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SENSOR SERIAL NUMBER: 7021
CALIBRATION DATE: 21-Dec-17

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

COEFFICIENTS:

g = -9.816505e-001
h = 1.208698e-001
i = -3.081204e-004
j = 3.596045e-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	2856.78	0.0000	0.00000
1.0000	34.8754	2.98053	5739.33	2.9805	0.00001
4.5000	34.8557	3.28807	5957.31	3.2881	-0.00001
15.0000	34.8138	4.27134	6605.29	4.2713	-0.00001
18.5000	34.8047	4.61700	6818.14	4.6170	0.00001
23.9999	34.7946	5.17574	7148.43	5.1757	0.00001
29.0000	34.7877	5.69816	7443.58	5.6982	-0.00001
32.5000	34.7816	6.07062	7646.82	6.0706	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

