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SENSOR SERIAL NUMBER: 4948
 CALIBRATION DATE: 15-Dec-20

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

COEFFICIENTS:

g = -1.01304007e+001 CPcor = -9.5700e-008 (nominal)
 h = 1.38624256e+000 CTcor = 3.2500e-006 (nominal)
 i = -6.08195361e-004
 j = 1.19696621e-004

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	2.70405	0.00000	0.00000
-1.0001	34.7673	2.80099	5.24512	2.80098	-0.00000
0.9999	34.7677	2.97220	5.36143	2.97220	0.00001
14.9999	34.7685	4.26636	6.16958	4.26637	0.00001
18.4999	34.7686	4.61271	6.36835	4.61270	-0.00002
28.9999	34.7672	5.69517	6.95277	5.69519	0.00002
32.4999	34.7617	6.06753	7.14263	6.06752	-0.00001

f = Instrument Output (kHz)

t = temperature (°C); p = pressure (decibars); δ = CTcor; ε = CPcor;

Conductivity (S/m) = (g + h * f² + i * f³ + j * f⁴) / 10 (1 + δ * t + ε * p)

Residual (Siemens/meter) = instrument conductivity - bath conductivity

