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SENSOR SERIAL NUMBER: 6040  
 CALIBRATION DATE: 03-Feb-23

SBE 3 TEMPERATURE CALIBRATION DATA  
 ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.33871300e-003  
 h = 6.28095561e-004  
 i = 1.86041309e-005  
 j = 1.15176678e-006  
 f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	2941.746	-1.5001	-0.00010
1.0000	3113.652	1.0001	0.00011
4.5000	3366.394	4.5001	0.00008
8.0000	3633.631	8.0000	-0.00000
11.5000	3915.790	11.4999	-0.00006
15.0000	4213.287	14.9999	-0.00009
18.5000	4526.530	18.4999	-0.00007
22.0000	4855.927	22.0001	0.00008
25.5000	5201.842	25.5001	0.00011
29.0000	5564.652	29.0000	0.00001
32.4999	5944.729	32.4998	-0.00006

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

