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SENSOR SERIAL NUMBER: 6592
CALIBRATION DATE: 02-Apr-23

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

COEFFICIENTS:

g = -1.021222e+000
h = 1.381522e-001
i = -2.518539e-004
j = 3.697028e-005

CPcor = -9.5700e-008
CTcor = 3.2500e-006

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	2722.88	0.0000	0.00000
1.0000	34.6801	2.96543	5377.43	2.9654	-0.00000
4.5000	34.6602	3.27144	5579.39	3.2714	-0.00001
15.0000	34.6181	4.24986	6180.27	4.2499	0.00002
18.5000	34.6093	4.59386	6377.81	4.5939	0.00001
24.0000	34.5995	5.14993	6684.47	5.1499	-0.00002
28.9999	34.5927	5.66979	6958.64	5.6698	-0.00002
32.5000	34.5857	6.04031	7147.46	6.0403	0.00002

f = Instrument Output (Hz) / 1000.0

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

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

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

