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SENSOR SERIAL NUMBER: 2026
CALIBRATION DATE: 27-Jun-17

SBE 37 CONDUCTIVITY CALIBRATION DATA
PSS 1978: C(35,15,0) = 4.2914 Siemens/meter

COEFFICIENTS:

```
g = -9.262899e-001
h =  1.440446e-001
i = -3.549935e-006
j =  3.525802e-005

CPcor = -9.5700e-008
CTcor =  3.2500e-006
WBOTC = -3.7810e-006
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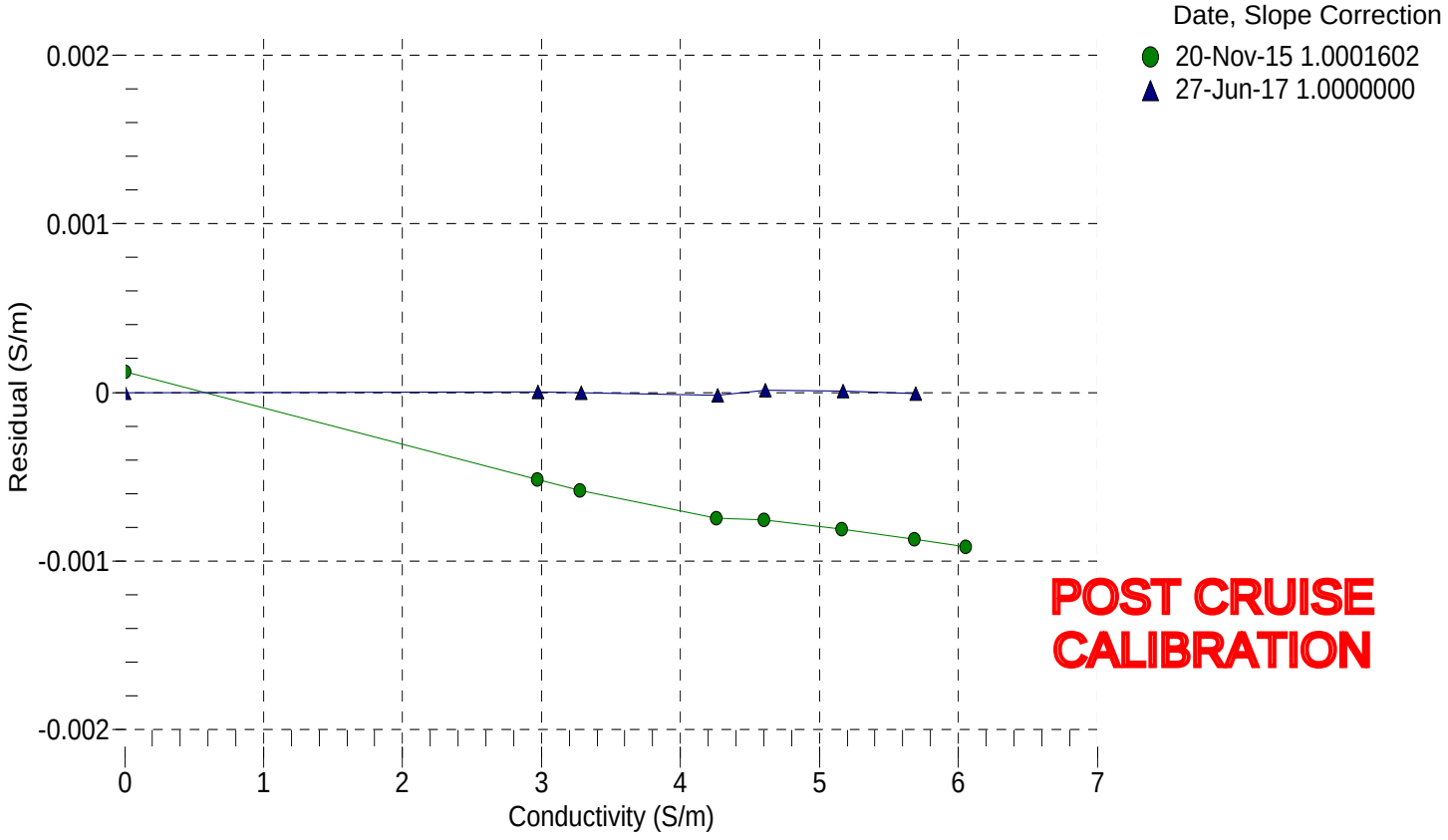
BATH TEMP (° C)	BATH SAL (PSU)	BATH COND (S/m)	INSTRUMENT OUTPUT (Hz)	INSTRUMENT COND (S/m)	RESIDUAL (S/m)
22.0000	0.0000	0.00000	2534.05	0.00000	0.00000
1.0000	34.8278	2.97685	5188.74	2.97686	0.00000
4.4999	34.8080	3.28401	5387.72	3.28401	-0.00000
15.0000	34.7663	4.26613	5978.56	4.26611	-0.00002
18.5000	34.7576	4.61142	6172.49	4.61143	0.00001
24.0000	34.7483	5.16963	6473.27	5.16964	0.00001
29.0000	34.7435	5.69174	6742.02	5.69173	-0.00001
32.5000	34.7400	6.06419	6927.17	6.06428	0.00009

f = Instrument Output(Hz) * sqrt(1.0 + WBOTC * t) / 1000.0

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

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

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



POST CRUISE CALIBRATION