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SENSOR SERIAL NUMBER: 3508
 CALIBRATION DATE: 13-Mar-19

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

COEFFICIENTS:

g = -1.01150201e+001
 h = 1.58498416e+000
 i = -2.05509077e-003
 j = 2.54904434e-004

CPcor = -9.5700e-008 (nominal)
 CTcor = 3.2500e-006 (nominal)

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	2.52907	0.00000	0.00000
-1.0001	34.5605	2.78587	4.90083	2.78586	-0.00002
0.9999	34.5605	2.95617	5.00947	2.95619	0.00002
15.0000	34.5604	4.24353	5.76430	4.24352	-0.00001
18.5000	34.5593	4.58794	5.94990	4.58794	-0.00000
29.0000	34.5516	5.66382	6.49527	5.66383	0.00001
32.5001	34.5381	6.03295	6.67198	6.03294	-0.00001

f = Instrument Output (kHz)

t = temperature (°C); p = pressure (decibars); δ = CTcor; ϵ = CPcor;

Conductivity (S/m) = $(g + h * f^2 + i * f^3 + j * f^4) / 10 (1 + \delta * t + \epsilon * p)$

Residual (Siemens/meter) = instrument conductivity - bath conductivity

