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SENSOR SERIAL NUMBER: 1701
CALIBRATION DATE: 14-Feb-18

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.79040282e-003
h = 6.54034017e-004
i = 1.85989648e-005
j = 1.02956047e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	5911.407	-1.5000	0.00002
1.0000	6253.343	0.9999	-0.00006
4.5001	6755.585	4.5001	0.00002
8.0001	7285.907	8.0001	0.00000
11.5000	7845.089	11.5001	0.00007
15.0001	8433.895	15.0002	0.00006
18.5001	9052.973	18.4999	-0.00017
22.0000	9703.120	21.9999	-0.00006
25.5001	10385.019	25.5002	0.00006
29.0000	11099.245	29.0001	0.00014
32.5000	11846.433	32.4999	-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

