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SENSOR SERIAL NUMBER: 7297  
CALIBRATION DATE: 31-Mar-23

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

COEFFICIENTS:

g = -9.814516e-001  
h = 1.297924e-001  
i = -4.183271e-004  
j = 4.569536e-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	2758.43	0.0000	0.00000
1.0000	34.5600	2.95614	5527.52	2.9562	0.00002
4.5000	34.5405	3.26126	5737.23	3.2612	-0.00003
15.0000	34.4978	4.23665	6360.69	4.2367	0.00001
18.4999	34.4890	4.57960	6565.49	4.5796	-0.00001
24.0000	34.4792	5.13399	6883.39	5.1340	0.00000
29.0000	34.4730	5.65238	7167.49	5.6524	0.00001
32.5000	34.4676	6.02202	7363.13	6.0220	-0.00001

f = Instrument Output (Hz) / 1000.0

t = temperature (°C); p = pressure (decibars);  $\delta$  = CTcor;  $\epsilon$  = 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

