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SENSOR SERIAL NUMBER: 0819
CALIBRATION DATE: 09-Oct-19

SBE 37 PRESSURE CALIBRATION DATA
1500 psia S/N 192103

COEFFICIENTS:

PA0 = 4.190398e+000
PA1 = 6.014449e-002
PA2 = 1.899535e-008

PTCA1 = 4.981224e-001
PTCA2 = 4.070783e-002

PRESSURE SPAN CALIBRATION

THERMAL CORRECTION

PRESSURE (PSIA)	INSTRUMENT OUTPUT (counts)	TEMPERATURE (°C)	COMPUTED PRESSURE (PSIA)	RESIDUAL (%FSR)	TEMP (°C)	INSTRUMENT OUTPUT (counts)
14.66	201.0	22.3	14.39	-0.02	32.50	237.40
314.91	5181.6	22.3	314.45	-0.03	29.00	225.94
614.90	10138.3	22.3	614.01	-0.06	24.00	212.82
914.88	15090.0	22.3	914.19	-0.05	18.50	201.41
1214.89	20030.0	22.3	1214.60	-0.02	15.00	192.71
1514.90	24952.8	22.3	1514.88	-0.00	4.50	184.13
1214.93	20041.5	22.4	1215.28	0.02	1.00	175.92
914.91	15113.3	22.3	915.61	0.05		
614.91	10165.6	22.4	615.65	0.05		
314.88	5199.2	22.4	315.50	0.04		
14.68	209.6	22.4	14.90	0.01		

t = temperature (°C)

n = instrument output - (PTCA1 * t + PTCA2 * t²)

pressure (PSIA) = PA0 + PA1 * n + PA2 * n²

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

Date, Offset (%FSR)

● 09-Oct-19 -0.00

