Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 7021
CALIBRATION DATE: 25-Nov-15

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

COEFFICIENTS:

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g = -9.812839e-001
h =  1.207849e-001
i = -2.910444e-004
j =  3.480697e-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	2856.78	0.0000	0.00000
1.0000	34.7803	2.97318	5734.34	2.9732	0.00001
4.5000	34.7604	3.27997	5952.01	3.2800	-0.00001
15.0000	34.7179	4.26082	6599.09	4.2608	-0.00001
18.5000	34.7086	4.60562	6811.65	4.6056	0.00001
24.0000	34.6991	5.16312	7141.57	5.1631	-0.00000
29.0000	34.6934	5.68445	7436.46	5.6844	-0.00000
32.5000	34.6903	6.05650	7639.71	6.0565	0.00000

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