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SENSOR SERIAL NUMBER: 2148
 CALIBRATION DATE: 15-Jan-19

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

COEFFICIENTS:

g = -1.02304074e+001
 h = 1.52211975e+000
 i = -2.69728514e-003
 j = 2.93406675e-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	2.59681	0.00000	0.00000
-1.0000	35.0005	2.81803	5.03360	2.81802	-0.00000
1.0000	35.0005	2.99020	5.14515	2.99021	0.00001
15.0000	34.9995	4.29170	5.92021	4.29168	-0.00002
18.5000	34.9975	4.63980	6.11074	4.63981	0.00001
29.0001	34.9902	5.72759	6.67070	5.72761	0.00002
32.5000	34.9754	6.10058	6.85201	6.10057	-0.00001

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

