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SENSOR SERIAL NUMBER: 2341
CALIBRATION DATE: 06-Apr-23

SBE 37 PRESSURE CALIBRATION DATA
1450 psia S/N 1230

COEFFICIENTS:

PA0 =	-7.193592e-001	PTCA0 =	-2.379297e+002
PA1 =	6.868954e-002	PTCA1 =	-4.678249e-001
PA2 =	-5.114555e-009	PTCA2 =	-2.597318e-004
		PTCB0 =	2.474413e+001
		PTCB1 =	-5.750000e-004
		PTCB2 =	0.000000e+000

PRESSURE SPAN CALIBRATION

PRESSURE (PSIA)	INSTRUMENT OUTPUT (counts)	TEMPERATURE (°C)	COMPUTED PRESSURE (PSIA)	RESIDUAL (%FSR)
14.43	-28.9	22.1	14.37	-0.00
301.66	4152.8	22.1	301.65	-0.00
588.61	8332.6	22.1	588.63	0.00
875.67	12516.1	22.2	875.69	0.00
1162.92	16705.1	22.2	1162.94	0.00
1450.03	20894.0	22.2	1450.01	-0.00
1162.93	16705.1	22.2	1162.94	0.00
875.90	12519.1	22.3	875.90	0.00
588.73	8333.6	22.3	588.71	-0.00
301.65	4152.0	22.3	301.61	-0.00
14.42	-27.1	22.7	14.51	0.01

THERMAL CORRECTION

TEMP (°C)	INSTRUMENT OUTPUT (counts)
32.50	-20.48
29.00	-18.65
24.00	-16.30
18.50	-13.68
15.00	-12.06
4.50	-7.06
1.00	-5.39

TEMPERATURE (°C)	SPAN
-5.00	24.75
35.00	24.72

x = instrument output - PTCA0 - PTCA1 * t - PTCA2 * t^2

n = x * PTCB0 / (PTCB0 + PTCB1 * t + PTCB2 * t^2)

pressure (PSIA) = PA0 + PA1 * n + PA2 * n^2

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