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SENSOR SERIAL NUMBER: 0655
CALIBRATION DATE: 02-Aug-17

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

COEFFICIENTS:

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g =  -4.08900142e+000
h =   4.86554361e-001
i =  -1.11961582e-003
j =   9.54086452e-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	2.90629	0.00000	0.00000
1.0000	34.7102	2.96776	8.35361	2.96760	-0.00016
4.5000	34.6902	3.27400	8.72308	3.27427	0.00027
15.0000	34.6467	4.25300	9.80679	4.25289	-0.00011
18.4999	34.6378	4.59723	10.15959	4.59714	-0.00008
23.9999	34.6282	5.15372	10.70430	5.15367	-0.00005
28.9999	34.6229	5.67419	11.18889	5.67450	0.00032
32.5000	34.6198	6.04559	11.52088	6.04541	-0.00018

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