Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 6628
CALIBRATION DATE: 17-Jan-15

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

COEFFICIENTS:

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g = -1.051683e+000
h =  1.390881e-001
i = -2.015885e-004
j =  3.256654e-005

CPcor = -9.5700e-008
CTcor =  3.2500e-006
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BATH TEMP (ITS-90)	BATH SAL (PSU)	BATH COND (Siemens/m)	INST FREQ (Hz)	INST COND (Siemens/m)	RESIDUAL (Siemens/m)
22.0000	0.0000	0.00000	2752.83	0.0000	0.00000
0.9999	34.7252	2.96891	5379.26	2.9689	0.00000
4.5000	34.7031	3.27509	5579.73	3.2751	0.00000
15.0000	34.6568	4.25411	6176.50	4.2541	-0.00001
18.4999	34.6457	4.59816	6372.72	4.5982	-0.00000
24.0000	34.6337	5.15446	6677.51	5.1545	0.00000
28.9999	34.6253	5.67453	6950.08	5.6746	0.00002
32.5000	34.6194	6.04553	7137.96	6.0455	-0.00001

f = INST FREQ / 1000.0

Conductivity = $(g + h * f^2 + i * f^3 + j * f^4) / (1 + \delta * t + \varepsilon * p)$ Siemens / meter

t = temperatur e[°C)]; p = pressure[decibars]; δ = CTcor; ε = CPcor;

Residual = instrument conductivity - bath conductivity