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SENSOR SERIAL NUMBER: 0304
CALIBRATION DATE: 01-Mar-19

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

COEFFICIENTS:

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g =  -4.08185796e+000
h =   4.33864477e-001
i =  -7.97594553e-004
j =   5.84927249e-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	3.07400	0.00000	0.00000
-1.0000	34.5255	2.78332	8.60188	2.78335	0.00002
0.9999	34.5253	2.95344	8.82762	2.95343	-0.00001
15.0000	34.5225	4.23937	10.37375	4.23932	-0.00004
18.4999	34.5198	4.58325	10.74876	4.58326	0.00001
29.0000	34.5116	5.65800	11.84200	5.65807	0.00007
32.4999	34.4968	6.02653	12.19335	6.02649	-0.00005

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