Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 4425
CALIBRATION DATE: 07-Apr-17

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

COEFFICIENTS:

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g = -1.060215e+000
h =  1.449187e-001
i = -3.683330e-004
j =  4.924428e-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	2710.76	0.0000	0.00000
0.9999	34.7086	2.96763	5282.42	2.9676	0.00001
4.5000	34.6892	3.27391	5478.99	3.2739	-0.00001
15.0000	34.6470	4.25304	6064.03	4.2530	0.00001
18.5000	34.6379	4.59725	6256.39	4.5972	-0.00002
24.0000	34.6282	5.15373	6555.17	5.1537	0.00002
29.0000	34.6231	5.67423	6822.40	5.6742	0.00000
32.5000	34.6205	6.04570	7006.67	6.0457	-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