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SENSOR SERIAL NUMBER: 8228
CALIBRATION DATE: 23-Oct-22

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

COEFFICIENTS:

g = -1.014354e+000
h = 1.556709e-001
i = -2.518621e-004
j = 4.462846e-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	2555.54	0.0000	0.00000
1.0000	34.6462	2.96281	5056.70	2.9628	-0.00001
4.5000	34.6256	3.26850	5246.82	3.2685	0.00002
15.0000	34.5810	4.24579	5812.23	4.2458	0.00001
18.5000	34.5713	4.58936	5998.08	4.5893	-0.00002
23.9999	34.5602	5.14471	6286.61	5.1447	0.00000
29.0000	34.5530	5.66403	6544.59	5.6640	0.00000
32.5001	34.5485	6.03456	6722.34	6.0344	-0.00018

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

