Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 4285
CALIBRATION DATE: 26-Nov-15

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

COEFFICIENTS:

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g = -1.058449e+000
h =  1.541632e-001
i = -4.002393e-004
j =  5.158342e-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	2626.19	0.0000	0.00000
1.0000	34.7876	2.97375	5125.81	2.9737	-0.00002
4.5000	34.7678	3.28060	5316.86	3.2806	0.00001
15.0000	34.7259	4.26170	5885.50	4.2617	0.00001
18.5000	34.7167	4.60658	6072.49	4.6066	0.00001
24.0000	34.7072	5.16419	6362.91	5.1642	-0.00004
29.0000	34.7011	5.68557	6622.69	5.6856	0.00002
32.4999	34.6969	6.05751	6801.78	6.0576	0.00009

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