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SENSOR SERIAL NUMBER: 1701
CALIBRATION DATE: 01-Feb-18

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.79040424e-003
h = 6.54030775e-004
i = 1.85923963e-005
j = 1.02804148e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	5911.359	-1.5000	0.00004
1.0000	6253.282	0.9999	-0.00009
4.5000	6755.510	4.5001	0.00005
8.0000	7285.817	8.0000	0.00001
11.5000	7844.994	11.5000	0.00002
15.0000	8433.786	15.0001	0.00009
18.5000	9052.855	18.4999	-0.00012
22.0001	9702.999	21.9999	-0.00016
25.5000	10384.881	25.5001	0.00014
29.0001	11099.114	29.0002	0.00011
32.5001	11846.298	32.5000	-0.00009

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

