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SENSOR SERIAL NUMBER: 0826
CALIBRATION DATE: 24-Oct-18

SBE 37 PRESSURE CALIBRATION DATA
1500 psia S/N 192106

COEFFICIENTS:

PA0 = 9.851496e+000
PA1 = 6.021586e-002
PA2 = 1.600887e-008

PTCA1 = 2.748701e+000
PTCA2 = 3.522940e-002

PRESSURE SPAN CALIBRATION

THERMAL CORRECTION

PRESSURE (PSIA)	INSTRUMENT OUTPUT (counts)	TEMPERATURE (°C)	COMPUTED PRESSURE (PSIA)	RESIDUAL (%FSR)	TEMP (°C)	INSTRUMENT OUTPUT (counts)
14.62	183.1	26.5	15.01	0.03	32.50	231.00
312.48	5105.1	26.5	311.79	-0.05	29.00	213.21
609.75	10022.8	26.5	609.09	-0.04	24.00	190.72
906.97	14929.1	26.5	906.47	-0.03	18.50	167.72
1204.20	19820.1	26.5	1203.70	-0.03	15.00	150.88
1501.62	24706.8	26.5	1501.42	-0.01	4.50	121.39
1204.39	19840.4	26.5	1204.93	0.04	1.00	104.27
907.04	14953.9	26.5	907.98	0.06		
609.83	10051.2	26.5	610.81	0.07		
312.54	5109.2	26.5	312.04	-0.03		
14.62	179.6	26.5	14.80	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)

● 24-Oct-18 -0.00

