

# Sea-Bird Electronics, Inc.

13431 NE 20th Street, Bellevue, WA 98005-2010 USA  
 Phone: (+1) 425-643-9866 Fax (+1) 425-643-9954 Email: seabird@seabird.com

SENSOR SERIAL NUMBER: 92843  
 CALIBRATION DATE: 14-Mar-14

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 = 0.99994  
 Offset = -1.0281 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.555	33114.90	21.3	15.970	14.478	-0.077
2001.090	33919.70	21.5	2002.549	2000.935	-0.155
3987.974	34703.70	21.5	3989.774	3988.038	0.064
5975.007	35468.10	21.5	5976.974	5975.115	0.108
7962.286	36214.20	21.6	7964.271	7962.290	0.004
9949.709	36943.00	21.6	9951.304	9949.200	-0.509
7962.295	36214.30	21.6	7964.498	7962.516	0.221
5975.081	35468.20	21.6	5977.154	5975.296	0.215
3988.062	34703.90	21.7	3990.153	3988.417	0.355
2001.266	33919.90	21.7	2002.869	2001.255	-0.011
14.562	33115.00	21.8	15.836	14.345	-0.217

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset (psia)

