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SENSOR SERIAL NUMBER: 6628
CALIBRATION DATE: 14-Dec-17

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

COEFFICIENTS:

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g = -1.052639e+000
h =  1.392136e-001
i = -2.120197e-004
j =  3.391341e-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	2753.02	0.0000	0.00000
1.0000	34.8130	2.97571	5382.34	2.9757	0.00001
4.5000	34.7925	3.28270	5583.05	3.2827	0.00001
15.0000	34.7486	4.26419	6180.38	4.2641	-0.00005
18.5000	34.7385	4.60916	6376.82	4.6091	-0.00002
24.0000	34.7272	5.16684	6681.90	5.1669	0.00005
29.0000	34.7196	5.68826	6954.69	5.6883	0.00002
32.5000	34.7134	6.06007	7142.64	6.0600	-0.00003

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