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SENSOR SERIAL NUMBER: 6629
CALIBRATION DATE: 28-Apr-19

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

COEFFICIENTS:

g = -1.051476e+000
h = 1.460576e-001
i = -2.040133e-004
j = 3.452323e-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	2685.85	0.0000	0.00000
1.0000	34.8025	2.97490	5252.57	2.9749	-0.00001
4.5000	34.7828	3.28187	5448.56	3.2819	0.00002
15.0000	34.7405	4.26330	6031.85	4.2633	-0.00001
18.5000	34.7308	4.60825	6223.66	4.6082	-0.00000
24.0000	34.7187	5.16571	6521.46	5.1657	0.00001
29.0000	34.7065	5.68636	6787.49	5.6864	-0.00000
32.5000	34.6925	6.05684	6970.43	6.0568	-0.00006

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

