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SENSOR SERIAL NUMBER: 6902
CALIBRATION DATE: 24-Jan-21

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

COEFFICIENTS:

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g = -9.972872e-001
h =  1.566225e-001
i = -5.204347e-004
j =  6.449907e-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	2530.70	0.0000	0.00000
1.0000	34.6823	2.96560	5046.01	2.9656	0.00000
4.5000	34.6623	3.27162	5236.77	3.2716	-0.00001
15.0000	34.6206	4.25014	5804.09	4.2502	0.00002
18.5000	34.6120	4.59418	5990.50	4.5942	0.00001
24.0000	34.6030	5.15039	6279.83	5.1503	-0.00005
29.0000	34.5975	5.67050	6538.51	5.6705	0.00003
32.5000	34.5935	6.04152	6716.69	6.0415	-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