Sea-Bird Electronics, Inc.

13431 NE 20th Street, Bellevue, WA 98005-2010 USA

Phone: (+1) 425-643-9866 Fax (+1) 425-643-9954 Email: seabird@seabird.com

SENSOR SERIAL NUMBER: 6627
CALIBRATION DATE: 04-Dec-15

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

COEFFICIENTS:

```
g = -1.033026e+000
h =  1.371185e-001
i = -1.412058e-004
j =  2.851995e-005

CPcor = -9.5700e-008
CTcor =  3.2500e-006
```

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	2746.51	0.0000	0.00000
1.0000	34.7574	2.97141	5402.72	2.9714	-0.00002
4.5000	34.7377	3.27804	5605.08	3.2781	0.00002
14.9999	34.6965	4.25846	6207.22	4.2585	-0.00000
18.5000	34.6876	4.60313	6405.22	4.6031	0.00000
23.9999	34.6778	5.16029	6712.65	5.1603	-0.00001
29.0000	34.6726	5.68143	6987.68	5.6814	0.00000
32.5000	34.6697	6.05331	7177.25	6.0532	-0.00013

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