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SENSOR SERIAL NUMBER: 2039  
 CALIBRATION DATE: 09-Jan-20

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

COEFFICIENTS:

g = -1.03523141e+001  
 h = 1.26524373e+000  
 i = 1.34545914e-003  
 j = -2.57489858e-005

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	2.85633	0.00000	0.00000
-1.0000	34.9566	2.81482	5.50190	2.81484	0.00001
1.0000	34.9573	2.98686	5.62320	2.98686	-0.00000
15.0000	34.9581	4.28716	6.46651	4.28715	-0.00001
18.5000	34.9578	4.63511	6.67401	4.63508	-0.00003
29.0000	34.9551	5.72248	7.28434	5.72256	0.00008
32.5000	34.9427	6.09553	7.48210	6.09548	-0.00005

f = Instrument Output (kHz)

t = temperature (°C); p = pressure (decibars);  $\delta$  = CTcor;  $\epsilon$  = 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

