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SENSOR SERIAL NUMBER: 3948
 CALIBRATION DATE: 08-Jul-20

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

COEFFICIENTS:

g = -1.01892388e+001
 h = 1.55605653e+000
 i = -1.35028314e-003
 j = 1.96715488e-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	2.56071	0.00000	0.00000
-1.0003	34.5819	2.78742	4.94882	2.78743	0.00000
0.9997	34.5829	2.95788	5.05831	2.95788	-0.00000
14.9997	34.5837	4.24606	5.81917	4.24605	-0.00000
18.4997	34.5827	4.59068	6.00629	4.59069	0.00001
28.9997	34.5778	5.66760	6.55632	5.66760	-0.00001
32.4998	34.5643	6.03698	6.73453	6.03698	0.00000

f = Instrument Output (kHz)

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

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

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

