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SENSOR SERIAL NUMBER: 0369
CALIBRATION DATE: 28-Feb-18

SBE 4 CONDUCTIVITY CALIBRATION DATA
PSS 1978: C(35,15,0) = 4.2914 Siemens/meter

COEFFICIENTS:

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g =  -4.28651359e+000
h =   5.37915215e-001
i =  -2.49255348e-003
j =   1.65568842e-004

CPcor = -9.5700e-008 (nominal)
CTcor =  3.2500e-006 (nominal)
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BATH TEMP (° C)	BATH SAL (PSU)	BATH COND (S/m)	INSTRUMENT OUTPUT (kHz)	INSTRUMENT COND (S/m)	RESIDUAL (S/m)
0.0000	0.0000	0.00000	2.83808	0.00000	0.00000
-1.0000	34.6669	2.79366	7.80802	2.79365	-0.00001
1.0000	34.6667	2.96439	8.01205	2.96440	0.00001
15.0000	34.6661	4.25513	9.40870	4.25511	-0.00002
18.5000	34.6643	4.60038	9.74728	4.60040	0.00002
29.0000	34.6557	5.67897	10.73298	5.67896	-0.00000
32.5000	34.6394	6.04862	11.04940	6.04862	0.00000

f = Instrument Output (kHz)

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

Conductivity (S/m) = $(g + h * f^2 + i * f^3 + j * f^4) / 10 (1 + \delta * t + \varepsilon * p)$

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