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SENSOR SERIAL NUMBER: 0043
CALIBRATION DATE: 31-May-17

SBE 49 CONDUCTIVITY CALIBRATION DATA
PSS 1978: C(35,15,0) = 4.2914 Siemens/meter

COEFFICIENTS:

```
g = -1.008881e+000
h =  1.396813e-001
i = -1.246556e-004
j =  3.041432e-005

CPcor = -9.5700e-008
CTcor =  3.2500e-006
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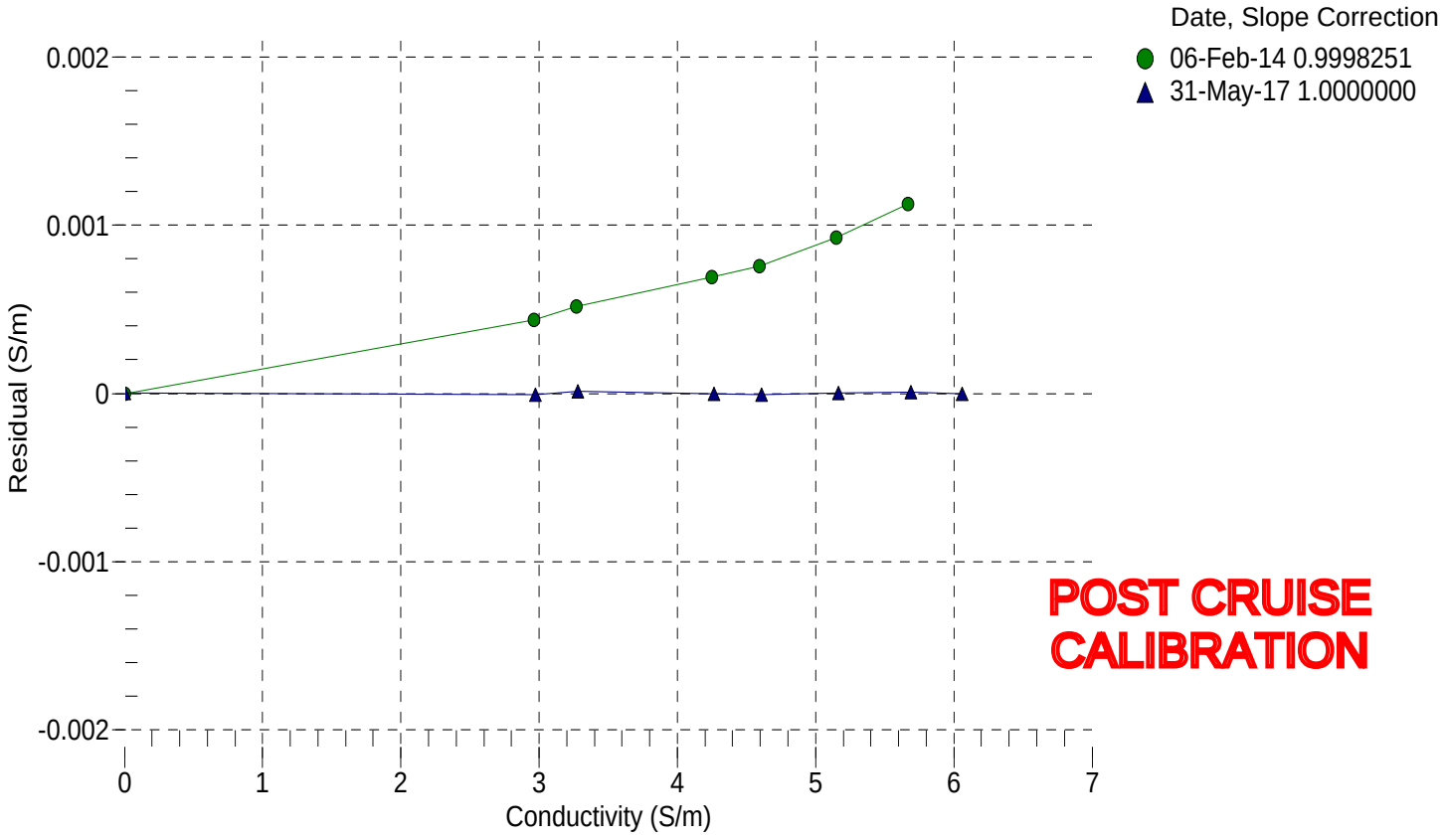
BATH TEMP (° C)	BATH SAL (PSU)	BATH COND (S/m)	INSTRUMENT OUTPUT (Hz)	INSTRUMENT COND (S/m)	RESIDUAL (S/m)
22.0000	0.0000	0.00000	2688.62	0.0000	0.00000
1.0000	34.7952	2.97433	5336.24	2.9743	-0.00001
4.5000	34.7757	3.28127	5537.25	3.2813	0.00001
15.0000	34.7340	4.26258	6135.01	4.2626	-0.00000
18.5000	34.7252	4.60759	6331.48	4.6076	-0.00001
24.0000	34.7157	5.16531	6636.52	5.1653	0.00000
29.0000	34.7109	5.68700	6909.33	5.6870	0.00001
32.5000	34.7084	6.05930	7097.41	6.0593	-0.00000

f = Instrument Output (Hz) / 1000.0

t = temperature (°C); p = pressure (decibars); δ = CTcor; ε = CPcor;

Conductivity (S/m) = $(g + h * f^2 + i * f^3 + j * f^4) / 10 (1 + \delta * t + \varepsilon * p)$

Residual (Siemens/meter) = instrument conductivity - bath conductivity



POST CRUISE CALIBRATION