Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 6627
CALIBRATION DATE: 22-Nov-15

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

COEFFICIENTS:

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g = -1.039326e+000
h =  1.381763e-001
i = -2.401792e-004
j =  3.521523e-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	2746.50	0.0000	0.00000
1.0000	34.6183	2.96065	5385.68	2.9606	-0.00000
4.5000	34.5982	3.26617	5587.00	3.2662	0.00001
15.0000	34.5558	4.24302	6186.17	4.2430	-0.00001
18.4999	34.5469	4.58646	6383.22	4.5865	-0.00000
23.9999	34.5374	5.14169	6689.23	5.1417	0.00000
29.0000	34.5324	5.66103	6962.97	5.6610	0.00001
32.5000	34.5295	6.03161	7151.71	6.0316	-0.00001

f = Instrument Output (Hz) / 1000.0

t = temperature (°C); p = pressure (decibars); δ = CTcor; ε = CPcor;

Conductivity (S/m) = $(g + h * f^2 + i * f^3 + j * f^4) / 10 (1 + \delta * t + \varepsilon * p)$

Residual (Siemens/meter) = instrument conductivity - bath conductivity