Sea-Bird Electronics, Inc.

13431 NE 20th Street, Bellevue, WA 98005-2010 USA

Phone: (+1) 425-643-9866 Fax (+1) 425-643-9954 Email: seabird@seabird.com

SENSOR SERIAL NUMBER: 4139 CALIBRATION DATE: 11-Feb-14 SBE16plus CONDUCTIVITY CALIBRATION DATA

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

COEFFICIENTS:

j = 4.749508e-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	2703.87	0.0000	0.00000
1.0000	34.7374	2.96986	5382.64	2.9699	0.00000
4.5000	34.7177	3.27634	5585.95	3.2763	-0.00000
15.0000	34.6758	4.25620	6190.56	4.2562	-0.00000
18.5000	34.6671	4.60071	6389.25	4.6007	-0.00000
24.0000	34.6577	5.15764	6697.68	5.1576	-0.00000
29.0000	34.6527	5.67853	6973.45	5.6785	0.00001
32.5000	34.6500	6.05026	7163.53	6.0503	-0.00001

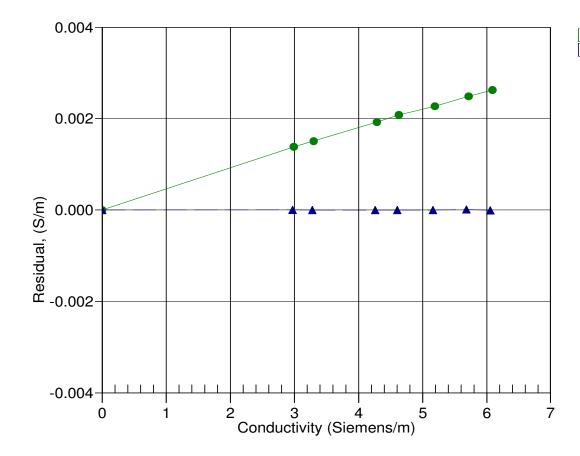
f = INST FREQ / 1000.0

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

 $t = temperature[°C)]; p = pressure[decibars]; \delta = CTcor; \epsilon = CPcor;$

Residual = instrument conductivity - bath conductivity

Date, Slope Correction



29-Jun-12 0.999559411-Feb-14 1.0000000