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SENSOR SERIAL NUMBER: 4607
CALIBRATION DATE: 03-Jun-22

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

COEFFICIENTS:

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g = -1.026035e+000
h =  1.330077e-001
i = -3.699438e-004
j =  4.511880e-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	2784.56	0.0000	0.00000
1.0000	34.7638	2.97190	5496.39	2.9719	-0.00000
4.5000	34.7443	3.27860	5702.74	3.2786	0.00000
15.0000	34.7033	4.25922	6316.57	4.2592	0.00001
18.5000	34.6951	4.60402	6518.35	4.6040	0.00001
24.0000	34.6868	5.16149	6831.61	5.1615	-0.00002
29.0000	34.6829	5.68292	7111.76	5.6829	0.00000
32.5000	34.6805	6.05498	7304.85	6.0550	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