

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: 0957
CALIBRATION DATE: 09-Oct-14

SBE 9plus PRESSURE CALIBRATION DATA
FSR: 10000 psia S/N 115173

DIGIQUARTZ COEFFICIENTS:

C1 = -4.701953e+004
C2 = -3.199230e-001
C3 = 1.464100e-002
D1 = 3.748600e-002
D2 = 0.000000e+000
T1 = 3.002465e+001
T2 = -3.417080e-004
T3 = 4.148380e-006
T4 = 2.793720e-009
T5 = 0.000000e+000

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 1.28150e-002
AD590B = -9.22501e+000
Slope = 0.99996
Offset = -2.7284 (dbars)

PRESSURE (PSIA)	INST OUTPUT (Hz)	INST TEMP (C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.620	33318.80	22.6	18.756	14.799	0.179
2001.214	34013.90	22.7	2005.012	2000.973	-0.241
3988.156	34693.30	22.7	3992.297	3988.176	0.020
5975.191	35357.50	22.8	5979.317	5975.114	-0.077
7962.364	36007.60	22.8	7966.822	7962.537	0.173
9949.864	36644.20	22.8	9954.278	9949.911	0.047
7962.484	36007.60	22.8	7966.799	7962.514	0.030
5975.409	35357.60	22.9	5979.580	5975.377	-0.032
3988.215	34693.30	22.9	3992.235	3988.113	-0.102
2001.504	34014.00	22.9	2005.221	2001.182	-0.322
14.623	33318.90	22.9	18.903	14.946	0.323

Residual = corrected instrument pressure - reference pressure

