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SENSOR SERIAL NUMBER: 4367
CALIBRATION DATE: 17-Jun-26

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

COEFFICIENTS:

```
g =   -1.00935817e+01
h =    1.43170303e+00
i =   -6.89818919e-04
j =    1.19436043e-04

CPcor = -9.5700e-008 (nominal)
CTcor =  3.2500e-006 (nominal)
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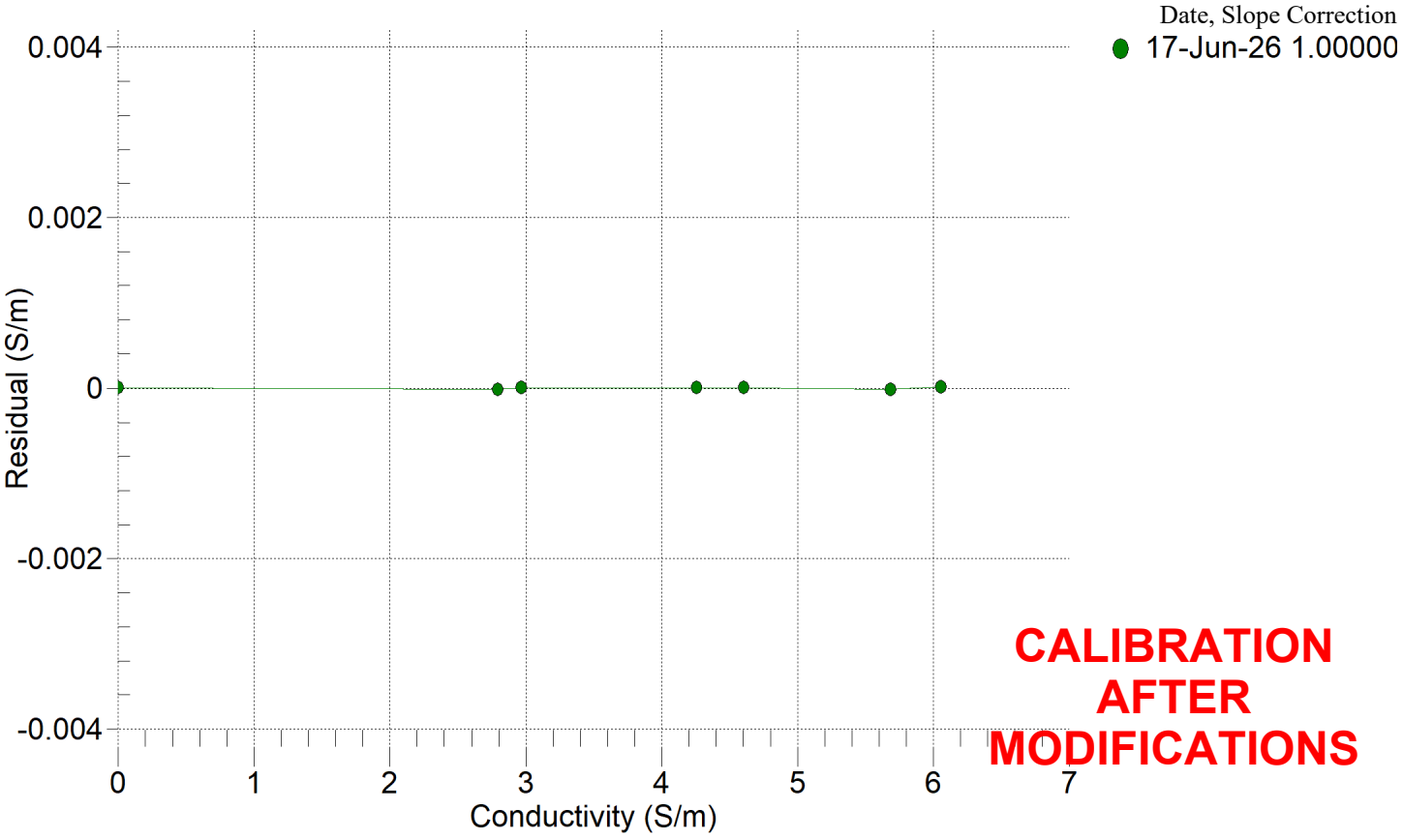
BATH TEMP (° C)	BATH SAL (PSU)	BATH COND (S/m)	INSTRUMENT OUTPUT (kHz)	INSTRUMENT COND (S/m)	RESIDUAL (S/m)
0.0000	0.0000	0.00000	2.65611	0.00000	0.00000
-1.0000	34.7346	2.79861	5.15794	2.79860	-0.00001
1.0000	34.7351	2.96968	5.27244	2.96969	0.00001
15.0000	34.7366	4.26287	6.06802	4.26287	0.00000
18.5000	34.7360	4.60886	6.26366	4.60887	0.00000
29.0000	34.7237	5.68886	6.83815	5.68884	-0.00002
32.5000	34.7097	6.05950	7.02440	6.05951	0.00001

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