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SENSOR SERIAL NUMBER: 50236
CALIBRATION DATE: 14-Jan-21

SBE 16plus V2 CONDUCTIVITY CALIBRATION DATA
PSS 1978: C(35,15,0) = 4.2914 Siemens/meter

COEFFICIENTS:

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g = -9.912425e-001
h =  1.256431e-001
i = -1.176950e-004
j =  2.557565e-005

CPcor = -9.5700e-008
CTcor =  3.2500e-006
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BATH TEMP (° C)	BATH SAL (PSU)	BATH COND (S/m)	INSTRUMENT OUTPUT (Hz)	INSTRUMENT COND (S/m)	RESIDUAL (S/m)
22.0000	0.0000	0.00000	2810.24	0.0000	0.00000
1.0000	34.6445	2.96268	5606.56	2.9627	0.00001
4.5000	34.6251	3.26846	5818.49	3.2685	0.00000
14.9999	34.5851	4.24623	6448.71	4.2462	-0.00003
18.5000	34.5767	4.59000	6655.85	4.5900	0.00000
23.9999	34.5680	5.14575	6977.39	5.1458	0.00005
29.0008	34.5639	5.66570	7264.93	5.6657	-0.00002
32.5000	34.5591	6.03619	7462.88	6.0362	-0.00001

f = Instrument Output (Hz) / 1000.0

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

Conductivity (S/m) = $(g + h * f^2 + i * f^3 + j * f^4) / (1 + \delta * t + \varepsilon * p)$

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