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SENSOR SERIAL NUMBER: 6244  
 CALIBRATION DATE: 26-Jan-23

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

COEFFICIENTS:

g = -1.003593e+000      CPcor = -9.5700e-008  
 h = 1.582657e-001      CTcor = 3.2500e-006  
 i = -2.257219e-004  
 j = 4.221891e-005

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	2520.57	0.0000	0.00000
1.0000	34.8573	2.97914	5017.57	2.9791	0.00000
4.4999	34.8371	3.28648	5206.95	3.2865	-0.00000
15.0000	34.7938	4.26915	5770.20	4.2691	-0.00001
18.4999	34.7843	4.61457	5955.31	4.6146	0.00000
24.0000	34.7739	5.17302	6242.70	5.1730	0.00001
29.0000	34.7685	5.69537	6499.71	5.6954	0.00000
32.5000	34.7626	6.06768	6676.69	6.0677	-0.00001

f = Instrument Output (Hz) / 1000.0

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

Conductivity (S/m) = (g + h \* f<sup>2</sup> + i \* f<sup>3</sup> + j \* f<sup>4</sup>) / (1 + δ \* t + ε \* p)

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

