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SENSOR SERIAL NUMBER: 0655
CALIBRATION DATE: 20-Jan-21

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

COEFFICIENTS:

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g =  -3.85670395e+000
h =   4.60773881e-001
i =   8.92227465e-004
j =  -9.26721535e-006

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	2.88530	0.00000	0.00000
1.0000	34.7316	2.96941	8.46994	2.96935	-0.00006
4.5000	34.7115	3.27581	8.84586	3.27588	0.00008
15.0001	34.6694	4.25551	9.95087	4.25553	0.00002
18.5000	34.6608	4.59996	10.31074	4.59993	-0.00004
24.0000	34.6520	5.15688	10.86700	5.15687	-0.00002
29.0000	34.6473	5.67775	11.36217	5.67776	0.00002
32.5000	34.6447	6.04944	11.70256	6.04959	0.00015

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