Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 1018
CALIBRATION DATE: 09-Jul-14

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

COEFFICIENTS:

```
g =  -4.09051163e+000
h =   4.63014487e-001
i =  -4.86173648e-004
j =   4.89346040e-005

CPcor = -9.5700e-008 (nominal)
CTcor =  3.2500e-006 (nominal)
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BATH TEMP (ITS-90)	BATH SAL (PSU)	BATH COND (Siemens/m)	INST FREQ (kHz)	INST COND (Siemens/m)	RESIDUAL (Siemens/m)
0.0000	0.0000	0.00000	2.97555	0.00000	0.00000
-1.0000	34.7531	2.79996	8.33099	2.79999	0.00003
0.9999	34.7536	2.97111	8.54955	2.97109	-0.00001
15.0000	34.7542	4.26480	10.04661	4.26470	-0.00010
18.5000	34.7537	4.61096	10.41015	4.61103	0.00007
29.0000	34.7541	5.69328	11.47012	5.69333	0.00006
32.5000	34.7494	6.06564	11.81202	6.06560	-0.00005

f = INST FREQ / 1000.0

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

t = temperatur e[°C)]; p = pressure[decibars]; δ = CTcor; ε = CPcor;

Residual = instrument conductivity - bath conductivity