Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 4607
CALIBRATION DATE: 09-May-12

SBE16plus CONDUCTIVITY CALIBRATION DATA
PSS 1978: C(35,15,0) = 4.2914 Siemens/meter

COEFFICIENTS:

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g = -1.025399e+000
h =  1.327893e-001
i = -3.054457e-004
j =  3.997863e-005

CPcor = -9.5700e-008
CTcor =  3.2500e-006
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BATH TEMP (ITS-90)	BATH SAL (PSU)	BATH COND (Siemens/m)	INST FREQ (Hz)	INST COND (Siemens/m)	RESIDUAL (Siemens/m)
22.0000	0.0000	0.00000	2784.52	0.0000	0.00000
1.0000	34.9832	2.98887	5507.97	2.9889	0.00000
4.5000	34.9630	3.29720	5714.96	3.2972	-0.00001
15.0000	34.9197	4.28295	6330.68	4.2830	0.00002
18.5000	34.9101	4.62947	6533.00	4.6294	-0.00002
24.0000	34.8993	5.18960	6847.13	5.1896	-0.00000
29.0000	34.8922	5.71335	7127.95	5.7134	0.00001
32.5000	34.8874	6.08698	7321.47	6.0870	-0.00000

f = INST FREQ / 1000.0

Conductivity = $(g + hf^2 + if^3 + jf^4) / (1 + \delta t + \varepsilon p)$ Siemens/meter

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

Residual = instrument conductivity - bath conductivity