Sea-Bird GmbH

Sea-Bird GmbH
Postfach 1167
87401 Kempten
Germany

+49 831 9 60994 701
seabird.eu@seabird.com
www.seabird.com

SENSOR SERIAL NUMBER: 3598
CALIBRATION DATE: 17-Dec-20

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

COEFFICIENTS:

```
g =  -1.00120165e+001
h =   1.54521276e+000
i =  -2.45728926e-003
j =   2.79304007e-004

CPcor = -9.5700e-008 (nominal)
CTcor =  3.2500e-006 (nominal)
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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	2.54913	0.00000	0.00000
-1.0000	34.8757	2.80891	4.97419	2.80892	0.00001
1.0000	34.8727	2.98033	5.08480	2.98033	-0.00000
15.0000	34.8677	4.27725	5.85389	4.27723	-0.00002
18.5000	34.8609	4.62365	6.04264	4.62365	0.00001
29.0000	34.8342	5.70492	6.59676	5.70495	0.00003
32.5000	34.8140	6.07563	6.77615	6.07561	-0.00002

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