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

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

SENSOR SERIAL NUMBER: 1815
CALIBRATION DATE: 07-Apr-23

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

COEFFICIENTS:

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g =  -4.05062883e+000
h =   4.84267832e-001
i =   7.35408211e-004
j =   1.97847170e-007

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)
22.0000	0.0000	0.00000	2.88581	0.00000	0.00000
1.0000	34.4786	2.94983	8.27143	2.94983	-0.00000
4.5000	34.4592	3.25433	8.63632	3.25434	0.00000
15.0000	34.4185	4.22794	9.70984	4.22796	0.00002
18.5000	34.4100	4.57025	10.05952	4.57023	-0.00002
24.0000	34.4003	5.12354	10.59993	5.12354	0.00000
29.0000	34.3932	5.64076	11.08077	5.64077	0.00000
32.5000	34.3858	6.00935	11.41035	6.00887	-0.00048

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