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SENSOR SERIAL NUMBER: 6353
CALIBRATION DATE: 18-Dec-21

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

COEFFICIENTS:

g = -1.011825e+000
h = 1.502838e-001
i = -1.962041e-004
j = 3.875715e-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	2596.90	0.0000	0.00000
1.0000	34.6887	2.96610	5144.58	2.9661	0.00002
4.4999	34.6681	3.27211	5338.07	3.2721	-0.00001
15.0000	34.6266	4.25080	5913.86	4.2508	-0.00002
18.5000	34.6174	4.59482	6103.11	4.5948	0.00000
24.0000	34.6071	5.15094	6396.89	5.1510	0.00002
29.0000	34.6002	5.67089	6659.52	5.6709	-0.00000
32.5000	34.5949	6.04173	6840.49	6.0417	-0.00001

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

