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SENSOR SERIAL NUMBER: 4333
CALIBRATION DATE: 11-Jan-24

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 3.30730364e-003
h = -1.44952879e-003
i = -1.31078261e-003
j = -2.78759626e-004
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	3156.711	-0.2932	1.20682
1.0000	3156.711	-0.2932	-1.29318
4.5000	3603.664	4.7305	0.23051
8.0000	3884.508	7.9736	-0.02642
11.5000	4180.707	11.3792	-0.12084
15.0000	4492.629	14.8947	-0.10532
18.5000	4820.660	18.4696	-0.03039
22.0000	5165.199	22.0550	0.05505
25.5000	5526.590	25.6029	0.10292
29.0000	5905.227	29.0670	0.06705
32.5000	6301.418	32.4021	-0.09795

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

