

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 0256
CALIBRATION DATE: 07-Nov-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 = 0.99986
Offset = -1.8664 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.700	33187.16	22.5	17.842	15.134	0.434
2015.199	33883.67	22.6	2018.148	2015.156	-0.043
4015.184	34563.67	22.7	4018.617	4015.341	0.158
6015.182	35228.11	22.7	6019.124	6015.565	0.383
8015.343	35877.95	22.8	8019.823	8015.979	0.636
10015.656	36513.46	22.8	10019.108	10014.981	-0.675
8015.332	35877.85	22.8	8019.496	8015.653	0.321
6015.248	35228.07	22.8	6018.950	6015.391	0.143
4015.123	34563.39	22.8	4017.720	4014.445	-0.678
2015.067	33883.34	22.9	2017.104	2014.113	-0.954
14.699	33187.15	22.9	17.678	14.970	0.272

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset (psia)

