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: 26-Jan-21

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

COEFFICIENTS:

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g = -1.010189e+000
h =  1.293621e-001
i = -1.926526e-004
j =  3.100126e-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	2797.67	0.0000	0.00000
1.0000	34.6561	2.96357	5544.88	2.9636	0.00001
4.4999	34.6365	3.26942	5753.58	3.2694	-0.00001
15.0000	34.5952	4.24735	6374.45	4.2473	-0.00001
18.5000	34.5868	4.59120	6578.55	4.5912	-0.00000
24.0000	34.5779	5.14707	6895.42	5.1471	0.00002
29.0000	34.5733	5.66698	7178.77	5.6670	-0.00001
32.5001	34.5709	6.03803	7374.03	6.0378	-0.00020

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