

SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 0607
CALIBRATION DATE: 06-Mar-09

SBE9plus PRESSURE CALIBRATION DATA
10000 psia S/N 80016

DIGIQUARTZ COEFFICIENTS:

C1 = -4.589988e+004
C2 = -1.257540e+000
C3 = 1.319840e-002
D1 = 3.383500e-002
D2 = 0.000000e+000
T1 = 3.008300e+001
T2 = -6.730880e-004
T3 = 3.893580e-006
T4 = 2.333810e-009
T5 = 0.000000e+000

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 1.28452e-002
AD590B = -8.66959e+000
Slope = 1.00004
Offset = -1.7398 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.718	33259.50	17.8	17.288	14.764	0.046
2001.463	33970.10	17.9	2003.869	2001.432	-0.031
3988.738	34664.40	18.0	3991.199	3988.848	0.110
5974.686	35342.60	18.1	5977.081	5974.817	0.131
7962.526	36006.70	18.2	7964.682	7962.504	-0.022
9949.841	36656.70	18.2	9951.600	9949.509	-0.332
7963.426	36007.10	18.3	7965.685	7963.508	0.082
5975.348	35343.00	18.4	5977.846	5975.582	0.234
3988.467	34664.50	18.4	3990.905	3988.554	0.087
2001.478	33970.40	18.4	2003.882	2001.445	-0.033
14.721	33259.80	18.5	16.973	14.450	-0.271

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset(psia)

