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SENSOR SERIAL NUMBER: 6627
CALIBRATION DATE: 12-Jan-25

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

COEFFICIENTS:

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g = -1.034251e+000
h =  1.373883e-001
i = -1.882482e-004
j =  3.135037e-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	2746.51	0.0000	0.00000
1.0000	34.7055	2.96740	5398.93	2.9674	0.00001
4.5000	34.6866	3.27369	5601.11	3.2737	-0.00001
15.0000	34.6447	4.25278	6202.66	4.2528	-0.00002
18.5000	34.6354	4.59695	6400.46	4.5970	0.00000
24.0000	34.6241	5.15319	6707.52	5.1532	0.00002
29.0000	34.6151	5.67306	6981.99	5.6731	0.00000
32.5000	34.6057	6.04341	7170.93	6.0434	-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