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SENSOR SERIAL NUMBER: 0653
CALIBRATION DATE: 26-Feb-20

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

COEFFICIENTS:

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g =  -8.04266953e+000
h =   9.21847279e-001
i =   1.77669309e-002
j =  -8.25707120e-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)
22.0000	0.0000	0.00000	2.88509	0.00000	0.00000
0.9999	34.8205	2.97628	6.14904	2.97632	0.00004
4.4999	34.8008	3.28340	6.38822	3.28335	-0.00005
15.0000	34.7601	4.26545	7.09780	4.26541	-0.00003
18.4999	34.7518	4.61073	7.33064	4.61077	0.00004
24.0000	34.7423	5.16883	7.69181	5.16885	0.00001
29.0000	34.7348	5.69047	8.01455	5.69046	-0.00001
32.5000	34.7284	6.06239	8.23518	6.05941	-0.00298

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