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SENSOR SERIAL NUMBER: 3679
 CALIBRATION DATE: 16-Jan-24

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

COEFFICIENTS:

g = -1.02053369e+001
 h = 1.54002316e+000
 i = 5.36505431e-005
 j = 1.12553032e-004

CPcor = -9.5700e-008 (nominal)
 CTcor = 3.2500e-006 (nominal)

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	2.57351	0.00000	0.00000
-1.0000	34.8035	2.80364	4.97822	2.80365	0.00000
1.0000	34.8045	2.97505	5.08835	2.97503	-0.00002
15.0000	34.8043	4.27030	5.85359	4.27036	0.00006
18.5000	34.8037	4.61688	6.04174	4.61685	-0.00003
29.0000	34.7981	5.69967	6.59484	5.69961	-0.00007
32.5001	34.7856	6.07125	6.77419	6.07130	0.00005

f = Instrument Output (kHz)

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

Conductivity (S/m) = $(g + h * f^2 + i * f^3 + j * f^4) / 10 (1 + \delta * t + \epsilon * p)$

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

