Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 7297
CALIBRATION DATE: 21-Nov-15

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

COEFFICIENTS:

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g = -9.789316e-001
h =  1.291231e-001
i = -2.651707e-004
j =  3.464849e-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	2758.43	0.0000	0.00000
0.9999	34.6416	2.96244	5533.58	2.9624	-0.00001
4.5000	34.6214	3.26814	5743.62	3.2681	0.00001
15.0000	34.5781	4.24547	6368.00	4.2455	0.00002
18.5000	34.5691	4.58910	6573.16	4.5891	0.00001
23.9999	34.5593	5.14459	6891.57	5.1446	-0.00003
29.0000	34.5540	5.66417	7176.30	5.6642	-0.00000
32.5000	34.5515	6.03501	7372.59	6.0350	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