

SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 0256
CALIBRATION DATE: 22-Mar-11

SBE9plus PRESSURE CALIBRATION DATA
10000 psia S/N 50130

DIGIQUARTZ COEFFICIENTS:

C1 = -4.705724e+004
C2 = -4.431410e-002
C3 = 8.991870e-003
D1 = 4.427900e-002
D2 = 0.000000e+000
T1 = 3.014264e+001
T2 = -2.990150e-004
T3 = 3.699150e-006
T4 = 5.702540e-009
T5 = 0.000000e+000

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 1.14000e-002
AD590B = -8.24200e+000
Slope = 0.99980
Offset = -1.8417 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.598	33187.19	23.1	17.688	15.016	0.418
2014.982	33883.71	23.9	2017.753	2014.676	-0.305
4014.930	34563.80	24.0	4018.439	4014.958	0.028
6014.762	35228.40	24.0	6019.395	6015.508	0.746
8014.928	35878.21	24.0	8020.024	8015.733	0.805
10014.972	36513.74	24.0	10019.339	10014.643	-0.329
8014.807	35877.89	24.1	8018.991	8014.700	-0.107
6014.858	35228.07	24.1	6018.348	6014.462	-0.396
4014.918	34563.54	24.1	4017.636	4014.155	-0.763
2014.999	33883.70	24.1	2017.645	2014.569	-0.430
14.605	33187.29	24.2	17.605	14.933	0.329

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset (psia)

