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SENSOR SERIAL NUMBER: 2958
CALIBRATION DATE: 12-May-17

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.39467792e-003
h = 6.72657729e-004
i = 2.98130804e-005
j = 2.73385697e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	3033.455	-1.4998	0.00016
1.0000	3203.482	0.9999	-0.00014
4.5001	3453.082	4.4999	-0.00023
8.0000	3716.498	8.0000	0.00005
11.5000	3994.084	11.5001	0.00014
15.0000	4286.207	15.0002	0.00020
18.5000	4593.199	18.5000	-0.00000
22.0000	4915.434	21.9999	-0.00009
25.5000	5253.233	25.4998	-0.00017
29.0000	5606.937	29.0000	-0.00002
32.5000	5976.826	32.5001	0.00010

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

