

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: 0749
CALIBRATION DATE: 08-Apr-14

SBE 9plus PRESSURE CALIBRATION DATA
FSR: 10000 psia S/N 89958

DIGIQUARTZ COEFFICIENTS:

C1 = -4.970438e+004
C2 = -4.005750e-001
C3 = 1.365700e-002
D1 = 3.669600e-002
D2 = 0.000000e+000
T1 = 3.027760e+001
T2 = -4.522040e-004
T3 = 4.002070e-006
T4 = 1.971140e-009
T5 = 0.000000e+000

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 1.28370e-002
AD590B = -8.70664e+000
Slope = 0.99992
Offset = -1.8601 (dbars)

PRESSURE (PSIA)	INST OUTPUT (Hz)	INST TEMP (C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.660	33042.30	22.5	17.219	14.521	-0.139
2001.120	33695.00	22.7	2003.837	2000.988	-0.132
3987.905	34333.60	22.7	3991.073	3988.073	0.168
5975.061	34958.70	22.7	5978.184	5975.032	-0.029
7962.326	35571.10	22.8	7965.386	7962.083	-0.243
9949.610	36171.50	22.8	9952.872	9949.419	-0.191
7962.247	35571.20	22.8	7965.671	7962.369	0.122
5975.372	34958.90	22.8	5978.712	5975.561	0.189
3988.263	34333.80	22.9	3991.529	3988.529	0.266
2001.175	33695.20	22.9	2004.243	2001.394	0.219
14.656	33042.40	22.9	17.122	14.424	-0.232

Residual = corrected instrument pressure - reference pressure

