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SENSOR SERIAL NUMBER: 1692
CALIBRATION DATE: 26-Apr-22

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.80205431e-003
h = 6.72102795e-004
i = 2.56501085e-005
j = 2.02757491e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	5874.188	-1.5000	0.00001
1.0000	6212.489	1.0000	-0.00001
4.5000	6709.380	4.5000	-0.00002
8.0000	7234.100	8.0000	-0.00001
11.5000	7787.389	11.5000	0.00003
15.0000	8369.953	15.0001	0.00007
18.5000	8982.441	18.4999	-0.00013
22.0000	9625.623	22.0000	0.00003
25.5000	10300.054	25.5000	0.00004
29.0000	11006.362	29.0000	-0.00001
32.5000	11745.162	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

