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SENSOR SERIAL NUMBER: 4799
CALIBRATION DATE: 12-May-17

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.36404115e-003
h = 6.37113191e-004
i = 2.09435635e-005
j = 1.76266972e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	3029.445	-1.5000	0.00002
1.0000	3204.868	1.0000	-0.00001
4.5001	3462.650	4.5001	-0.00004
8.0000	3735.004	8.0000	-0.00001
11.5000	4022.349	11.5000	0.00004
15.0000	4325.063	15.0000	0.00004
18.5000	4643.527	18.5000	-0.00000
22.0000	4978.113	22.0000	-0.00003
25.5000	5329.183	25.5000	-0.00001
29.0000	5697.075	29.0000	-0.00000
32.5000	6082.124	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

