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SENSOR SERIAL NUMBER: 5898
CALIBRATION DATE: 13-Oct-17

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.35062456e-003
h = 6.25956962e-004
i = 1.89540177e-005
j = 1.31791317e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	3014.610	-1.5000	-0.00004
1.0000	3191.697	1.0001	0.00007
4.5001	3452.148	4.5001	-0.00003
8.0000	3727.631	8.0001	0.00005
11.5000	4018.582	11.5000	-0.00001
15.0000	4325.437	15.0000	-0.00004
18.5000	4648.617	18.4999	-0.00006
22.0000	4988.540	22.0000	-0.00000
25.5000	5345.601	25.5001	0.00007
29.0000	5720.182	29.0001	0.00006
32.5000	6112.657	32.4999	-0.00006

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

