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SENSOR SERIAL NUMBER: 5895
CALIBRATION DATE: 26-Feb-19

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.32208493e-003
h = 6.37262480e-004
i = 2.24862941e-005
j = 2.13717785e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	2829.413	-1.5000	-0.00002
1.0000	2993.201	1.0000	0.00002
4.5000	3233.907	4.5000	0.00004
8.0000	3488.260	8.0000	-0.00001
11.5000	3756.643	11.5000	-0.00001
15.0000	4039.412	14.9999	-0.00008
18.5000	4336.941	18.5000	0.00003
22.0000	4649.555	22.0001	0.00009
25.5000	4977.573	25.5000	-0.00000
29.0000	5321.330	28.9999	-0.00008
32.5000	5681.148	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

