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SENSOR SERIAL NUMBER: 6826  
CALIBRATION DATE: 12-Jan-21

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

COEFFICIENTS:

g = -9.875793e-001  
h = 1.517785e-001  
i = -2.756421e-004  
j = 4.555688e-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	2554.25	0.0000	0.00000
1.0000	34.6615	2.96399	5106.16	2.9640	-0.00001
4.5000	34.6418	3.26988	5299.47	3.2699	0.00001
15.0000	34.6013	4.24802	5874.27	4.2480	-0.00000
18.4999	34.5929	4.59191	6063.15	4.5919	0.00000
24.0000	34.5839	5.14786	6356.31	5.1479	-0.00001
28.9999	34.5799	5.66793	6618.48	5.6679	0.00000
32.5001	34.5783	6.03917	6799.19	6.0391	-0.00012

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

