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SENSOR SERIAL NUMBER: 6902
CALIBRATION DATE: 06-Jun-24

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

COEFFICIENTS:

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g = -1.002709e+000
h =  1.575051e-001
i = -6.256815e-004
j =  6.830987e-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	2532.37	0.0000	0.00000
0.9999	34.6087	2.95990	5038.58	2.9599	-0.00000
4.5000	34.5890	3.26538	5228.97	3.2654	0.00000
15.0000	34.5468	4.24204	5795.18	4.2420	-0.00000
18.5000	34.5379	4.58540	5981.28	4.5854	0.00000
24.0000	34.5278	5.14043	6270.11	5.1404	0.00001
29.0000	34.5213	5.65941	6528.29	5.6594	-0.00003
32.5000	34.5164	6.02958	6706.19	6.0296	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