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SENSOR SERIAL NUMBER: 6340
 CALIBRATION DATE: 19-Dec-23

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

COEFFICIENTS:

g = -1.02087575e+001 CPcor = -9.5700e-008 (nominal)
 h = 1.25974998e+000 CTcor = 3.2500e-006 (nominal)
 i = -1.09899844e-003
 j = 1.27202629e-004

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	2.84909	0.00000	0.00000
-1.0000	34.5203	2.78294	5.49980	2.78295	0.00001
1.0000	34.5211	2.95312	5.62139	2.95311	-0.00001
15.0000	34.5212	4.23922	6.46653	4.23922	-0.00001
18.5000	34.5207	4.58337	6.67445	4.58339	0.00002
29.0000	34.5186	5.65902	7.28577	5.65900	-0.00002
32.5000	34.5115	6.02882	7.48433	6.02883	0.00001

f = Instrument Output (kHz)

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

Conductivity (S/m) = (g + h * f² + i * f³ + j * f⁴) / 10 (1 + δ * t + ε * p)

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

