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

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

SENSOR SERIAL NUMBER: 6627
CALIBRATION DATE: 17-May-22

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

COEFFICIENTS:

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g = -1.034654e+000
h =  1.375243e-001
i = -2.281951e-004
j =  3.490268e-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	2746.52	0.0000	0.00000
0.9999	34.5872	2.95823	5392.56	2.9582	0.00000
4.4999	34.5672	3.26352	5594.30	3.2635	-0.00000
15.0000	34.5266	4.23982	6194.77	4.2398	-0.00000
18.4999	34.5181	4.58305	6392.22	4.5830	0.00000
23.9999	34.5089	5.13792	6698.82	5.1379	0.00000
29.0000	34.5043	5.65694	6973.09	5.6569	0.00000
32.5000	34.5017	6.02730	7162.19	6.0273	-0.00000

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