Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 6627 CALIBRATION DATE: 11-Jan-12

SBE16plus CONDUCTIVITY CALIBRATION DATA

PSS 1978: C(35,15,0) = 4.2914 Siemens/meter

COEFFICIENTS:

g = -1.035047e + 000CPcor = -9.5700e - 008h = 1.375973e-001CTcor = 3.2500e-006i = -2.443103e-004

j = 3.588916e-005

BATH TEMP (ITS-90)	BATH SAL (PSU)	BATH COND (Siemens/m)	INST FREO (Hz)	INST COND (Siemens/m)	RESIDUAL (Siemens/m)
22.0000	0.0000	0.00000	2746.68	0.0000	0.00000
0.9999	34.9054	2.98284	5409.08	2.9828	-0.00000
4.5000	34.8848	3.29055	5611.78	3.2906	0.00000
15.0000	34.8410	4.27432	6214.89	4.2743	-0.00000
18.5000	34.8312	4.62013	6413.16	4.6201	0.00000
24.0000	34.8197	5.17908	6720.96	5.1791	-0.00001
29.0000	34.8114	5.70161	6996.16	5.7016	0.00001
32.5001	34.8026	6.07388	7185.60	6.0739	-0.00000

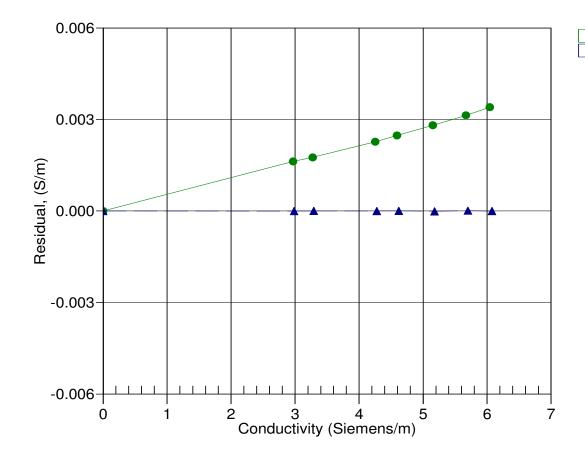
f = INST FREQ / 1000.0

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

 $t = temperature[^{\circ}C)$; p = pressure[decibars]; $\delta = CTcor$; $\varepsilon = CPcor$;

Residual = instrument conductivity - bath conductivity

Date, Slope Correction



24-Aug-10 0.9994523 11-Jan-12 1.0000000