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SENSOR SERIAL NUMBER: 4955
CALIBRATION DATE: 08-Dec-22

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

COEFFICIENTS:

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g = -1.003553e+000
h =  1.397615e-001
i = -4.702732e-004
j =  5.517429e-005

CPcor = -9.5700e-008
CTcor =  3.2500e-006
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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	2687.97	0.0000	0.00000
1.0000	34.6195	2.96074	5343.81	2.9607	0.00000
4.5000	34.5992	3.26625	5545.40	3.2662	-0.00001
15.0000	34.5563	4.24308	6144.86	4.2431	0.00000
18.5000	34.5473	4.58652	6341.84	4.5865	0.00000
24.0000	34.5372	5.14168	6647.54	5.1417	-0.00001
29.0000	34.5297	5.66064	6920.71	5.6606	0.00001
32.5001	34.5221	6.03047	7108.72	6.0305	-0.00000

f = Instrument Output (Hz) / 1000.0

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

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

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