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SENSOR SERIAL NUMBER: 0653
CALIBRATION DATE: 09-Jan-20

SBE 16 PRESSURE CALIBRATION DATA
FSR: 1000 psia S/N 62326 TCV:

QUADRATIC COEFFICIENTS:

PA0 = -3.430181e+003
PA1 = -7.199603e-002
PA2 = 5.267246e-006

STRAIGHT LINE FIT:

M = 2.952491e-001
B = -9.825434e+003

PRESSURE (PSIA)	INSTRUMENT OUTPUT (counts)	COMPUTED PRESSURE (PSIA)	RESIDUAL (%FSR)	LINEAR FIT (PSIA)	LINEAR RESIDUAL (%FSR)
14.57	33305.1	14.58	0.00	7.88	-0.67
199.84	33961.2	199.78	-0.01	201.57	0.17
399.83	34652.3	399.81	-0.00	405.63	0.58
599.84	35326.7	599.83	-0.00	604.74	0.49
799.82	35985.6	799.90	0.01	799.29	-0.05
999.83	36629.5	999.82	-0.00	989.40	-1.04
799.78	35985.0	799.70	-0.01	799.10	-0.07
599.79	35326.7	599.84	0.00	604.75	0.50
399.78	34652.3	399.81	0.00	405.63	0.59
199.81	33961.2	199.80	-0.00	201.58	0.18
14.58	33305.2	14.60	0.00	7.90	-0.67

n = instrument output (counts)

Straight Line Fit: Pressure (PSIA) = M * n + B

Quadratic Fit: Pressure (PSIA) = PA0 + PA1 * n + PA2 * n²

Residual (%FSR) = (computed pressure - true pressure) * 100 / Full Scale Range

