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SENSOR SERIAL NUMBER: 7818
CALIBRATION DATE: 04-Nov-22

SBE 19plus V2 CONDUCTIVITY CALIBRATION DATA
PSS 1978: C(35,15,0) = 4.2914 Siemens/meter

COEFFICIENTS:

g = -1.000383e+000
h = 1.293880e-001
i = -1.225063e-004
j = 2.677585e-005

CPcor = -9.5700e-008
CTcor = 3.2500e-006

BATH TEMP (° C)	BATH SAL (PSU)	BATH COND (S/m)	INSTRUMENT OUTPUT (Hz)	INSTRUMENT COND (S/m)	RESIDUAL (S/m)
22.0000	0.0000	0.00000	2782.02	0.0000	0.00000
1.0000	34.7088	2.96765	5534.82	2.9677	0.00002
4.5000	34.6901	3.27399	5743.67	3.2740	-0.00002
15.0000	34.6498	4.25334	6364.79	4.2533	-0.00000
18.5000	34.6416	4.59769	6568.93	4.5977	-0.00001
24.0000	34.6324	5.15429	6885.83	5.1543	0.00001
29.0000	34.6264	5.67471	7169.11	5.6747	0.00001
32.5000	34.6210	6.04577	7364.23	6.0458	-0.00001

f = Instrument Output (Hz) / 1000.0

t = temperature (°C); p = pressure (decibars); δ = CTcor; ϵ = CPcor;

Conductivity (S/m) = $(g + h * f^2 + i * f^3 + j * f^4) / (1 + \delta * t + \epsilon * p)$

Residual (Siemens/meter) = instrument conductivity - bath conductivity

