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SENSOR SERIAL NUMBER: 0655
CALIBRATION DATE: 06-Oct-17

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

COEFFICIENTS:

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g =  -3.85185340e+000
h =   4.59697416e-001
i =   1.09731198e-003
j =  -2.10913994e-005

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	34.8770	2.98066	8.48515	2.98063	-0.00003
4.5000	34.8573	3.28821	8.86187	3.28825	0.00004
14.9999	34.8151	4.27147	9.96950	4.27147	0.00000
18.5000	34.8059	4.61714	10.33027	4.61712	-0.00002
23.9999	34.7975	5.17613	10.88781	5.17586	-0.00027
29.0000	34.7888	5.69832	11.38411	5.69833	0.00001
32.4999	34.7841	6.07100	11.72508	6.07100	-0.00000

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