

Latitude: **1°27.192655 'N**
Longitude: **43°45.875280 'W**

Date/Time: **11/09/2017 18:25:17**
Height: **-1.33 m**

Course: **123.3°**
Speed: **10.03 kts**

Menu

C-Nav3050 on 3050:14959
Port Configuration

► Next Device

Main Menu

Output on Port 5 >

Output Settings

Output Messages

◀ Prev

► Next

C-Nav3050
3050:14959
Quality Panel

Freq
Dual

Mode
AUTO 3D

Corr
C2-SF2

Diff Age
4

F-Test
Pass

FOM
0.05

SVS
15/22

SNR
20.8

VDOP
1.2

PDOP
1.4

Net
Net-2

HDOP
0.6

◀ Prev

► Next

Take Fix

Logging

Screenshot

Alarms

Latitude: **1°27.839375 'N**
Longitude: **43°46.746845 'W**

Date/Time: **11/09/2017 18:18:22**
Height: **-1.22 m**

Course: **117.6°**
Speed: **9.08 kts**

Menu

MOXA
Output Messages

► Next Device

```
$GPZDA,181818.00,09,11,2017,00,00*62
$GPVTG,124.5,T,M,10.47,N,19.39,K,D*0A
$GPGGA,181818.00,0127.84441,N,04346.75578,W,2,14,0.6,25.49,M,-26.48,M,5.0,0.0446*41
$GPGST,181818.00,0.2346,0.0457,0.0307,285.1434,0.0319,0.0449,0.0992*62
$GPZDA,181819.00,09,11,2017,00,00*63
$GPVTG,123.7,T,M,9.97,N,18.46,K,D*33
$GPGGA,181819.00,0127.84287,N,04346.75348,W,2,14,0.6,24.90,M,-26.48,M,6.0,0.0446*4F
$GPGST,181819.00,0.3306,0.0458,0.0306,285.0646,0.0319,0.0449,0.0995*69
$GPZDA,181820.00,09,11,2017,00,00*69
$GPVTG,118.4,T,M,9.13,N,16.91,K,D*30
$GPGGA,181820.00,0127.84165,N,04346.75125,W,2,14,0.6,24.59,M,-26.48,M,4.0,0.0446*44
$GPGST,181820.00,0.3261,0.0457,0.0304,284.7803,0.0317,0.0449,0.0992*6E
$GPZDA,181821.00,09,11,2017,00,00*68
$GPVTG,116.7,T,M,8.74,N,16.19,K,D*3D
$GPGGA,181821.00,0127.84055,N,04346.74908,W,2,14,0.6,24.77,M,-26.48,M,4.0,0.0446*4D
$GPGST,181821.00,0.2641,0.0456,0.0307,285.2654,0.0319,0.0447,0.0982*63
$GPZDA,181822.00,09,11,2017,00,00*6B
$GPVTG,117.6,T,M,9.08,N,16.82,K,D*35
$GPGGA,181822.00,0127.83938,N,04346.74685,W,2,14,0.6,25.25,M,-26.48,M,5.0,0.0446*46
$GPGST,181822.00,0.3299,0.0458,0.0307,285.1357,0.0319,0.0449,0.0995*63
```

Stop Updating

Settings

◀ Prev

► Next

C-Nav3050

3050:14959

Quality Panel

Freq
Dual

Mode
AUTO 3D

Corr
C2-SF2

Diff Age
5

F-Test
Pass

FOM
0.06

SVS
14/23

SNR
20.5

VDOP
1.3

PDOP
1.4

Net
Net-2

HDOP
0.6

◀ Prev

► Next

Take Fix

Logging

Screenshot

Alarms

Latitude: **1°27.852834'N**
Longitude: **43°46.769493'W**

Date/Time: **11/09/2017 18:18:12**
Height: **-1.02 m**

Course: **121.4°**
Speed: **10.01 kts**

Menu

MOXA Output Settings

► Next Device

Output Configuration

Input Device: C-Nav3050 on 3050:14959 C-Nav3050 on 3050:14959

Standard NMEA: **4 Enabled** Settings MBRTK-Related: **Disabled** Settings

Proprietary C-Nav: **Disabled** Settings Raw Device Message: **Disabled** Settings

Dynamic Position GGA: **Disabled** Settings Other Output: **Disabled** Settings

Standard NMEA Output

NMEA Version:	3.01	3.01	Output DTM:	No	No	Output GSV:	No	No
Strict NMEA:	Yes	Yes	Output GGA:	Yes	Yes	Output HDT:	No	No
Force Talker ID:	GP	GP	Output GLL:	No	No	Output RMC:	No	No
GGA Ref ID:	Std NMEA	Std NMEA	Output GSA:	No	No	Output VTG:	Yes	Yes
			Output GST:	Yes	Yes	Output ZDA:	Yes	Yes

