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SENSOR SERIAL NUMBER: 2186
CALIBRATION DATE: 27-Oct-17

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

COEFFICIENTS:

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g =  -1.02643384e+001
h =   1.36666445e+000
i =  -2.31869612e-003
j =   2.12954027e-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	2.74532	0.00000	0.00000
-1.0001	34.4702	2.77927	5.28919	2.77924	-0.00003
0.9999	34.4703	2.94918	5.40603	2.94921	0.00003
14.9999	34.4710	4.23370	6.21815	4.23371	0.00001
18.4999	34.4702	4.57737	6.41792	4.57737	-0.00000
29.0000	34.4643	5.65112	7.00514	5.65110	-0.00002
32.5000	34.4523	6.01965	7.19555	6.01966	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