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SENSOR SERIAL NUMBER: 1609
CALIBRATION DATE: 27-Jan-18

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.86646142e-003
h = 6.80593860e-004
i = 2.64834859e-005
j = 2.06266008e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	6399.316	-1.4998	0.00018
1.0000	6765.773	0.9999	-0.00011
4.5001	7303.862	4.4998	-0.00031
8.0000	7871.887	7.9999	-0.00006
11.5000	8470.605	11.5002	0.00022
15.0000	9100.748	15.0005	0.00050
18.5000	9762.846	18.4998	-0.00023
22.0000	10457.933	21.9998	-0.00019
25.5001	11186.570	25.5000	-0.00010
29.0001	11949.351	29.0001	-0.00000
32.5000	12746.891	32.5001	0.00010

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

