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SENSOR SERIAL NUMBER: 0655
CALIBRATION DATE: 04-Jun-24

SBE 16 PRESSURE CALIBRATION DATA
FSR: 1000 psia S/N 44817 TCV:

QUADRATIC COEFFICIENTS:

PA0 = -3.301592e+003
PA1 = -9.123563e-002
PA2 = 5.773847e-006

STRAIGHT LINE FIT:

M = 3.085857e-001
B = -1.021712e+004

PRESSURE (PSIA)	INSTRUMENT OUTPUT (counts)	COMPUTED PRESSURE (PSIA)	RESIDUAL (%FSR)	LINEAR FIT (PSIA)	LINEAR RESIDUAL (%FSR)
14.43	33134.6	14.45	0.00	7.73	-0.67
199.73	33761.9	199.52	-0.02	201.31	0.16
399.76	34424.0	399.78	0.00	405.63	0.59
599.74	35068.9	599.73	-0.00	604.65	0.49
799.76	35699.6	799.87	0.01	799.26	-0.05
999.78	36315.1	999.66	-0.01	989.21	-1.06
799.76	35699.5	799.84	0.01	799.23	-0.05
599.75	35069.0	599.73	-0.00	604.66	0.49
399.75	34424.0	399.79	0.00	405.63	0.59
199.74	33762.5	199.72	-0.00	201.51	0.18
14.44	33134.9	14.55	0.01	7.83	-0.66

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

