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SENSOR SERIAL NUMBER: 3784  
 CALIBRATION DATE: 07-Nov-17

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

COEFFICIENTS:

g = -1.00026409e+001      CPcor = -9.5700e-008 (nominal)  
 h = 1.48994466e+000      CTcor = 3.2500e-006 (nominal)  
 i = -9.93819931e-004  
 j = 1.63850297e-004

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	2.59231	0.00000	0.00000
-1.0001	34.5515	2.78522	5.04194	2.78520	-0.00002
0.9999	34.5504	2.95538	5.15391	2.95540	0.00001
14.9999	34.5472	4.24207	5.93206	4.24208	0.00001
18.4999	34.5451	4.58625	6.12332	4.58624	-0.00001
29.0000	34.5319	5.66096	6.68513	5.66095	-0.00001
32.4999	34.5140	6.02920	6.86696	6.02920	0.00001

f = Instrument Output (kHz)

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

Conductivity (S/m) = (g + h \* f<sup>2</sup> + i \* f<sup>3</sup> + j \* f<sup>4</sup>) / 10 (1 + δ \* t + ε \* p)

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

