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SENSOR SERIAL NUMBER: 1692
CALIBRATION DATE: 20-Dec-19

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.80224314e-003
h = 6.72390716e-004
i = 2.57958670e-005
j = 2.05151435e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	5874.218	-1.5000	0.00001
1.0000	6212.523	1.0000	-0.00001
4.5000	6709.423	4.5000	-0.00001
8.0000	7234.156	8.0000	0.00001
11.5000	7787.455	11.5000	0.00004
15.0000	8370.025	15.0000	0.00004
18.5000	8982.527	18.4998	-0.00015
22.0000	9625.730	22.0000	0.00005
25.5000	10300.169	25.5000	0.00004
29.0000	11006.488	29.0000	0.00001
32.5000	11745.283	32.5000	-0.00002

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

