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SENSOR SERIAL NUMBER: 7021
CALIBRATION DATE: 14-Jan-21

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

COEFFICIENTS:

g = -9.828606e-001
h = 1.212860e-001
i = -4.278441e-004
j = 4.491507e-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	2856.79	0.0000	0.00000
0.9999	34.5881	2.95830	5723.54	2.9583	0.00000
4.5000	34.5682	3.26361	5940.60	3.2636	-0.00000
15.0000	34.5267	4.23983	6585.86	4.2398	-0.00000
18.5000	34.5185	4.58311	6797.85	4.5831	-0.00000
24.0000	34.5100	5.13807	7126.85	5.1381	0.00002
29.0000	34.5065	5.65726	7420.94	5.6572	-0.00003
32.5000	34.5046	6.02775	7623.63	6.0278	0.00001

f = Instrument Output (Hz) / 1000.0

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

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

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

