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SENSOR SERIAL NUMBER: 0369
CALIBRATION DATE: 27-Dec-18

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

COEFFICIENTS:

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g =  -4.28477499e+000
h =   5.37458866e-001
i =  -2.41799867e-003
j =   1.61828234e-004

CPcor = -9.5700e-008 (nominal)
CTcor =  3.2500e-006 (nominal)
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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	2.83824	0.00000	0.00000
-1.0000	34.5563	2.78558	7.79877	2.78557	-0.00001
1.0000	34.5562	2.95584	8.00250	2.95585	0.00001
15.0000	34.5553	4.24297	9.39715	4.24296	-0.00001
18.5000	34.5533	4.58723	9.73520	4.58723	-0.00000
29.0001	34.5424	5.66249	10.71939	5.66251	0.00002
32.5001	34.5250	6.03092	11.03524	6.03091	-0.00001

f = Instrument Output (kHz)

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

Conductivity (S/m) = $(g + h * f^2 + i * f^3 + j * f^4) / 10 (1 + \delta * t + \varepsilon * p)$

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