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SENSOR SERIAL NUMBER: 0652
 CALIBRATION DATE: 28-Dec-18

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

COEFFICIENTS:

g = -4.17506826e+000 CPcor = -9.5700e-008 (nominal)
 h = 4.52035293e-001 CTcor = 3.2500e-006 (nominal)
 i = 2.23989779e-004
 j = 9.50677406e-006

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	3.03653	0.00000	0.00000
-1.0000	34.6014	2.78887	8.39843	2.78887	-0.00000
1.0000	34.6016	2.95936	8.61805	2.95937	0.00001
15.0000	34.6011	4.24800	10.12325	4.24798	-0.00002
18.5000	34.5997	4.59273	10.48889	4.59272	-0.00001
29.0000	34.5911	5.66957	11.55563	5.66962	0.00005
32.5000	34.5749	6.03864	11.89878	6.03860	-0.00003

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

