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SENSOR SERIAL NUMBER: 4424
CALIBRATION DATE: 31-Mar-23

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

COEFFICIENTS:

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g = -1.018060e+000
h =  1.380448e-001
i = -3.240279e-004
j =  4.451202e-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	2721.11	0.0000	0.00000
1.0000	34.5600	2.95614	5374.47	2.9562	0.00004
4.5000	34.5405	3.26126	5576.26	3.2612	-0.00006
15.0000	34.4978	4.23665	6176.62	4.2367	0.00001
18.4999	34.4890	4.57960	6373.95	4.5796	0.00001
24.0000	34.4792	5.13399	6680.28	5.1340	-0.00000
29.0000	34.4730	5.65238	6954.14	5.6524	0.00000
32.5000	34.4676	6.02202	7142.77	6.0220	-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