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SENSOR SERIAL NUMBER: 6906
CALIBRATION DATE: 06-Mar-24

SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.35383386e-003
h = 6.40073525e-004
i = 2.21647391e-005
j = 2.05987878e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	2967.395	-1.5000	0.00001
1.0000	3138.645	1.0000	-0.00001
4.5000	3390.246	4.5000	0.00001
8.0000	3656.019	8.0000	-0.00003
11.5000	3936.359	11.5000	0.00001
15.0000	4231.626	15.0000	0.00001
18.5000	4542.187	18.5000	0.00002
22.0000	4868.386	22.0000	0.00000
25.5000	5210.561	25.5000	-0.00003
29.0000	5569.043	29.0000	-0.00000
32.5000	5944.135	32.5000	0.00001

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

