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SENSOR SERIAL NUMBER: 0334
CALIBRATION DATE: 28-Feb-19

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

COEFFICIENTS:

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g =  -4.22626406e+000
h =   4.71314188e-001
i =  -3.88416944e-004
j =   4.32547196e-005

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	2.99696	0.00000	0.00000
-1.0000	34.5538	2.78539	8.25244	2.78539	0.00000
0.9999	34.5537	2.95564	8.46796	2.95564	0.00001
15.0000	34.5513	4.24253	9.94478	4.24251	-0.00002
18.4999	34.5487	4.58667	10.30324	4.58668	0.00001
29.0000	34.5387	5.66195	11.34866	5.66197	0.00003
32.5000	34.5227	6.03055	11.68486	6.03054	-0.00002

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