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SENSOR SERIAL NUMBER: 2272
 CALIBRATION DATE: 06-Jan-23

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

COEFFICIENTS:

g = -1.02625424e+001
 h = 1.38118196e+000
 i = -2.62926188e-003
 j = 2.54257317e-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	2.73108	0.00000	0.00000
-1.0000	34.4819	2.78014	5.26261	2.78013	-0.00001
1.0000	34.4820	2.95010	5.37883	2.95011	0.00001
14.9999	34.4812	4.23482	6.18658	4.23483	0.00000
18.4999	34.4803	4.57857	6.38525	4.57856	-0.00001
28.9999	34.4729	5.65236	6.96910	5.65236	0.00001
32.5000	34.4583	6.02058	7.15820	6.02058	-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

