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SENSOR SERIAL NUMBER: 2767
CALIBRATION DATE: 06-Feb-18

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

COEFFICIENTS:

g = -1.01835832e+001
h = 1.55668361e+000
i = -1.78308453e-003
j = 2.25674225e-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	2.56024	0.00000	0.00000
-0.9999	34.7476	2.79957	4.95761	2.79955	-0.00001
1.0000	34.7480	2.97068	5.06743	2.97070	0.00002
15.0000	34.7474	4.26405	5.83049	4.26405	-0.00000
18.5000	34.7463	4.61008	6.01813	4.61008	-0.00001
29.0000	34.7385	5.69101	6.56952	5.69102	0.00001
32.5000	34.7241	6.06173	6.74813	6.06172	-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

