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SENSOR SERIAL NUMBER: 4426
CALIBRATION DATE: 19-May-22

SBE 16plus CONDUCTIVITY CALIBRATION DATA
PSS 1978: C(35,15,0) = 4.2914 Siemens/meter

COEFFICIENTS:

g = -1.029808e+000
h = 1.451231e-001
i = -2.915492e-004
j = 4.304799e-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	2668.19	0.0000	0.00000
1.0000	34.6774	2.96522	5253.00	2.9652	0.00000
4.5000	34.6581	3.27127	5449.88	3.2713	-0.00001
15.0000	34.6168	4.24972	6035.66	4.2497	0.00001
18.5000	34.6080	4.59371	6228.23	4.5937	0.00000
23.9999	34.5987	5.14981	6527.24	5.1498	-0.00001
28.9999	34.5929	5.66982	6794.62	5.6698	0.00000
32.5001	34.5879	6.04066	6978.90	6.0408	0.00015

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

