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SENSOR SERIAL NUMBER: 4695  
CALIBRATION DATE: 17-Jan-24

SBE 3 TEMPERATURE CALIBRATION DATA  
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.39681191e-003  
h = 6.43587395e-004  
i = 2.14764500e-005  
j = 1.75272873e-006  
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	3164.592	-1.4999	0.00006
1.0000	3346.615	1.0000	-0.00005
4.5000	3613.988	4.4999	-0.00009
8.0000	3896.368	8.0000	-0.00001
11.5000	4194.151	11.5001	0.00006
15.0000	4507.735	15.0001	0.00013
18.5000	4837.481	18.5000	-0.00004
22.0000	5183.801	22.0000	-0.00003
25.5001	5547.046	25.5000	-0.00007
29.0001	5927.562	29.0001	0.00000
32.5001	6325.678	32.5001	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

