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SENSOR SERIAL NUMBER: 4426
CALIBRATION DATE: 24-May-22

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

COEFFICIENTS:

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g = -1.025071e+000
h =  1.442485e-001
i = -1.928421e-004
j =  3.553160e-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	2668.18	0.0000	0.00000
1.0000	34.6172	2.96056	5257.05	2.9606	0.00001
4.5000	34.5969	3.26606	5454.11	3.2660	-0.00002
15.0000	34.5552	4.24296	6040.59	4.2430	0.00002
18.5000	34.5462	4.58639	6233.39	4.5864	0.00001
24.0000	34.5363	5.14156	6532.74	5.1415	-0.00003
29.0000	34.5292	5.66056	6800.40	5.6606	0.00001
32.5000	34.5242	6.03079	6984.91	6.0309	0.00010

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