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SENSOR SERIAL NUMBER: 4373
 CALIBRATION DATE: 15-Feb-22

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

COEFFICIENTS:

g = -9.79923043e+000
 h = 1.39431429e+000
 i = -9.37171679e-004
 j = 1.47326570e-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	2.65242	0.00000	0.00000
-1.0001	34.6993	2.79602	5.20559	2.79602	0.00000
0.9999	34.7000	2.96696	5.32199	2.96696	-0.00000
14.9999	34.7006	4.25891	6.13025	4.25891	-0.00000
18.4999	34.7003	4.60463	6.32892	4.60463	0.00001
28.9999	34.6967	5.68492	6.91265	5.68491	-0.00001
32.4999	34.6870	6.05598	7.10197	6.05598	0.00000

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

