

SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 0797
CALIBRATION DATE: 20-Sep-11

SBE9plus PRESSURE CALIBRATION DATA
10000 psia S/N 95787

DIGIQUARTZ COEFFICIENTS:

C1 = -4.289259e+004
C2 = -2.342210e-002
C3 = 1.233970e-002
D1 = 3.704000e-002
D2 = 0.000000e+000
T1 = 3.043431e+001
T2 = -3.431844e-004
T3 = 4.427170e-006
T4 = 2.063150e-009
T5 = 0.000000e+000

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 1.28700e-002
AD590B = -8.64008e+000
Slope = 0.99998
Offset = -1.1868 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.668	32869.71	21.9	16.351	14.630	-0.038
2015.081	33625.96	21.9	2016.741	2014.984	-0.097
4015.048	34362.96	22.0	4016.848	4015.054	0.006
6015.124	35082.06	22.0	6016.973	6015.143	0.020
8015.247	35784.39	22.0	8017.188	8015.323	0.076
10015.551	36470.84	22.1	10017.201	10015.300	-0.251
8015.290	35784.43	22.1	8017.285	8015.420	0.130
6015.163	35082.12	22.1	6017.086	6015.257	0.094
4015.086	34363.04	22.1	4016.975	4015.182	0.096
2015.058	33626.02	22.1	2016.799	2015.042	-0.017
14.667	32869.77	22.2	16.368	14.647	-0.020

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset (psia)

20-Sep-11 -0.00

