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SENSOR SERIAL NUMBER: 1433 CALIBRATION DATE: 08-May-24 SBE 39 TEMPERATURE CALIBRATION DATA ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

a0 = 1.266391e-005 a1 = 2.817895e-004 a2 = -3.094127e-006 a3 = 1.679942e-007

BATH TEMP	INSTRUMENT	INST TEMP	RESIDUAL
(° C)	OUTPUT (counts)	(° C)	(° C)
-1.5000	767993.8	-1.5000	0.0000
1.0000	684061.6	1.0000	-0.0000
4.5000	583457.3	4.4999	-0.0001
8.0000	499312.2	8.0001	0.0001
11.5000	428699.6	11.5001	0.0001
15.0000	369241.4	15.0000	-0.0000
18.5000	319009.0	18.4998	-0.0002
22.0000	276430.8	22.0001	0.0001
25.5000	240234.8	25.5001	0.0001
29.0000	209370.1	29.0000	-0.0000
32.5000	182972.5	32.5000	-0.0000

n = Instrument Output (counts)

Temperature ITS-90 (°C) = $1/\{a0 + a1[ln(n)] + a2[ln^2(n)] + a3[ln^3(n)]\}$ - 273.15

Residual (${}^{\circ}C$) = instrument temperature - bath temperature

