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SENSOR SERIAL NUMBER: 5773
CALIBRATION DATE: 29-Dec-18

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.35217387e-003
h = 6.29694163e-004
i = 1.98090911e-005
j = 1.46770779e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	3005.782	-1.5000	-0.00002
1.0000	3181.586	1.0000	0.00002
4.5000	3440.099	4.5000	0.00003
8.0000	3713.455	8.0000	-0.00003
11.5000	4002.096	11.5000	0.00002
15.0000	4306.425	15.0000	-0.00002
18.5000	4626.861	18.5000	-0.00003
22.0000	4963.805	22.0000	-0.00002
25.5000	5317.648	25.5000	0.00004
29.0000	5688.758	29.0000	0.00005
32.5000	6077.495	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

