Sea-Bird Electronics, Inc.

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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
Т1	=	2.994228e+001
Т2	=	-3.397543e-004
Т3	=	4.042180e-006
T4	=	2.046070e-009

0.000000e+000

T5 =

AD590M, AD590B, SLOPE AND OFFSET:

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

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

Residual (PSIA) = corrected instrument pressure - reference pressure

