

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: 0658
CALIBRATION DATE: 23-Jan-17

SBE 16 PRESSURE CALIBRATION DATA
1000 psia S/N 44901

DIGIQUARTZ COEFFICIENTS:

C1 = -4.614960e+003
C2 = -7.897250e-002
C3 = 8.594230e-004
D1 = 6.642100e-002
D2 = 0.000000e+000
T1 = 3.029930e+001
T2 = -4.185800e-004
T3 = 2.853680e-006
T4 = 0.000000e+000
T5 = 0.000000e+000

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 0.00000e+000
AD590B = 0.00000e+000
Slope = 1.00004
Offset = 0.7449 (dbars)

PRESSURE (PSIA)	INSTRUMENT OUTPUT (Hz)	INSTRUMENT TEMPERATURE (°C)	INSTRUMENT PRESSURE (PSIA)	CORRECTED PRESSURE (PSIA)	RESIDUAL (PSIA)
14.501	33060.56	21.9	13.436	14.517	0.015
199.761	33713.55	21.9	198.692	199.780	0.020
399.767	34400.85	21.9	398.686	399.783	0.016
599.768	35070.94	21.9	598.680	599.786	0.018
799.773	35724.82	21.9	798.666	799.781	0.008
999.734	36363.40	21.9	998.634	999.757	0.023
799.781	35724.79	22.0	798.646	799.760	-0.021
599.801	35070.94	22.0	598.671	599.776	-0.025
399.797	34400.81	22.0	398.664	399.761	-0.036
199.785	33713.52	22.0	198.674	199.762	-0.023
14.503	33060.56	22.0	13.427	14.508	0.004

Residual (PSIA) = corrected instrument pressure - reference pressure

