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SENSOR SERIAL NUMBER: 1692
CALIBRATION DATE: 11-Oct-23

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.80225457e-003
h = 6.72275341e-004
i = 2.57428604e-005
j = 2.04381493e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	5875.123	-1.5000	0.00002
1.0000	6213.481	1.0000	-0.00001
4.5001	6710.465	4.5000	-0.00007
8.0000	7235.279	8.0000	0.00004
11.5001	7788.668	11.5001	0.00000
15.0000	8371.326	15.0001	0.00009
18.5000	8983.921	18.4999	-0.00010
22.0000	9627.202	22.0000	0.00000
25.5001	10301.762	25.5001	0.00000
29.0001	11008.193	29.0001	-0.00000
32.5001	11747.106	32.5001	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

