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SENSOR SERIAL NUMBER: 0369
CALIBRATION DATE: 13-Feb-20

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

COEFFICIENTS:

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g =  -4.28941001e+000
h =   5.38398275e-001
i =  -2.56677711e-003
j =   1.69226660e-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
-1.0001	34.7485	2.79961	7.81466	2.79962	0.00001
0.9999	34.7485	2.97071	8.01888	2.97070	-0.00001
14.9999	34.7456	4.26385	9.41676	4.26385	0.00000
18.4999	34.7429	4.60967	9.75551	4.60968	0.00001
29.0000	34.7324	5.69012	10.74183	5.69010	-0.00002
32.4999	34.7149	6.06029	11.05836	6.06031	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