

Date: 07/03/2012 R/V Knorr Cruise# kn207-03 Dr. Kay Bidle

Instrument configuration file: C:\Data\ctd\kn207_03_ctd484.con

Configuration report for SBE 911plus/917plus CTD

Frequency channels suppressed : 0
Voltage words suppressed : 0
Computer interface : RS-232C
Deck unit : SBE11plus Firmware Version >= 5.0
Scans to average : 1
NMEA position data added : Yes
NMEA depth data added : No
NMEA time added : No
NMEA device connected to : deck unit
Surface PAR voltage added : Yes
Scan time added : Yes

1) Frequency 0, Temperature

Serial number : 4406
Calibrated on : 14-Feb-12
G : 4.33630903e-003
H : 6.36463726e-004
I : 2.06290680e-005
J : 1.71729728e-006
F0 : 1000.000
Slope : 1.00000000
Offset : 0.0000

2) Frequency 1, Conductivity

Serial number : 1474
Calibrated on : 14-Feb-12
G : -4.21351634e+000
H : 5.39243337e-001
I : -2.08827162e-004
J : 3.95099976e-005
CTcor : 3.2500e-006
CPcor : -9.57000000e-008
Slope : 1.00000000
Offset : 0.00000

3) Frequency 2, Pressure, Digiquartz with TC

Serial number : 69685 in 090484 vertical orientation
Calibrated on : 12/18/2002
C1 : -4.680530e+004
C2 : -8.320595e-001
C3 : 1.450810e-002
D1 : 3.903100e-002

D2 : 0.000000e+000
T1 : 3.038361e+001
T2 : -5.411459e-004
T3 : 4.085080e-006
T4 : 2.564540e-009
T5 : 0.000000e+000
Slope : 0.99995000
Offset : 0.00000
AD590M : 1.280820e-002
AD590B : -9.210198e+000

4) Frequency 3, Temperature, 2

Serial number : 2271
Calibrated on : 14-Feb-12
G : 4.33365550e-003
H : 6.41046238e-004
I : 2.31654312e-005
J : 2.15092946e-006
F0 : 1000.000
Slope : 1.00000000
Offset : 0.0000

5) Frequency 4, Conductivity, 2

Serial number : 2707
Calibrated on : 14-Feb-12
G : -1.07258216e+001
H : 1.55968861e+000
I : -1.50749109e-003
J : 2.09512327e-004
CTcor : 3.2500e-006
CPcor : -9.57000000e-008
Slope : 1.00000000
Offset : 0.00000

6) A/D voltage 0, Fluorometer, WET Labs ECO-AFL/FL

Serial number : FLNTURTD-1013
Calibrated on : april 18, 2008
Dark output : 0.0800
Scale factor : 6.00000000e+000

7) A/D voltage 1, User Polynomial

Serial number : FLNTURTD-1013
Calibrated on : april 18, 2008
Sensor name : turbidity
A0 : 0.15800000
A1 : 2.00000000
A2 : 0.00000000
A3 : 0.00000000

8) A/D voltage 2, PAR/Irradiance, Biospherical/Licor

Serial number : 4550
Calibrated on : 13-Mar-2008
M : 1.00000000
B : 0.00000000
Calibration constant : 77519400000.00000000
Multiplier : 1.00000000
Offset : -0.01906000

9) A/D voltage 3, Transmissometer, Chelsea/Seatech

Serial number : CST-1117DR
Calibrated on : 05-Aug-2011
M : 21.0530
B : -0.1537
Path length : 0.250

10) A/D voltage 4, Altimeter

Serial number : 1133
Calibrated on :
Scale factor : 14.950
Offset : 0.200

11) A/D voltage 5, Oxygen, SBE 43

Serial number : 0723
Calibrated on : 11-Feb-12
Equation : Sea-Bird
Soc : 5.52810e-001
Offset : -5.12500e-001
A : -2.47810e-003
B : 9.21480e-005
C : -1.84260e-006
E : 3.60000e-002
Tau20 : 1.33000e+000
D1 : 1.92634e-004
D2 : -4.64803e-002
H1 : -3.30000e-002
H2 : 5.00000e+003
H3 : 1.45000e+003

12) A/D voltage 6, User Polynomial, 2

Serial number : SUNA
Calibrated on : N/A
Sensor name : SUNA Nitrate
A0 : 0.30000000
A1 : 5.00000000
A2 : 0.00000000
A3 : 0.00000000

13) A/D voltage 7, Free

14) SPAR voltage, Unavailable

15) SPAR voltage, SPAR/Surface Irradiance

Serial number : 6294

Calibrated on : 2008-03-13

Conversion factor : 1826.90000000

Ratio multiplier : 1.00000000

Scan length : 44