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SENSOR SERIAL NUMBER: 5773
CALIBRATION DATE: 30-Jan-20

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.35228597e-003
h = 6.29925088e-004
i = 1.99607626e-005
j = 1.50121759e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	3005.765	-1.5000	-0.00005
1.0000	3181.567	1.0000	0.00005
4.5000	3440.072	4.5001	0.00005
8.0000	3713.420	8.0000	-0.00003
11.5000	4002.053	11.5000	-0.00001
15.0000	4306.377	14.9999	-0.00005
18.5000	4626.816	18.5000	0.00001
22.0000	4963.752	22.0000	-0.00000
25.5000	5317.589	25.5001	0.00006
29.0000	5688.683	29.0000	-0.00000
32.5000	6077.416	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

