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SENSOR SERIAL NUMBER: 2958
CALIBRATION DATE: 01-Feb-20

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.39478349e-003
h = 6.72866688e-004
i = 2.99409834e-005
j = 2.75983751e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	3033.428	-1.4999	0.00008
1.0000	3203.457	0.9999	-0.00009
4.5000	3453.052	4.4999	-0.00005
8.0000	3716.454	8.0000	0.00004
11.5000	3994.025	11.5000	0.00002
15.0000	4286.137	15.0000	0.00002
18.5000	4593.145	18.5001	0.00006
22.0000	4915.382	22.0000	0.00003
25.5000	5253.161	25.4998	-0.00021
29.0000	5606.876	29.0001	0.00009
32.5001	5976.750	32.5001	0.00002

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

