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SENSOR SERIAL NUMBER: 6177
CALIBRATION DATE: 07-Jun-18

SBE 3 TEMPERATURE CALIBRATION DATA ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.35442114e-003
h = 6.37873573e-004
i = 2.25605265e-005
j = 2.14245060e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	2984.071	-1.5000	-0.00002
1.0000	3157.166	1.0000	0.00003
4.5000	3411.566	4.5000	0.00002
8.0000	3680.417	8.0000	-0.00001
11.5000	3964.116	11.5000	-0.00004
15.0000	4263.056	15.0000	0.00002
18.5000	4577.597	18.5000	-0.00000
22.0000	4908.112	22.0000	0.00002
25.5000	5254.942	25.5000	-0.00000
29.0000	5618.429	29.0000	-0.00000
32.5000	5998.894	32.5000	-0.00000

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

