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SENSOR SERIAL NUMBER: 3364
CALIBRATION DATE: 20-Mar-20

SBE 21 CONDUCTIVITY CALIBRATION DATA
PSS 1978: C(35,15,0) = 4.2914 Siemens/meter

COEFFICIENTS:

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g =  -4.03406162e+000
h =   4.74803994e-001
i =   2.85534746e-005
j =   2.38363126e-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	2.91396	0.00000	0.00000
1.0000	34.7340	2.96960	8.41140	2.96953	-0.00007
4.5000	34.7146	3.27607	8.78397	3.27617	0.00010
15.0000	34.6737	4.25597	9.87926	4.25592	-0.00005
18.5000	34.6652	4.60048	10.23610	4.60044	-0.00004
24.0000	34.6555	5.15734	10.78760	5.15746	0.00011
29.0000	34.6483	5.67789	11.27790	5.67780	-0.00009
32.5000	34.6414	6.04893	11.61469	6.04896	0.00003

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