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SENSOR SERIAL NUMBER: 3677
 CALIBRATION DATE: 10-Jan-23

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

COEFFICIENTS:

g = -9.92481970e+000
 h = 1.40179569e+000
 i = -3.46588360e-003
 j = 3.37197197e-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	2.66736	0.00000	0.00000
-1.0000	34.7868	2.80242	5.21966	2.80244	0.00002
1.0000	34.7878	2.97376	5.33615	2.97373	-0.00003
15.0000	34.7887	4.26859	6.14518	4.26860	0.00002
18.5000	34.7892	4.61516	6.34404	4.61514	-0.00002
29.0001	34.7872	5.69810	6.92824	5.69811	0.00001
32.5000	34.7786	6.07016	7.11769	6.07015	-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

