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SENSOR SERIAL NUMBER: 5889
CALIBRATION DATE: 02-Dec-20

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.35763397e-003
h = 6.29428109e-004
i = 1.99795586e-005
j = 1.49642128e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.4477	3039.711	-1.4477	0.00005
1.0000	3213.889	0.9999	-0.00009
4.5000	3475.425	4.5000	0.00002
8.0000	3752.011	8.0000	0.00002
11.5000	4044.088	11.5000	0.00000
15.0000	4352.091	15.0001	0.00005
18.5000	4676.417	18.4999	-0.00005
22.0000	5017.500	22.0000	-0.00002
25.5000	5375.725	25.5000	0.00002
29.0000	5751.471	29.0000	0.00001
32.5000	6145.116	32.5000	-0.00000

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

