

# 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: 0920  
CALIBRATION DATE: 28-Sep-11

SBE9plus PRESSURE CALIBRATION DATA  
6000 psia S/N 112394

**DIGIQUARTZ COEFFICIENTS:**

C1 = -2.848711e+004  
C2 = -9.167749e-001  
C3 = 8.255600e-003  
D1 = 3.636300e-002  
D2 = 0.000000e+000  
T1 = 3.018103e+001  
T2 = -7.837088e-004  
T3 = 4.077050e-006  
T4 = 2.292300e-009  
T5 = 0.000000e+000

**AD590M, AD590B, SLOPE AND OFFSET:**

AD590M = 1.28598e-002  
AD590B = -8.62874e+000  
Slope = 1.00010  
Offset = 1.3943 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.783	33157.64	22.0	12.854	14.876	0.093
1215.154	33847.10	22.1	1212.893	1215.036	-0.118
2415.230	34520.73	22.1	2412.877	2415.142	-0.087
3615.256	35179.45	22.2	3612.828	3615.214	-0.042
4815.260	35824.14	22.2	4812.767	4815.275	0.015
6015.256	36455.54	22.2	6012.678	6015.308	0.052
4815.270	35824.19	22.2	4812.798	4815.306	0.035
3615.274	35179.55	22.2	3612.891	3615.277	0.004
2415.260	34520.90	22.3	2412.995	2415.260	0.000
1215.164	33847.29	22.3	1212.962	1215.105	-0.058
14.780	33157.83	22.3	12.863	14.885	0.105

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset (psia)

