



Sea-Bird Scientific
13431 NE 20th Street
Bellevue, WA 98005
USA

+1 425-643-9866
seabird@seabird.com
www.seabird.com

SENSOR SERIAL NUMBER: 0533
CALIBRATION DATE: 05-Aug-25

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

DIGIQUARTZ COEFFICIENTS:

C1 = -4.829347e+04
C2 = -2.633120e-01
C3 = 1.442460e-02
D1 = 3.981300e-02
D2 = 0.000000e+00
T1 = 2.994228e+01
T2 = -3.397543e-04
T3 = 4.042180e-06
T4 = 2.046070e-09
T5 = 0.000000e+00

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 0.00000e+00
AD590B = 0.00000e+00
Slope = 0.99983
Offset = -0.1419 (dbars)

PRESSURE (PSIA)	INSTRUMENT OUTPUT (Hz)	INSTRUMENT TEMPERATURE (°C)	INSTRUMENT PRESSURE (PSIA)	CORRECTED PRESSURE (PSIA)	RESIDUAL (PSIA)
14.541	33408.70	22.7	14.039	13.833	-0.708
1999.252	34087.50	22.8	2000.204	1999.669	0.417
3986.195	34751.30	22.8	3987.582	3986.717	0.522
5973.643	35400.50	22.8	5974.745	5973.551	-0.092
7960.999	36036.20	22.9	7962.599	7961.075	0.076
9948.397	36658.70	22.9	9949.800	9947.947	-0.450
7960.361	36035.90	22.9	7961.635	7960.111	-0.250
5974.119	35400.70	22.9	5975.322	5974.128	0.009
3986.057	34751.30	22.9	3987.529	3986.665	0.608
1999.356	34087.60	22.9	2000.412	1999.877	0.521
14.542	33408.80	23.2	14.095	13.889	-0.653

Residual (PSIA) = corrected instrument pressure - reference pressure

