

# SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 91220B  
CALIBRATION DATE: 16-Feb-10

SBE9plus PRESSURE CALIBRATION DATA  
3000 psia S/N 26072

## DIGIQUARTZ COEFFICIENTS:

C1 = -8.560655e+003  
C2 = -6.593507e-002  
C3 = 1.867510e-003  
D1 = 3.904000e-002  
D2 = 0.000000e+000  
T1 = 2.903795e+001  
T2 = -3.382669e-004  
T3 = 3.374790e-006  
T4 = 0.000000e+000  
T5 = 0.000000e+000

## AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 1.28164e-002  
AD590B = -9.86644e+000  
Slope = 1.00025  
Offset = -0.7440 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.721	34476.20	20.7	15.871	14.792	0.071
614.986	35657.95	20.8	615.660	614.733	-0.253
1215.066	36795.88	20.8	1215.548	1214.774	-0.292
1815.108	37893.80	20.8	1815.410	1814.788	-0.320
2415.147	38955.44	20.8	2415.386	2414.917	-0.230
3015.081	39984.02	20.9	3015.624	3015.308	0.227
2414.984	38955.84	20.9	2415.603	2415.134	0.150
1815.035	37894.54	20.9	1815.805	1815.184	0.148
1214.956	36796.68	20.9	1215.961	1215.187	0.231
614.947	35658.57	21.0	615.955	615.029	0.082
14.725	34476.53	21.1	15.993	14.914	0.190

Residual = corrected instrument pressure - reference pressure

