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SENSOR SERIAL NUMBER: 3767
CALIBRATION DATE: 04-Mar-15

SBE 37 PRESSURE CALIBRATION DATA
FSR: 1450 psia S/N 5756

COEFFICIENTS:

PA0 =	8.019693e-001		PTCA0 =	-1.728584e+002
PA1 =	6.919261e-002		PTCA1 =	4.996848e-001
PA2 =	-3.970452e-009		PTCA2 =	-1.562682e-005
			PTCB0 =	2.469425e+001
			PTCB1 =	-5.500000e-004
			PTCB2 =	0.000000e+000

PRESSURE SPAN CALIBRATION

PRESSURE PSIA	INST OUTPUT	TEMP ITS90	COMPUTED PRESSURE	ERROR %FS
14.75	40.2	23.2	14.75	0.00
315.02	4378.6	23.3	315.01	-0.00
615.02	8715.1	23.2	614.99	-0.00
915.03	13054.0	23.2	914.98	-0.00
1214.98	17395.0	23.2	1214.97	-0.00
1464.98	21014.4	23.2	1464.98	-0.00
1214.99	17395.6	23.1	1215.01	0.00
914.99	13054.6	23.1	915.02	0.00
614.99	8715.5	23.1	615.02	0.00
314.98	4378.7	23.1	315.02	0.00
14.75	39.9	23.1	14.73	-0.00

THERMAL CORRECTION

TEMP ITS90	INST OUTPUT
32.50	61.89
29.00	60.38
24.00	57.96
18.50	55.05
15.00	53.12
4.50	48.03
1.00	46.36

TEMP (ITS90)	SPAN (mV)
-5.00	24.70
35.00	24.68

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

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

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

Date, Avg Delta P %FS

● 04-Mar-15   0.00