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SENSOR SERIAL NUMBER: 0369
CALIBRATION DATE: 21-Jan-22

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

COEFFICIENTS:

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g =  -4.27508521e+000
h =   5.35486639e-001
i =  -2.10747157e-003
j =   1.49783814e-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	2.83820	0.00000	0.00000
-1.0001	34.6975	2.79589	7.81218	2.79590	0.00001
0.9999	34.6968	2.96671	8.01611	2.96671	-0.00001
14.9999	34.6949	4.25828	9.41252	4.25828	-0.00001
18.4999	34.6920	4.60365	9.75091	4.60365	0.00001
28.9999	34.6843	5.68312	10.73673	5.68311	-0.00000
32.4999	34.6714	6.05356	11.05364	6.05357	0.00000

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