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SENSOR SERIAL NUMBER: 1335
CALIBRATION DATE: 14-Feb-18

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

COEFFICIENTS:

g = -3.87045047e+000
h = 4.89278643e-001
i = -7.13781382e-005
j = 3.15227349e-005

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	2.81242	0.00000	0.00000
-0.9999	34.6613	2.79326	8.05017	2.79326	0.00000
1.0000	34.6610	2.96395	8.26262	2.96396	0.00001
15.0000	34.6593	4.25439	9.71730	4.25436	-0.00003
18.5000	34.6584	4.59968	10.07033	4.59966	-0.00002
29.0000	34.6502	5.67817	11.09940	5.67825	0.00009
32.5001	34.6354	6.04801	11.43028	6.04796	-0.00006

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

