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SENSOR SERIAL NUMBER: 5889
CALIBRATION DATE: 05-Oct-19

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.35724687e-003
h = 6.28665467e-004
i = 1.94872517e-005
j = 1.39097171e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	3036.044	-1.5001	-0.00005
1.0000	3213.899	1.0000	0.00005
4.5000	3475.445	4.5001	0.00006
8.0000	3752.037	8.0000	-0.00000
11.5000	4044.119	11.5000	-0.00004
15.0000	4352.125	15.0000	0.00000
18.5000	4676.453	18.4999	-0.00009
22.0000	5017.544	22.0000	0.00001
25.5000	5375.776	25.5001	0.00009
29.0000	5751.526	29.0001	0.00005
32.5000	6145.171	32.4999	-0.00007

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

