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SENSOR SERIAL NUMBER: 3009
 CALIBRATION DATE: 30-Jan-19

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

COEFFICIENTS:

g = -9.84224434e+000
 h = 1.39643112e+000
 i = 3.26628364e-004
 j = 4.83330059e-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	2.65369	0.00000	0.00000
-1.0000	34.6844	2.79494	5.19661	2.79492	-0.00002
1.0000	34.6840	2.96573	5.31260	2.96576	0.00002
15.0000	34.6833	4.25702	6.11822	4.25703	0.00001
18.5000	34.6815	4.60241	6.31620	4.60240	-0.00002
29.0000	34.6718	5.68131	6.89793	5.68133	0.00002
32.4999	34.6555	6.05110	7.08624	6.05109	-0.00001

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

