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SENSOR SERIAL NUMBER: 5207
CALIBRATION DATE: 05-Oct-19

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.32477734e-003
h = 6.34393713e-004
i = 2.13278350e-005
j = 1.90974296e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	2851.711	-1.5000	0.00002
1.0000	3017.187	1.0000	-0.00003
4.5000	3260.401	4.5000	0.00002
8.0000	3517.426	8.0000	-0.00000
11.5000	3788.647	11.5000	-0.00004
15.0000	4074.450	15.0001	0.00006
18.5000	4375.170	18.5000	-0.00001
22.0000	4691.180	22.0000	-0.00000
25.5000	5022.814	25.5000	0.00001
29.0000	5370.390	29.0000	-0.00005
32.5000	5734.246	32.5000	0.00003

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

