

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: 0511

CALIBRATION DATE: 25-Apr-16

SBE 9plus PRESSURE CALIBRATION DATA

10000 psia S/N 70768

DIGIQUARTZ COEFFICIENTS:

C1 = -5.006884e+004

C2 = -1.104210e+000

C3 = 1.561210e-002

D1 = 4.029500e-002

D2 = 0.000000e+000

T1 = 2.992485e+001

T2 = -6.269641e-004

T3 = 4.621850e-006

T4 = -1.599760e-009

T5 = 0.000000e+000

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 1.27630e-002

AD590B = -9.68095e+000

Slope = 0.99995

Offset = -1.2533 (dbars)

PRESSURE (PSIA)	INSTRUMENT OUTPUT (Hz)	INSTRUMENT TEMPERATURE (°C)	INSTRUMENT PRESSURE (PSIA)	CORRECTED PRESSURE (PSIA)	RESIDUAL (PSIA)
14.701	33435.50	21.9	16.673	14.856	0.155
2000.980	34090.80	22.1	2002.850	2000.936	-0.044
3987.964	34732.00	22.1	3990.027	3988.016	0.052
5974.971	35359.60	22.1	5977.194	5975.085	0.114
7962.146	35974.40	22.1	7964.547	7962.342	0.196
9949.635	36577.00	22.2	9951.900	9949.599	-0.036
7962.081	35974.30	22.2	7964.145	7961.940	-0.141
5975.023	35359.60	22.2	5977.041	5974.933	-0.090
3987.893	34732.00	22.2	3989.833	3987.822	-0.071
2000.978	34090.90	22.3	2002.862	2000.947	-0.031
14.703	33435.60	22.3	16.417	14.599	-0.104

Residual (PSIA) = corrected instrument pressure - reference pressure

