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SENSOR SERIAL NUMBER: 4484
CALIBRATION DATE: 28-Jan-23

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.39922310e-003
h = 6.40188545e-004
i = 2.13514770e-005
j = 1.80348328e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	3196.944	-1.5000	0.00001
1.0000	3381.849	1.0000	-0.00000
4.5000	3653.530	4.5000	-0.00003
8.0000	3940.549	8.0000	-0.00004
11.5000	4243.336	11.5001	0.00007
15.0000	4562.274	15.0000	0.00004
18.5000	4897.765	18.4999	-0.00006
22.0000	5250.215	22.0000	-0.00001
25.5000	5619.977	25.5000	-0.00001
29.0000	6007.416	29.0000	0.00002
32.5000	6412.869	32.5000	-0.00000

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

