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SENSOR SERIAL NUMBER: 2039
 CALIBRATION DATE: 17-Dec-19

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

COEFFICIENTS:

g = -1.03548765e+001
 h = 1.26570662e+000
 i = 1.30313491e-003
 j = -2.79560899e-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	2.85632	0.00000	0.00000
-1.0000	34.8285	2.80547	5.49505	2.80547	0.00000
1.0000	34.8293	2.97697	5.61614	2.97697	-0.00000
15.0000	34.8303	4.27315	6.45793	4.27315	-0.00000
18.5000	34.8295	4.61993	6.66505	4.61994	0.00001
29.0000	34.8266	5.70382	7.27428	5.70381	-0.00001
32.5000	34.8129	6.07546	7.47169	6.07547	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

