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SENSOR SERIAL NUMBER: 0696
CALIBRATION DATE: 03-Jun-23

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.84814212e-003
h = 6.91404446e-004
i = 3.41919759e-005
j = 3.30110219e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	6191.831	-1.4998	0.00017
1.0000	6548.849	0.9999	-0.00014
4.5000	7073.462	4.4998	-0.00017
8.0000	7627.655	7.9999	-0.00008
11.5000	8212.180	11.5001	0.00009
15.0000	8827.740	15.0002	0.00018
18.5000	9475.030	18.5002	0.00021
22.0000	10154.686	22.0000	0.00003
25.5000	10867.351	25.4997	-0.00025
29.0000	11613.682	28.9996	-0.00035
32.5000	12394.378	32.5003	0.00032

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

