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SENSOR SERIAL NUMBER: 4285
CALIBRATION DATE: 10-Jan-20

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

COEFFICIENTS:

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g = -1.058506e+000
h =  1.541885e-001
i = -3.989136e-004
j =  5.084757e-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	2626.06	0.0000	0.00000
1.0000	34.8904	2.98169	5130.70	2.9817	0.00001
4.5000	34.8711	3.28938	5322.05	3.2894	-0.00002
15.0000	34.8282	4.27292	5891.56	4.2729	0.00001
18.5000	34.8189	4.61868	6078.85	4.6187	0.00000
24.0000	34.8079	5.17751	6369.66	5.1775	-0.00000
29.0000	34.8001	5.69996	6629.69	5.7000	-0.00000
32.5000	34.7928	6.07236	6808.77	6.0723	-0.00006

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