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SENSOR SERIAL NUMBER: 5855
CALIBRATION DATE: 13-Oct-17

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.35377232e-003
h = 6.30492506e-004
i = 1.96436675e-005
j = 1.38884159e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	3008.950	-1.5001	-0.00007
1.0000	3184.691	1.0001	0.00009
4.5001	3443.079	4.5001	0.00001
8.0000	3716.278	8.0001	0.00005
11.5000	4004.719	11.5000	-0.00005
15.0000	4308.830	14.9999	-0.00007
18.5000	4629.020	18.4999	-0.00005
22.0000	4965.690	22.0000	0.00002
25.5000	5319.226	25.5001	0.00009
29.0000	5689.995	29.0000	0.00005
32.5000	6078.367	32.4999	-0.00007

f = Instrument Output (Hz)

Temperature ITS-90 (°C) = $1 / \{ g + h[\ln(f_0 / f)] + i[\ln^2(f_0 / f)] + j[\ln^3(f_0 / f)] \} - 273.15$

Residual (°C) = instrument temperature - bath temperature

