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SENSOR SERIAL NUMBER: 4607
CALIBRATION DATE: 10-Mar-18

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

COEFFICIENTS:

g = -1.025361e+000
h = 1.327366e-001
i = -2.821495e-004
j = 3.805390e-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	2784.50	0.0000	0.00000
1.0000	34.7462	2.97054	5495.02	2.9705	-0.00001
4.5000	34.7265	3.27709	5701.30	3.2771	0.00001
15.0000	34.6848	4.25719	6314.92	4.2572	0.00001
18.5000	34.6759	4.60175	6516.63	4.6018	0.00001
24.0000	34.6661	5.15875	6829.75	5.1587	-0.00003
28.9999	34.6600	5.67958	7109.76	5.6796	0.00001
32.5000	34.6549	6.05102	7302.65	6.0510	0.00000

f = Instrument Output (Hz) / 1000.0

t = temperature (°C); p = pressure (decibars); δ = CTcor; ϵ = CPcor;

Conductivity (S/m) = $(g + h * f^2 + i * f^3 + j * f^4) / (1 + \delta * t + \epsilon * p)$

Residual (Siemens/meter) = instrument conductivity - bath conductivity

