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SENSOR SERIAL NUMBER: 5485
 CALIBRATION DATE: 13-Jul-20

SBE 3 TEMPERATURE CALIBRATION DATA
 ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

g = 4.32858915e-003
 h = 6.27755335e-004
 i = 1.95670713e-005
 j = 1.44079484e-006
 f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	2897.281	-1.5000	-0.00005
1.0000	3066.864	1.0000	0.00004
4.5000	3316.236	4.5000	0.00004
8.0000	3579.947	8.0000	0.00002
11.5000	3858.411	11.5000	-0.00003
15.0000	4152.044	15.0000	0.00000
18.5000	4461.226	18.4999	-0.00009
22.0000	4786.368	22.0000	-0.00004
25.5000	5127.844	25.5001	0.00009
29.0000	5486.002	29.0001	0.00010
32.5000	5861.187	32.4999	-0.00009

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

