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SENSOR SERIAL NUMBER: 5773
CALIBRATION DATE: 13-Jan-22

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.35229577e-003
h = 6.29952237e-004
i = 1.99761771e-005
j = 1.50404411e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5001	3005.731	-1.5002	-0.00006
1.0000	3181.539	1.0001	0.00006
4.5000	3440.040	4.5001	0.00006
8.0000	3713.385	8.0000	-0.00002
11.5000	4002.010	11.4999	-0.00005
15.0000	4306.338	15.0000	-0.00001
18.5000	4626.765	18.5000	-0.00004
22.0000	4963.706	22.0000	0.00003
25.5000	5317.535	25.5000	0.00005
29.0000	5688.629	29.0000	0.00002
32.5000	6077.355	32.5000	-0.00004

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

