Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 0369
CALIBRATION DATE: 06-May-15

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

COEFFICIENTS:

```
g =  -4.28668149e+000
h =   5.38004803e-001
i =  -2.50705323e-003
j =   1.66203771e-004

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	2.83799	0.00000	0.00000
-1.0000	34.7310	2.79834	7.81360	2.79834	-0.00000
1.0000	34.7311	2.96938	8.01783	2.96938	0.00000
15.0000	34.7311	4.26227	9.41576	4.26225	-0.00002
18.5000	34.7300	4.60815	9.75471	4.60818	0.00003
29.0000	34.7288	5.68960	10.74214	5.68957	-0.00003
32.5000	34.7250	6.06187	11.06051	6.06188	0.00002

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