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SENSOR SERIAL NUMBER: 7818
CALIBRATION DATE: 15-Jan-19

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

COEFFICIENTS:

g = -1.000398e+000
h = 1.293656e-001
i = -1.080939e-004
j = 2.497436e-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	2782.00	0.0000	0.00000
1.0000	34.8101	2.97549	5540.21	2.9755	-0.00000
4.4999	34.7895	3.28244	5749.32	3.2824	0.00000
15.0000	34.7445	4.26374	6371.15	4.2637	0.00000
18.5000	34.7336	4.60858	6575.43	4.6086	-0.00001
23.9999	34.7217	5.16610	6892.62	5.1661	0.00001
29.0000	34.7148	5.68756	7176.28	5.6876	-0.00000
32.5001	34.7093	6.05945	7371.70	6.0594	-0.00006

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

