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SENSOR SERIAL NUMBER: 3678
 CALIBRATION DATE: 10-Jan-23

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

COEFFICIENTS:

g = -1.02088827e+001
 h = 1.61187317e+000
 i = -1.66288935e-003
 j = 2.35732478e-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	2.51876	0.00000	0.00000
-1.0000	34.7868	2.80242	4.87407	2.80243	0.00001
1.0000	34.7878	2.97376	4.98198	2.97374	-0.00002
15.0000	34.7887	4.26859	5.73181	4.26862	0.00003
18.5000	34.7892	4.61516	5.91624	4.61513	-0.00003
29.0001	34.7872	5.69810	6.45841	5.69810	-0.00000
32.5000	34.7786	6.07016	6.63434	6.07016	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

