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SENSOR SERIAL NUMBER: 2908
CALIBRATION DATE: 09-Feb-23

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

COEFFICIENTS:

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g =  -1.01576559e+001
h =   1.37332449e+000
i =  -8.12547521e-004
j =   1.17672071e-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	2.72096	0.00000	0.00000
-1.0001	34.6341	2.79126	5.26703	2.79125	-0.00000
0.9999	34.6342	2.96187	5.38368	2.96187	0.00000
14.9999	34.6325	4.25144	6.19433	4.25145	0.00001
18.4999	34.6312	4.59645	6.39370	4.59644	-0.00000
28.9998	34.6236	5.67428	6.97967	5.67426	-0.00002
32.4998	34.6083	6.04379	7.16947	6.04380	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