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SENSOR SERIAL NUMBER: 4287
CALIBRATION DATE: 06-Apr-23

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

COEFFICIENTS:

g = -1.043695e+000
h = 1.494669e-001
i = -4.374267e-004
j = 5.444697e-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
0.9999	34.3478	2.93970	5176.39	2.9397	-0.00001
4.5000	34.3284	3.24319	5369.52	3.2432	0.00001
15.0000	34.2873	4.21352	5944.28	4.2135	0.00001
18.5000	34.2787	4.55468	6133.29	4.5547	0.00000
24.0000	34.2686	5.10608	6426.72	5.1061	-0.00000
29.0000	34.2604	5.62142	6688.99	5.6214	-0.00002
32.5000	34.2520	5.98861	6869.58	5.9886	0.00002

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

