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SENSOR SERIAL NUMBER: 4287
CALIBRATION DATE: 02-Apr-23

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

COEFFICIENTS:

g = -1.049228e+000
h = 1.502425e-001
i = -4.311576e-004
j = 5.388143e-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	2649.39	0.0000	0.00000
1.0000	34.6801	2.96543	5182.85	2.9654	-0.00001
4.5000	34.6602	3.27144	5376.31	3.2714	0.00000
15.0000	34.6181	4.24986	5952.04	4.2499	0.00002
18.5000	34.6093	4.59386	6141.38	4.5939	0.00003
24.0000	34.5995	5.14993	6435.31	5.1499	-0.00004
28.9999	34.5927	5.66979	6698.14	5.6698	-0.00003
32.5000	34.5857	6.04031	6879.16	6.0403	0.00003

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

