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SENSOR SERIAL NUMBER: 2908
CALIBRATION DATE: 24-Dec-08

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

COEFFICIENTS:

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g =  -9.45150432e+000
h =   1.27450936e+000
i =   1.39221522e-003
j =   1.55205263e-005

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	2.71904	0.00000	0.00000
-1.0000	34.6598	2.79314	5.39895	2.79311	-0.00003
1.0539	34.6597	2.96850	5.52377	2.96853	0.00003
14.9999	34.6589	4.25433	6.36367	4.25436	0.00003
18.5000	34.6579	4.59962	6.57073	4.59959	-0.00003
29.0000	34.6539	5.67871	7.17909	5.67869	-0.00002
32.5000	34.6460	6.04964	7.37651	6.04966	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