SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 2341 CALIBRATION DATE: 21-Jan-11 SBE 37 CONDUCTIVITY CALIBRATION DATA PSS 1978: C(35,15,0) = 4.2914 Siemens/meter

COEFFICIENTS:

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	2582.66	0.0000	0.00000
0.9999	34.7447	2.97042	5083.56	2.97044	0.00002
4.5000	34.7239	3.27686	5273.79	3.27685	-0.00002
14.9999	34.6793	4.25657	5839.82	4.25655	-0.00002
18.5000	34.6695	4.60099	6025.93	4.60100	0.00001
23.9999	34.6591	5.15781	6314.88	5.15782	0.00001
28.9999	34.6530	5.67856	6573.29	5.67857	0.00000
32.5001	34.6463	6.04970	6751.24	6.04969	-0.00001

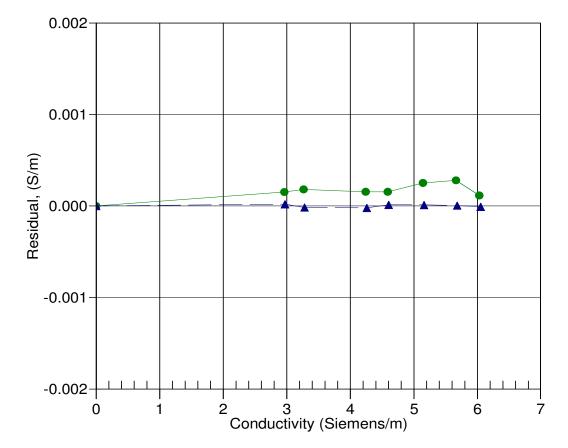
f = INST FREQ * sqrt(1.0 + WBOTC * t) / 1000.0

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



● 07-Mar-08 0.9999611 ▲ 21-Jan-11 1.0000000