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SENSOR SERIAL NUMBER: 4424  
CALIBRATION DATE: 25-Jun-19

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

COEFFICIENTS:

g = -1.016791e+000  
h = 1.378200e-001  
i = -3.092782e-004  
j = 4.645098e-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	2721.11	0.0000	0.00000
1.0000	34.7741	2.97270	5386.47	2.9727	-0.00002
4.4999	34.7548	3.27948	5588.96	3.2795	0.00002
15.0000	34.7144	4.26043	6191.09	4.2604	0.00000
18.5000	34.7069	4.60542	6389.01	4.6054	-0.00000
24.0000	34.6989	5.16309	6696.21	5.1631	-0.00001
29.0000	34.6934	5.68445	6970.75	5.6845	0.00001
32.5000	34.6877	6.05610	7159.66	6.0559	-0.00022

f = Instrument Output (Hz) / 1000.0

t = temperature (°C); p = pressure (decibars);  $\delta$  = CTcor;  $\epsilon$  = 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

