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SENSOR SERIAL NUMBER: 4709
 CALIBRATION DATE: 23-Aug-17

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

COEFFICIENTS:

g = -1.00485353e+001 CPcor = -9.5700e-008 (nominal)
 h = 1.36772646e+000 CTcor = 3.2500e-006 (nominal)
 i = -2.60591118e-004
 j = 7.79557871e-005

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	2.71065	0.00000	0.00000
-1.0000	34.4618	2.77867	5.25802	2.77865	-0.00001
1.0000	34.4621	2.94856	5.37468	2.94857	0.00002
15.0000	34.4639	4.23293	6.18537	4.23293	0.00000
18.5000	34.4641	4.57666	6.38478	4.57664	-0.00002
29.0000	34.4634	5.65098	6.97119	5.65101	0.00002
32.5000	34.4590	6.02069	7.16179	6.02068	-0.00001

f = Instrument Output (kHz)

t = temperature (°C); p = pressure (decibars); δ = CTcor; ε = CPcor;

Conductivity (S/m) = (g + h * f² + i * f³ + j * f⁴) / 10 (1 + δ * t + ε * p)

Residual (Siemens/meter) = instrument conductivity - bath conductivity

