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SENSOR SERIAL NUMBER: 0367
 CALIBRATION DATE: 11-Jul-23

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

COEFFICIENTS:

g = -1.00501514e+001
 h = 1.52157045e+000
 i = -3.60245592e-003
 j = 3.71974300e-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	2.57581	0.00000	0.00000
-1.0001	34.5021	2.78160	5.00296	2.78161	0.00001
0.9999	34.5029	2.95171	5.11406	2.95170	-0.00001
14.9999	34.5022	4.23713	5.88583	4.23714	0.00001
18.4999	34.5020	4.58114	6.07558	4.58113	-0.00001
28.9999	34.4976	5.65595	6.63311	5.65596	0.00001
32.4999	34.4850	6.02471	6.81371	6.02470	-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

