Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 6902
CALIBRATION DATE: 18-Nov-15

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

COEFFICIENTS:

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g = -9.961498e-001
h =  1.563575e-001
i = -4.726954e-004
j =  5.995242e-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	2530.66	0.0000	0.00000
1.0000	34.9070	2.98298	5058.58	2.9830	0.00000
4.5000	34.8868	3.29072	5250.10	3.2907	0.00000
14.9999	34.8433	4.27456	5819.51	4.2745	-0.00001
18.4999	34.8341	4.62046	6006.61	4.6205	-0.00001
24.0000	34.8243	5.17968	6297.05	5.1797	0.00001
29.0000	34.8191	5.70273	6556.70	5.7027	0.00001
32.5000	34.8167	6.07605	6735.70	6.0760	-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