🔄 Reset

✓ Apply

◀ Prev

► Next

C-Nav3050

3050:14959

Quality Panel

Freq
Dual

Mode
AUTO 3D

Corr
C2-SF2

Diff Age
4

F-Test
Pass

FOM
0.05

SVS
14/23

SNR
20.6

VDOP
1.3

PDOP
1.4

Net
Net-2

HDOP
0.6

◀ Prev

► Next

Take Fix

Logging

Screenshot

Alarms

Latitude: **1°27.174929 'N**
Longitude: **43°45.852552 'W**

Date/Time: **11/09/2017 18:25:28**
Height: **-1.04 m**

Course: **127.5°**
Speed: **10.07 kts**

Menu

C-Nav3050 on 3050:14959
Port Configuration

► Next Device

Main Menu

Output on Port 3 >

Output Settings

Output Messages

◀ Prev

► Next

C-Nav3050
3050:14959

Quality Panel

Freq
Dual

Mode
AUTO 3D

Corr
C2-SF2

Diff Age
4

F-Test
Pass

FOM
0.05

SVS
15/22

SNR
20.9

VDOP
1.2

PDOP
1.4

Net
Net-2

HDOP
0.6

◀ Prev

► Next

Take Fix

Logging

Screenshot

Alarms

Latitude: **1°27.676755 'N**
Longitude: **43°46.503275 'W**

Date/Time: **11/09/2017 18:20:13**
Height: **-0.70 m**

Course: **133.4°**
Speed: **9.28 kts**

Menu

SSSG PHINS SONARDYNE MULT
Output Messages

► Next Device

```
$GPZDA,182011.00,09,11,2017,00,00*60
$GPVTG,130.8,T,,M,8.55,N,15.83,K*5D
$GPGGA,182011.00,0127.67995,N,04346.50670,W,2,14,0.6,24.73,M,-26.47,M,6.0,0.446*42
$GPGST,182011.00,0.2145,0.0462,0.0307,285.9625,0.0321,0.0452,0.0988*67
$GPZDA,182012.00,09,11,2017,00,00*63
$GPVTG,132.2,T,,M,7.55,N,13.98,K*56
$GPGGA,182012.00,0127.67854,N,04346.50515,W,2,14,0.6,25.31,M,-26.47,M,4.0,0.446*48
$GPGST,182012.00,0.1852,0.0462,0.0307,286.0937,0.0322,0.0452,0.0988*6D
$GPZDA,182013.00,09,11,2017,00,00*62
$GPVTG,133.4,T,,M,9.28,N,17.19,K*58
$GPGGA,182013.00,0127.67676,N,04346.50328,W,2,15,0.6,25.77,M,-26.47,M,4.0,0.446*4C
$GPGST,182013.00,0.2077,0.0460,0.0307,286.1474,0.0322,0.0450,0.0978*64
```

Stop Updating

Settings

◀ Prev

► Next

C-Nav3050

3050:14959

Quality Panel

Freq
Dual

Mode
AUTO 3D

Corr
C2-SF2

Diff Age
4

F-Test
Pass

FOM
0.06

SVS
15/23

SNR
21.5

VDOP
1.2

PDOP
1.4

Net
Net-2

HDOP
0.6

◀ Prev

► Next

Take Fix

Logging

Screenshot

Alarms

Latitude: **1°27.685628'N**
Longitude: **43°46.512840'W**

Date/Time: **11/09/2017 18:20:08**
Height: **-0.64 m**

Course: **137.4°**
Speed: **9.42 kts**

Menu

SSSG PHINS SONARDYNE MULT Output Settings

► Next Device

Output Configuration

Input Device: C-Nav3050 on 3050:14959 C-Nav3050 on 3050:14959 ▼

Standard NMEA: 4 Enabled Settings MBRTK-Related: Disabled Settings

Proprietary C-Nav: Disabled Settings Raw Device Message: Disabled Settings

Dynamic Position GGA: Disabled Settings Other Output: Disabled Settings

Standard NMEA Output

NMEA Version:	2.1 2.1 ▼	Output DTM:	No No ▼	Output GSV:	No No ▼
Strict NMEA:	Yes Yes ▼	Output GGA:	Yes Yes ▼	Output HDT:	No No ▼
Force Talker ID:	GP GP ▼	Output GLL:	No No ▼	Output RMC:	No No ▼
GGA Ref ID:	Std NMEA Std NMEA ▼	Output GSA:	No No ▼	Output VTG:	Yes Yes ▼
		Output GST:	Yes Yes ▼	Output ZDA:	Yes Yes ▼

