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SENSOR SERIAL NUMBER: 5233
CALIBRATION DATE: 06-Jun-17

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.40255706e-003
h = 6.80243856e-004
i = 2.83964370e-005
j = 2.10945225e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	3026.512	-1.5000	0.00003
1.0000	3193.795	1.0000	-0.00001
4.5001	3439.139	4.5000	-0.00007
8.0000	3697.808	8.0000	-0.00000
11.5000	3970.171	11.5000	0.00002
15.0000	4256.579	15.0001	0.00008
18.5000	4557.359	18.5000	-0.00002
22.0000	4872.868	22.0000	0.00000
25.5000	5203.416	25.5000	-0.00003
29.0000	5549.323	28.9999	-0.00006
32.5001	5910.918	32.5001	0.00005

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

