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: 4424
CALIBRATION DATE: 07-Apr-17

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

COEFFICIENTS:

```
g = -1.016867e+000
h =  1.377409e-001
i = -2.580667e-004
j =  3.961049e-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	2721.11	0.0000	0.00000
0.9999	34.7086	2.96763	5383.17	2.9677	0.00003
4.5000	34.6892	3.27391	5585.51	3.2739	-0.00002
15.0000	34.6470	4.25304	6187.33	4.2530	-0.00005
18.5000	34.6379	4.59725	6385.17	4.5973	0.00002
24.0000	34.6282	5.15373	6692.28	5.1538	0.00006
29.0000	34.6231	5.67423	6966.86	5.6742	-0.00003
32.5000	34.6205	6.04570	7155.67	6.0446	-0.00107

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