Sea-Bird Scientific
13431 NE 20th Street
Bellevue, WA 98005
USA

+1 425-643-9866
seabird@seabird.com
www.seabird.com

SENSOR SERIAL NUMBER: 50217
CALIBRATION DATE: 16-Jan-21

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

COEFFICIENTS:

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g = -1.011125e+000
h =  1.293530e-001
i = -1.318521e-004
j =  2.641540e-005

CPcor = -9.5700e-008
CTcor =  3.2500e-006
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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	2797.61	0.0000	0.00000
1.0000	34.6387	2.96223	5540.59	2.9622	-0.00000
4.4999	34.6190	3.26793	5749.04	3.2679	0.00001
15.0000	34.5782	4.24548	6369.18	4.2455	-0.00002
18.5000	34.5695	4.58915	6573.05	4.5892	0.00000
24.0000	34.5601	5.14471	6889.55	5.1447	0.00002
29.0000	34.5544	5.66423	7172.55	5.6642	-0.00001
32.5001	34.5461	6.03419	7367.48	6.0346	0.00040

f = Instrument Output (Hz) / 1000.0

t = temperature (°C); p = pressure (decibars); δ = CTcor; ε = CPcor;

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

Residual (Siemens/meter) = instrument conductivity - bath conductivity