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SENSOR SERIAL NUMBER: 1075
CALIBRATION DATE: 13-May-22

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.86368051e-003
h = 6.81107263e-004
i = 2.61159267e-005
j = 1.89640018e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	6357.710	-1.5000	0.00004
1.0000	6721.614	1.0000	-0.00002
4.5000	7255.971	4.4999	-0.00007
8.0000	7820.107	8.0000	-0.00003
11.5000	8414.808	11.5001	0.00006
15.0000	9040.825	15.0001	0.00010
18.5000	9698.875	18.5000	-0.00005
22.0000	10389.750	22.0000	-0.00001
25.5000	11114.093	25.4999	-0.00005
29.0000	11872.610	29.0000	-0.00002
32.5000	12665.930	32.5000	0.00004

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

