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SENSOR SERIAL NUMBER: 3461
CALIBRATION DATE: 12-Dec-18

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

COEFFICIENTS:

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g =  -1.00417448e+001
h =   1.54557506e+000
i =  -2.45134692e-003
j =   2.76679565e-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	2.55262	0.00000	0.00000
-1.0000	34.6346	2.79130	4.96409	2.79129	-0.00001
1.0000	34.6349	2.96193	5.07442	2.96194	0.00001
15.0000	34.6345	4.25166	5.84078	4.25166	-0.00001
18.5000	34.6328	4.59665	6.02916	4.59666	0.00002
29.0000	34.6274	5.67485	6.58281	5.67483	-0.00002
32.5000	34.6173	6.04520	6.76243	6.04522	0.00001

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