Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 6902 CALIBRATION DATE: 07-Feb-14 SBE16plusV2 CONDUCTIVITY CALIBRATION DATA

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

COEFFICIENTS:

j = 5.906665e-005

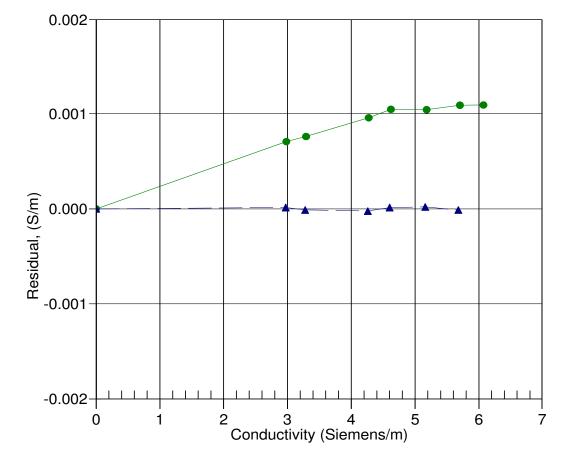
BATH TEMP (ITS-90)	BATH SAL (PSU)	BATH COND (Siemens/m)	INST FREO (Hz)	INST COND (Siemens/m)	RESIDUAL (Siemens/m)
22.0000	0.0000	0.00000	2530.99	0.0000	0.00000
1.0000	34.7270	2.96906	5049.69	2.9691	0.00001
4.5000	34.7075	3.27547	5240.72	3.2755	-0.00001
15.0000	34.6657	4.25509	5808.76	4.2551	-0.00002
18.5000	34.6570	4.59951	5995.45	4.5995	0.00001
24.0000	34.6473	5.15626	6285.19	5.1563	0.00002
29.0000	34.6413	5.67687	6544.17	5.6769	-0.00001

f = INST FREQ / 1000.0

Conductivity = $(g + hf^2 + if^3 + jf^4) / (1 + \delta t + \epsilon p)$ Siemens/meter $t = \text{temperature}[^{\circ}C)$; p = pressure[decibars]; $\delta = CTcor$; $\epsilon = CPcor$;

Residual = instrument conductivity - bath conductivity

Date, Slope Correction



24-Apr-12 0.9997957 07-Feb-14 1.0000000