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SENSOR SERIAL NUMBER: 2448
CALIBRATION DATE: 09-Sep-21

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

COEFFICIENTS:

```
g = -1.028843e+000
h =  1.464463e-001
i = -1.374613e-004
j =  3.451036e-005

CPcor = -9.5700e-008
CTcor =  3.2500e-006
WBOTC =  7.2604e-006
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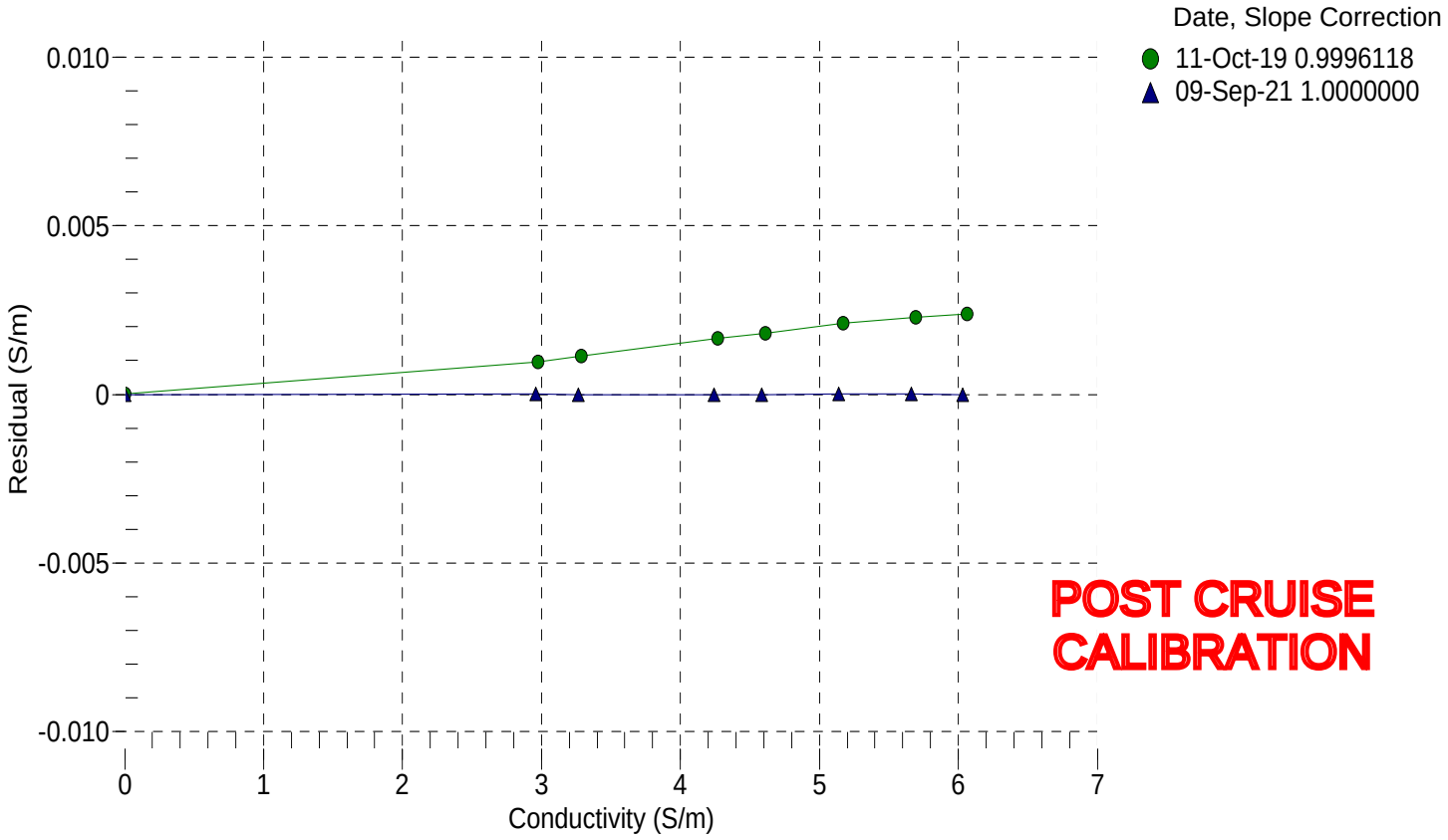
BATH TEMP (° C)	BATH SAL (PSU)	BATH COND (S/m)	INSTRUMENT OUTPUT (Hz)	INSTRUMENT COND (S/m)	RESIDUAL (S/m)
22.0000	0.0000	0.00000	2651.44	0.00000	0.00000
1.0000	34.6089	2.95992	5214.96	2.95993	0.00001
4.4999	34.5898	3.26544	5410.11	3.26543	-0.00001
15.0000	34.5485	4.24222	5990.73	4.24222	-0.00000
18.5000	34.5395	4.58559	6181.60	4.58559	-0.00000
24.0000	34.5290	5.14059	6477.90	5.14060	0.00001
29.0001	34.5220	5.65953	6742.83	5.65953	0.00000
32.5000	34.5162	6.02955	6925.34	6.02954	-0.00000

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