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SENSOR SERIAL NUMBER: 5898
CALIBRATION DATE: 05-Oct-19

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.35071799e-003
h = 6.26129586e-004
i = 1.90557175e-005
j = 1.33930359e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	3014.600	-1.5000	-0.00004
1.0000	3191.676	1.0000	0.00003
4.5000	3452.118	4.5001	0.00006
8.0000	3727.587	8.0000	0.00001
11.5000	4018.526	11.4999	-0.00006
15.0000	4325.377	15.0000	-0.00001
18.5000	4648.541	18.4999	-0.00007
22.0000	4988.453	22.0000	0.00001
25.5000	5345.500	25.5001	0.00007
29.0000	5720.065	29.0001	0.00006
32.5000	6112.520	32.4999	-0.00007

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

