

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: 0905

CALIBRATION DATE: 14-Apr-15

SBE 9plus PRESSURE CALIBRATION DATA

FSR: 10000 psia S/N 107063

DIGIQUARTZ COEFFICIENTS:

C1 = -4.575720e+004

C2 = -5.863610e-001

C3 = 1.203100e-002

D1 = 3.538700e-002

D2 = 0.000000e+000

T1 = 3.024771e+001

T2 = -4.970043e-004

T3 = 3.066360e-006

T4 = 6.276250e-009

T5 = 0.000000e+000

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 1.26296e-002

AD590B = -9.53017e+000

Slope = 1.00004

Offset = -0.0725 (dbars)

PRESSURE (PSIA)	INST OUTPUT (Hz)	INST TEMP (C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.742	33075.60	20.7	15.187	15.082	0.340
2001.718	33784.30	20.8	2000.998	2000.969	-0.749
3988.564	34476.80	20.8	3988.214	3988.262	-0.302
5975.579	35153.60	20.8	5975.353	5975.479	-0.100
7962.669	35815.60	20.9	7962.382	7962.585	-0.084
9949.996	36463.70	20.9	9949.582	9949.862	-0.134
7962.755	35815.80	20.9	7962.975	7963.178	0.423
5975.632	35153.80	20.9	5975.889	5976.015	0.383
3988.753	34477.00	20.9	3988.711	3988.760	0.007
2001.896	33784.60	20.9	2001.730	2001.702	-0.194
14.746	33075.70	20.9	15.262	15.156	0.410

Residual = corrected instrument pressure - reference pressure

