014.345	-0.590
8014.908	36233.99	22.0	8017.184	8014.924	0.016
6014.693	35483.52	22.0	6017.112	6015.027	0.334
4014.766	34714.46	22.1	4016.928	4015.018	0.252
2014.664	33925.42	22.1	2016.373	2014.638	-0.025
14.562	33115.13	22.1	15.880	14.321	-0.240

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset (psia)

