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SENSOR SERIAL NUMBER = 1374
CALIBRATION DATE: 30-Apr-02s

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

GHJ COEFFICIENTS

g = -4.28012549e+00
h = 5.22803464e-01
i = -2.74193573e-04
j = 4.27246487e-05
CPcor = -9.57e-08 (nominal)
CTcor = 3.25e-06 (nominal)

ABCDM COEFFICIENTS

a = 4.35456108e-06
b = 5.22124500e-01
c = -4.27885357e+00
d = -8.74944693e-05
m = 4.7
CPcor = -9.57e-08 (nominal)

BATH TEMP (ITS-90 °C)	BATH SAL (PSU)	BATH COND (Siemens/m)	INST FREQ (kHz)	INST COND (Siemens/m)	RESIDUAL (Siemens/m)
0.0000	0.0000	0.00000	2.86246	-0.00000	-0.00000
-1.4008	35.0495	2.78752	7.83899	2.78754	0.00002
0.9992	35.0499	2.99395	8.08590	2.99393	-0.00002
14.9992	35.0502	4.29718	9.49580	4.29717	-0.00001
18.4992	35.0498	4.64590	9.83827	4.64592	0.00002
28.9992	35.0470	5.73574	10.83737	5.73574	-0.00000

Conductivity = (g + hf² + if³ + jf⁴) / [10(1 + δt + εp)] Siemens/meter
Conductivity = (af^m + bf² + c + dt) / [10(1 + εp)] Siemens/meter
t = temperature [deg C]; p = pressure [decibars]; δ = CTcor; ε = CPcor;
Residual = (instrument conductivity - bath conductivity) using g, h, i, j coefficients

