

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 1220
CALIBRATION DATE: 20-Jan-17

SBE 9plus PRESSURE CALIBRATION DATA
10000 psia S/N 91220-A

DIGIQUARTZ COEFFICIENTS:

C1 = -4.396022e+004
C2 = -1.130767e+000
C3 = 1.261120e-002
D1 = 3.507300e-002
D2 = 0.000000e+000
T1 = 2.997068e+001
T2 = -6.253509e-004
T3 = 3.819220e-006
T4 = 2.267250e-009
T5 = 0.000000e+000

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 1.28576e-002
AD590B = -8.32583e+000
Slope = 1.00005
Offset = -1.7898 (dbars)

PRESSURE (PSIA)	INSTRUMENT OUTPUT (Hz)	INSTRUMENT TEMPERATURE (°C)	INSTRUMENT PRESSURE (PSIA)	CORRECTED PRESSURE (PSIA)	RESIDUAL (PSIA)
14.186	33385.30	21.5	16.828	14.233	0.047
2001.110	34129.60	21.5	2003.490	2000.989	-0.121
3988.054	34855.90	21.6	3990.646	3988.240	0.186
5975.091	35565.10	21.6	5977.592	5975.280	0.189
7962.306	36258.30	21.6	7964.567	7962.350	0.044
9949.843	36936.50	21.6	9951.800	9949.678	-0.165
7962.347	36258.30	21.6	7964.534	7962.317	-0.030
5975.165	35565.10	21.6	5977.532	5975.220	0.055
3988.110	34855.90	21.6	3990.543	3988.136	0.026
2001.115	34129.60	21.6	2003.349	2000.848	-0.267
14.184	33385.40	21.7	16.815	14.220	0.036

Residual (PSIA) = corrected instrument pressure - reference pressure

