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SENSOR SERIAL NUMBER: 4791
CALIBRATION DATE: 03-Jun-26

SBE 4 CONDUCTIVITY CALIBRATION DATA
PSS 1978: C(35,15,0) = 4.2914 Siemens/meter

COEFFICIENTS:

```
g =   -9.74253802e+00
h =    1.25669662e+00
i =   -7.45648589e-04
j =    1.16523261e-04

CPcor = -9.5700e-008 (nominal)
CTcor =  3.2500e-006 (nominal)
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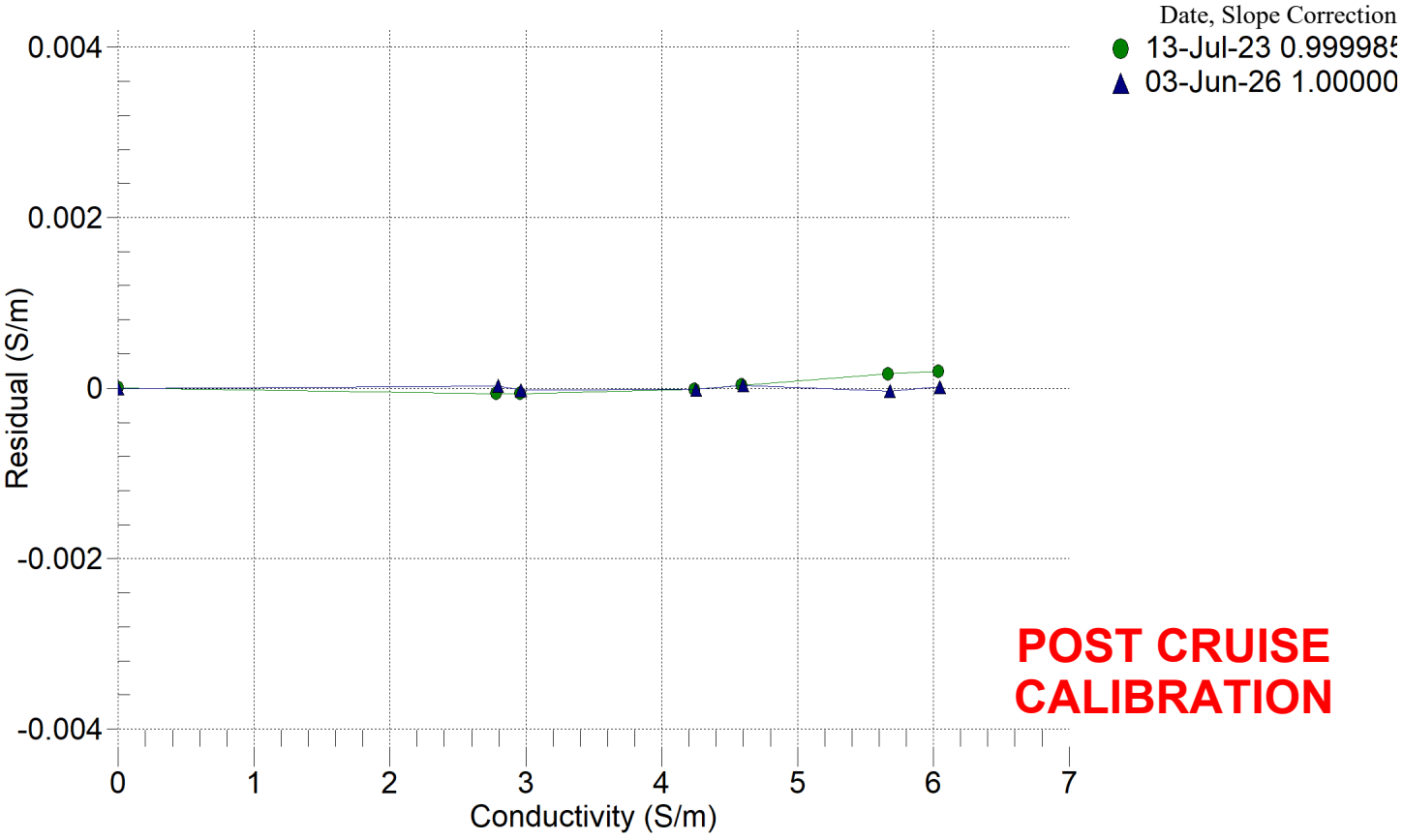
BATH TEMP (° C)	BATH SAL (PSU)	BATH COND (S/m)	INSTRUMENT OUTPUT (kHz)	INSTRUMENT COND (S/m)	RESIDUAL (S/m)
0.0000	0.0000	0.00000	2.78563	0.00000	0.00000
-1.0000	34.6835	2.79487	5.47782	2.79490	0.00002
1.0000	34.6848	2.96579	5.60047	2.96577	-0.00003
15.0000	34.6846	4.25716	6.45202	4.25715	-0.00001
18.5000	34.6836	4.60266	6.66129	4.60269	0.00003
29.0000	34.6778	5.68218	7.27602	5.68215	-0.00003
32.5000	34.6612	6.05200	7.47489	6.05201	0.00002

f = Instrument Output (kHz)

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