Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 6629
CALIBRATION DATE: 04-Mar-15

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

COEFFICIENTS:

```
g = -1.051677e+000
h =  1.461493e-001
i = -2.339791e-004
j =  3.697577e-005

CPcor = -9.5700e-008
CTcor =  3.2500e-006
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BATH TEMP (ITS-90)	BATH SAL (PSU)	BATH COND (Siemens/m)	INST FREQ (Hz)	INST COND (Siemens/m)	RESIDUAL (Siemens/m)
22.0000	0.0000	0.00000	2685.84	0.0000	0.00000
0.9999	34.6207	2.96083	5243.51	2.9608	-0.00000
4.4999	34.6006	3.26636	5438.93	3.2664	-0.00000
15.0000	34.5580	4.24327	6020.65	4.2433	0.00002
18.4999	34.5489	4.58670	6211.96	4.5867	-0.00001
23.9999	34.5387	5.14187	6509.09	5.1419	-0.00001
29.0000	34.5327	5.66107	6774.90	5.6611	0.00001
32.5000	34.5280	6.03138	6958.14	6.0314	0.00007

f = INST FREQ / 1000.0

Conductivity = $(g + h * f^2 + i * f^3 + j * f^4) / (1 + \delta * t + \varepsilon * p)$ Siemens / meter

t = temperatur e[°C)]; p = pressure[decibars]; δ = CTcor; ε = CPcor;

Residual = instrument conductivity - bath conductivity