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SENSOR SERIAL NUMBER: 6333  
 CALIBRATION DATE: 14-Nov-23

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

COEFFICIENTS:

g = -1.00433546e+001      CPcor = -9.5700e-008 (nominal)  
 h = 1.24136932e+000      CTcor = 3.2500e-006 (nominal)  
 i = -1.09715173e-003  
 j = 1.23015281e-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	2.84683	0.00000	0.00000
-1.0000	34.7310	2.79834	5.53983	2.79833	-0.00001
1.0000	34.7312	2.96938	5.66300	2.96940	0.00001
15.0000	34.7318	4.26234	6.51874	4.26236	0.00001
18.5000	34.7318	4.60837	6.72919	4.60835	-0.00001
29.0000	34.7298	5.68974	7.34786	5.68974	-0.00000
32.5000	34.7231	6.06157	7.54877	6.06158	0.00000

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

