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SENSOR SERIAL NUMBER: 1075
CALIBRATION DATE: 20-Dec-19

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.86402484e-003
h = 6.81574437e-004
i = 2.63469117e-005
j = 1.93342825e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	6358.090	-1.5000	0.00004
1.0000	6722.020	1.0000	-0.00004
4.5000	7256.431	4.5000	-0.00002
8.0000	7820.614	8.0000	-0.00000
11.5000	8415.358	11.5000	0.00002
15.0000	9041.428	15.0000	0.00005
18.5000	9699.552	18.5000	-0.00002
22.0000	10390.484	22.0000	0.00001
25.5000	11114.885	25.5000	-0.00004
29.0000	11873.451	29.0000	-0.00002
32.5000	12666.819	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

