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SENSOR SERIAL NUMBER: 3769
CALIBRATION DATE: 03-Mar-15

SBE 37 PRESSURE CALIBRATION DATA
FSR: 1450 psia S/N 5759

COEFFICIENTS:

PA0 =	1.209695e+000	PTCA0 =	-1.339735e+002
PA1 =	6.877311e-002	PTCA1 =	4.877421e-001
PA2 =	-4.247170e-009	PTCA2 =	1.372617e-002
		PTCB0 =	2.484900e+001
		PTCB1 =	2.000000e-004
		PTCB2 =	0.000000e+000

PRESSURE SPAN CALIBRATION						THERMAL CORRECTION	
PRESSURE PSIA	INST OUTPUT	TEMP ITS90	COMPUTED PRESSURE	ERROR %FS		TEMP ITS90	INST OUTPUT
14.73	80.3	22.2	14.73	0.00		32.50	104.77
315.01	4448.4	22.1	315.01	-0.00		29.00	99.55
615.01	8814.6	22.1	614.98	-0.00		24.00	94.19
915.01	13183.7	22.2	914.98	-0.00		18.50	87.88
1215.01	17555.4	22.2	1215.01	-0.00		15.00	84.55
1464.98	21199.3	22.3	1464.96	-0.00		4.50	76.92
1214.98	17555.9	22.3	1215.04	0.00		1.00	74.62
915.01	13184.5	22.4	915.02	0.00			
615.01	8815.4	22.4	615.01	-0.00		TEMP (ITS90)	SPAN (mV)
314.99	4448.7	22.4	315.00	0.00		-5.00	24.85
14.72	80.3	22.4	14.72	-0.00		35.00	24.86

$x = \text{pressure output} - PTCA0 - PTCA1 * t - PTCA2 * t^2$

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

$\text{pressure (psia)} = PA0 + PA1 * n + PA2 * n^2$

Date, Avg Delta P %FS

● 03-Mar-15   -0.00