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SENSOR SERIAL NUMBER: 3456
 CALIBRATION DATE: 11-Jan-18

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

COEFFICIENTS:

g = -9.95641848e+000
 h = 1.51705188e+000
 i = -2.37947598e-003
 j = 2.80515505e-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	2.56544	0.00000	0.00000
-1.0001	34.5719	2.78671	5.00127	2.78671	0.00000
0.9999	34.5723	2.95708	5.11259	2.95708	0.00000
14.9999	34.5707	4.24465	5.88574	4.24466	0.00001
18.4999	34.5689	4.58907	6.07572	4.58905	-0.00002
28.9999	34.5588	5.66486	6.63383	5.66488	0.00002
32.4999	34.5449	6.03398	6.81463	6.03397	-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