🔄 Reset

✓ Apply

◀ Prev

► Next

C-Nav3050

3050:14959

Quality Panel

Freq
Dual

Mode
AUTO 3D

Corr
C2-SF2

Diff Age
4

F-Test
Pass

FOM
0.06

SVS
14/23

SNR
21.7

VDOP
1.3

PDOP
1.4

Net
Net-2

HDOP
0.6

◀ Prev

► Next

Take Fix

Logging

Screenshot

Alarms

Latitude: **1°27.182817'N**
Longitude: **43°45.862848'W**

Date/Time: **11/09/2017 18:25:23**
Height: **-1.05 m**

Course: **128.6°**
Speed: **10.74 kts**

Menu

C-Nav3050 on 3050:14959
Port Configuration

► Next Device

Main Menu

Output on Port 4 >

Output Settings

Output Messages

◀ Prev

► Next

C-Nav3050
3050:14959
Quality Panel

Freq
Dual

Mode
AUTO 3D

Corr
C2-SF2

Diff Age
6

F-Test
Pass

FOM
0.05

SVS
15/22

SNR
20.9

VDOP
1.2

PDOP
1.4

Net
Net-2

HDOP
0.6

◀ Prev

► Next

Take Fix

Logging

Screenshot

Alarms

Latitude: **1°27.768849'N**
Longitude: **43°46.635227'W**

Date/Time: **11/09/2017 18:19:12**
Height: **-0.93 m**

Course: **124.0°**
Speed: **10.18 kts**

Menu

VP-14 FEED
Output Messages

► Next Device

```
$GPRMC,181910.00,A,0127.77196,N,04346.63968,W,8.95,122.7,091117,,,D*79
$GPVTG,122.7,T,,M,8.95,N,16.58,K,D*30
$GPGGA,181910.00,0127.77196,N,04346.63968,W,2,13,0.7,25.23,M,-26.47,M,5.0,0.446*44
$GPGST,181910.00,0.1599,0.0459,0.0303,283.8557,0.0314,0.0452,0.0962*65
$GPRMC,181911.00,A,0127.77044,N,04346.63757,W,9.36,125.6,091117,,,D*7A
$GPVTG,125.6,T,,M,9.36,N,17.33,K,D*32
$GPGGA,181911.00,0127.77044,N,04346.63757,W,2,13,0.7,25.62,M,-26.47,M,6.0,0.446*4F
$GPGST,181911.00,0.2208,0.0462,0.0306,284.2980,0.0318,0.0454,0.0975*62
$GPRMC,181912.00,A,0127.76885,N,04346.63523,W,10.18,124.0,091117,,,D*4F
$GPVTG,124.0,T,,M,10.18,N,18.86,K,D*00
$GPGGA,181912.00,0127.76885,N,04346.63523,W,2,13,0.7,25.54,M,-26.47,M,4.0,0.446*4E
$GPGST,181912.00,0.2252,0.0461,0.0307,284.5036,0.0319,0.0453,0.0973*6F
$GPRMC,181913.00,A,0127.76737,N,04346.63275,W,10.41,120.7,091117,,,D*43
$GPVTG,120.7,T,,M,10.41,N,19.28,K,D*0A
$GPGGA,181913.00,0127.76737,N,04346.63275,W,2,13,0.7,25.03,M,-26.47,M,4.0,0.446*4F
$GPGST,181913.00,0.2419,0.0462,0.0306,284.2626,0.0318,0.0454,0.0966*67
```

Stop Updating

Settings

◀ Prev

► Next

C-Nav3050
3050:14959

Quality Panel

Freq
Dual

Mode
AUTO 3D

Corr
C2-SF2

Diff Age
4

F-Test
Pass

FOM
0.06

SVS
13/23

SNR
20.7

VDOP
1.3

PDOP
1.5

Net
Net-2

HDOP
0.7

◀ Prev

► Next

Take Fix

Logging

Screenshot

Alarms

Latitude: **1°27.803667'N**
Longitude: **43°46.690394'W**

Date/Time: **11/09/2017 18:18:47**
Height: **-1.17 m**

Course: **125.0°**
Speed: **10.27 kts**

Menu

VP-14 FEED Output Settings

► Next Device

Output Configuration

Input Device: C-Nav3050 on 3050:14959 C-Nav3050 on 3050:14959

Standard NMEA: 4 Enabled Settings MBRTK-Related: Disabled Settings

Proprietary C-Nav: Disabled Settings Raw Device Message: Disabled Settings

Dynamic Position GGA: Disabled Settings Other Output: Disabled Settings

Standard NMEA Output

NMEA Version:	3.01	3.01	Output DTM:	No	No	Output GSV:	No	No
Strict NMEA:	Yes	Yes	Output GGA:	Yes	Yes	Output HDT:	No	No
Force Talker ID:	GP	GP	Output GLL:	No	No	Output RMC:	Yes	Yes
GGA Ref ID:	Std NMEA	Std NMEA	Output GSA:	No	No	Output VTG:	Yes	Yes
			Output GST:	Yes	Yes	Output ZDA:	No	No

🔄 Reset

✓ Apply

◀ Prev

► Next

C-Nav3050

3050:14959

Quality Panel

Freq
Dual

Mode
AUTO 3D

Corr
C2-SF2

Diff Age
6

F-Test
Pass

FOM
0.06

SVS
14/23

SNR
21.0

VDOP
1.3

PDOP
1.4

Net
Net-2

HDOP
0.6

◀ Prev

► Next

Take Fix

Logging

Screenshot

Alarms