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

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

SENSOR SERIAL NUMBER: 3455
CALIBRATION DATE: 12-Jan-18

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

COEFFICIENTS:

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g =  -1.00854904e+001
h =   1.55882337e+000
i =  -1.53964843e-003
j =   2.08981321e-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	2.54570	0.00000	0.00000
-0.9999	34.6055	2.78918	4.93981	2.78915	-0.00003
1.0000	34.6057	2.95967	5.04943	2.95970	0.00003
15.0001	34.6056	4.24850	5.81093	4.24853	0.00003
18.5000	34.6045	4.59329	5.99815	4.59329	0.00000
29.0001	34.5943	5.67005	6.54810	5.66998	-0.00007
32.5001	34.5796	6.03938	6.72634	6.03942	0.00005

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