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SENSOR SERIAL NUMBER: 4285
CALIBRATION DATE: 13-Mar-18

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

COEFFICIENTS:

g = -1.058222e+000
h = 1.541630e-001
i = -4.043655e-004
j = 5.214123e-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	2625.97	0.0000	0.00000
0.9999	34.8743	2.98044	5130.02	2.9804	-0.00002
4.5000	34.8543	3.28796	5321.34	3.2880	0.00003
15.0000	34.8122	4.27116	5890.68	4.2712	0.00000
18.5000	34.8032	4.61682	6077.92	4.6168	0.00000
24.0000	34.7931	5.17556	6368.67	5.1755	-0.00002
29.0000	34.7866	5.69800	6628.70	5.6980	0.00001
32.5000	34.7814	6.07059	6807.92	6.0707	0.00007

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

