

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: 0533
CALIBRATION DATE: 15-Dec-15

SBE 9plus PRESSURE CALIBRATION DATA
10000 psia S/N 68467

DIGIQUARTZ COEFFICIENTS:

C1 = -4.829347e+004
C2 = -2.633120e-001
C3 = 1.442460e-002
D1 = 3.981300e-002
D2 = 0.000000e+000
T1 = 2.994228e+001
T2 = -3.397543e-004
T3 = 4.042180e-006
T4 = 2.046070e-009
T5 = 0.000000e+000

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 1.28907e-002
AD590B = -8.82386e+000
Slope = 0.99998
Offset = 0.6906 (dbars)

PRESSURE (PSIA)	INSTRUMENT OUTPUT (Hz)	INSTRUMENT TEMPERATURE (°C)	INSTRUMENT PRESSURE (PSIA)	CORRECTED PRESSURE (PSIA)	RESIDUAL (PSIA)
14.759	33408.50	22.0	13.792	14.793	0.034
2001.071	34087.30	22.2	1999.910	2000.867	-0.204
3988.261	34751.10	22.3	3987.295	3988.206	-0.055
5975.332	35400.30	22.3	5974.455	5975.321	-0.011
7962.909	36036.00	22.3	7962.307	7963.128	0.219
9949.877	36658.30	22.4	9948.864	9949.639	-0.238
7962.340	36035.80	22.4	7961.643	7962.464	0.124
5977.376	35401.00	22.4	5976.525	5977.391	0.015
3987.682	34751.00	22.5	3986.858	3987.769	0.087
2001.348	34087.50	22.5	2000.342	2001.298	-0.050
14.754	33408.60	22.5	13.833	14.834	0.080

Residual (PSIA) = corrected instrument pressure - reference pressure

