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SENSOR SERIAL NUMBER: 5584
CALIBRATION DATE: 18-Jul-19

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.33579474e-003
h = 6.47208681e-004
i = 3.47680105e-005
j = 5.60241671e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	2890.937	-1.5002	-0.00019
1.0000	3059.809	1.0002	0.00018
4.5000	3308.157	4.5004	0.00042
8.0000	3570.711	7.9999	-0.00007
11.5000	3847.883	11.4997	-0.00032
15.0000	4139.885	14.9984	-0.00162
18.5000	4447.450	18.5010	0.00099
22.0000	4770.384	22.0020	0.00199
25.5000	5108.815	25.5003	0.00034
29.0000	5463.012	28.9968	-0.00323
32.5000	5834.262	32.5015	0.00152

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

