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SENSOR SERIAL NUMBER: 5207
CALIBRATION DATE: 28-Mar-18

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.32463171e-003
h = 6.34056068e-004
i = 2.10816986e-005
j = 1.85036815e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5001	2851.737	-1.5000	0.00006
1.0000	3017.219	0.9999	-0.00009
4.4999	3260.434	4.4999	-0.00001
7.9999	3517.466	7.9999	0.00001
11.4999	3788.695	11.4999	0.00003
15.0000	4074.502	15.0001	0.00006
18.5000	4375.221	18.4999	-0.00007
21.9999	4691.234	21.9999	0.00003
25.5000	5022.875	25.4999	-0.00005
28.9999	5370.465	28.9999	0.00002
32.4999	5734.329	32.4999	0.00001

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

