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SENSOR SERIAL NUMBER: 3679
 CALIBRATION DATE: 09-Jan-20

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

COEFFICIENTS:

g = -1.00944211e+001
 h = 1.52073299e+000
 i = 1.30669219e-003
 j = 1.09067144e-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	2.57350	0.00000	0.00000
-1.0000	34.9566	2.81482	5.00353	2.81483	0.00001
1.0000	34.9573	2.98686	5.11459	2.98687	0.00000
15.0000	34.9581	4.28716	5.88615	4.28716	-0.00000
18.5000	34.9578	4.63511	6.07589	4.63508	-0.00003
29.0000	34.9551	5.72248	6.63377	5.72255	0.00006
32.5000	34.9427	6.09553	6.81449	6.09549	-0.00004

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

