Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 7020 CALIBRATION DATE: 07-Feb-14

SBE16plusV2 CONDUCTIVITY CALIBRATION DATA

-0.00001

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

6.0483

COEFFICIENTS:

j = 3.805878e - 005

6.04834

BATH TEMP BATH SAL BATH COND **INST FREO INST COND RESIDUAL** (ITS-90) (Siemens/m) (Siemens/m) (Siemens/m) (PSU) (Hz) 22.0000 0.0000 0.00000 2829.11 0.0000 0.00000 5675.29 2.9691 1.0000 34.7270 2.96906 0.00001 4.5000 34.7075 3.27547 5890.65 3.2755 -0.00000 15.0000 34.6657 4.25509 6530.81 4.2551 -0.000014.5995 -0.0000118.5000 34.6570 4.59951 6741.10 24.0000 34.6473 5.15626 7067.46 5.1563 0.00001 7359.12 5.6769 0.00001 29.0000 34.6413 5.67687

7560.10

f = INST FREQ / 1000.0

32.5000

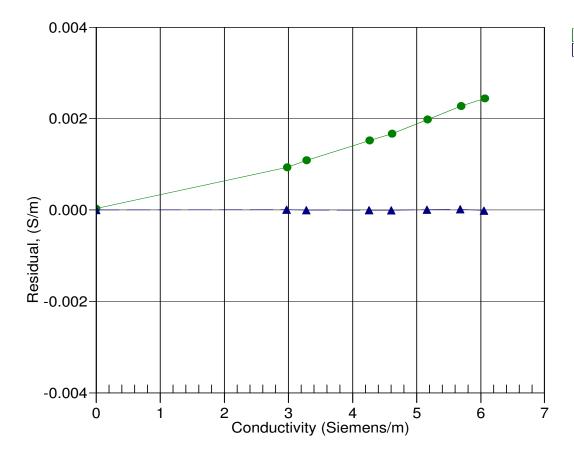
Conductivity = $(g + hf^2 + if^3 + jf^4) / (1 + \delta t + \epsilon p)$ Siemens/meter

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

Residual = instrument conductivity - bath conductivity

34.6376

Date, Slope Correction



23-Jan-13 0.9996231 07-Feb-14 1.0000000