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SENSOR SERIAL NUMBER: 5207
CALIBRATION DATE: 06-Oct-23

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.32476738e-003
h = 6.34413069e-004
i = 2.13538592e-005
j = 1.91870869e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	2851.655	-1.5000	0.00004
1.0000	3017.129	1.0000	-0.00001
4.5001	3260.337	4.5000	-0.00011
8.0000	3517.364	8.0000	0.00004
11.5000	3788.586	11.5001	0.00006
15.0000	4074.372	15.0000	0.00002
18.5000	4375.091	18.5000	-0.00000
22.0000	4691.091	22.0000	-0.00003
25.5000	5022.715	25.5000	-0.00002
29.0000	5370.285	29.0000	-0.00003
32.5000	5734.126	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

