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SENSOR SERIAL NUMBER: 7297
CALIBRATION DATE: 27-Jun-17

SBE 16plus V2 CONDUCTIVITY CALIBRATION DATA
PSS 1978: C(35,15,0) = 4.2914 Siemens/meter

COEFFICIENTS:

g = -9.795078e-001
h = 1.293524e-001
i = -3.352169e-004
j = 3.992797e-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	2758.43	0.0000	0.00000
1.0000	34.7321	2.96945	5538.84	2.9695	0.00001
4.5000	34.7129	3.27593	5749.22	3.2759	-0.00001
15.0000	34.6712	4.25569	6374.61	4.2557	0.00001
18.5000	34.6627	4.60019	6580.07	4.6002	-0.00002
24.0000	34.6532	5.15704	6898.95	5.1571	0.00002
28.9999	34.6475	5.67776	7183.93	5.6778	-0.00001
32.5000	34.6429	6.04916	7380.27	6.0492	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

