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: 2489
CALIBRATION DATE: 26-Jan-17

SBE 4 CONDUCTIVITY CALIBRATION DATA
PSS 1978: C(35,15,0) = 4.2914 Siemens/meter

COEFFICIENTS:

```
g =  -1.03309227e+001
h =   1.61574700e+000
i =  -2.20491139e-003
j =   2.62910330e-004

CPcor = -9.5700e-008 (nominal)
CTcor =  3.2500e-006 (nominal)
```

BATH TEMP (° C)	BATH SAL (PSU)	BATH COND (S/m)	INSTRUMENT OUTPUT (kHz)	INSTRUMENT COND (S/m)	RESIDUAL (S/m)
0.0000	0.0000	0.00000	2.53167	0.00000	0.00000
-1.0000	34.5610	2.78592	4.86848	2.78591	-0.00001
1.0000	34.5609	2.95621	4.97581	2.95622	0.00001
15.0000	34.5611	4.24361	5.72192	4.24359	-0.00001
18.5000	34.5602	4.58805	5.90548	4.58806	0.00002
29.0000	34.5586	5.66484	6.44530	5.66483	-0.00001
32.5001	34.5503	6.03484	6.62053	6.03484	0.00001

f = Instrument Output (kHz)

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