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SENSOR SERIAL NUMBER: 5889
CALIBRATION DATE: 11-Oct-17

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.35722314e-003
h = 6.28622972e-004
i = 1.94656957e-005
j = 1.38633579e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	3036.060	-1.5001	-0.00006
1.0000	3213.924	1.0001	0.00010
4.5000	3475.468	4.5000	-0.00000
8.0001	3752.077	8.0001	-0.00004
11.5000	4044.167	11.5000	0.00001
15.0000	4352.178	15.0000	0.00002
18.5000	4676.517	18.4999	-0.00006
22.0000	5017.615	22.0000	0.00001
25.5001	5375.861	25.5001	0.00001
29.0000	5751.623	29.0001	0.00007
32.5001	6145.293	32.5000	-0.00005

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

