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SENSOR SERIAL NUMBER: 2707
 CALIBRATION DATE: 17-Jan-19

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

COEFFICIENTS:

g = -1.07343568e+001
 h = 1.56159829e+000
 i = -1.83448912e-003
 j = 2.25865468e-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	2.62456	0.00000	0.00000
-1.0000	34.5937	2.78831	4.97850	2.78830	-0.00001
1.0000	34.5935	2.95873	5.08711	2.95874	0.00001
14.9999	34.5920	4.24699	5.84272	4.24697	-0.00002
18.4999	34.5898	4.59154	6.02868	4.59156	0.00002
29.0000	34.5801	5.66797	6.57547	5.66796	-0.00001
32.4999	34.5625	6.03671	6.75250	6.03671	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

