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SENSOR SERIAL NUMBER: 3470
 CALIBRATION DATE: 22-Feb-19

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

COEFFICIENTS:

g = -1.00758404e+001
 h = 1.34282389e+000
 i = 2.60372769e-004
 j = 3.83738795e-005

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	2.73823	0.00000	0.00000
-1.0000	34.6001	2.78878	5.31220	2.78876	-0.00002
0.9999	34.5998	2.95921	5.43001	2.95922	0.00001
15.0000	34.5979	4.24765	6.24873	4.24768	0.00004
18.5000	34.5964	4.59233	6.45003	4.59230	-0.00003
29.0000	34.5847	5.66864	7.04157	5.66863	-0.00001
32.5000	34.5664	6.03732	7.23302	6.03733	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

