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SENSOR SERIAL NUMBER: 6244
CALIBRATION DATE: 15-Jun-21

SBE 19plus V2 CONDUCTIVITY CALIBRATION DATA
PSS 1978: C(35,15,0) = 4.2914 Siemens/meter

COEFFICIENTS:

```
g = -9.900655e-001
h =  1.559390e-001
i = -1.255439e-004
j =  3.418461e-005

CPcor = -9.5700e-008
CTcor =  3.2500e-006
```

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	2520.54	0.0000	0.00000
1.0000	34.8462	2.97828	5040.80	2.9783	0.00000
4.5000	34.8268	3.28562	5231.67	3.2856	0.00000
15.0000	34.7848	4.26816	5799.15	4.2681	-0.00001
18.5000	34.7756	4.61355	5985.63	4.6136	0.00000
24.0000	34.7652	5.17186	6275.08	5.1719	0.00000
29.0000	34.7577	5.69380	6533.80	5.6938	-0.00000
32.5000	34.7513	6.06594	6712.01	6.0659	-0.00000

f = Instrument Output (Hz) / 1000.0

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

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

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