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SENSOR SERIAL NUMBER: 5855
CALIBRATION DATE: 09-May-17

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.35378275e-003
h = 6.30508203e-004
i = 1.96505989e-005
j = 1.38966515e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	3008.951	-1.5001	-0.00009
1.0000	3184.693	1.0001	0.00009
4.5000	3443.077	4.5001	0.00008
8.0000	3716.272	8.0000	-0.00002
11.5000	4004.716	11.4999	-0.00006
15.0000	4308.832	15.0000	-0.00003
18.5001	4629.023	18.5000	-0.00009
22.0000	4965.690	22.0000	0.00005
25.5000	5319.223	25.5001	0.00009
29.0000	5689.994	29.0001	0.00006
32.5000	6078.364	32.4999	-0.00008

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

