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

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

SENSOR SERIAL NUMBER: 7020
CALIBRATION DATE: 20-Dec-17

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

COEFFICIENTS:

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g = -9.815523e-001
h =  1.232415e-001
i = -3.193247e-004
j =  3.880128e-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	2828.95	0.0000	0.00000
1.0000	34.6858	2.96587	5672.49	2.9659	0.00001
4.5000	34.6652	3.27187	5887.59	3.2719	-0.00001
15.0000	34.6227	4.25037	6527.13	4.2504	0.00001
18.5000	34.6137	4.59438	6737.20	4.5944	-0.00001
24.0000	34.6037	5.15049	7063.22	5.1505	0.00001
29.0000	34.5982	5.67060	7354.62	5.6706	-0.00000
32.5000	34.5952	6.04178	7555.53	6.0419	0.00012

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