



GPS

Enabled: YES
Connection ID: "gps"
NMEA source: Serial NMEA
Port: /dev/ttyOP_gps
9600 baud
o/p events:
Suppress nmea0183 event: NO
i/p event:
Validate checksum: NO
Append Checksum: NO
Remove null chars:NO
Ignored sentences:

VHF Radio

Enabled: YES
Connection ID: "vhfradio"
NMEA source: Serial NMEA
Port: /dev/ttyOP_vhfradio
4800 baud
o/p events: "OUT_to_vhfradio"
Suppress nmea0183 event: **YES**
i/p event:
Validate checksum: NO
Append Checksum: NO
Remove null chars:NO
Ignored sentences:



AIS

Enabled: YES
Connection ID: "ais"
NMEA source: Serial NMEA
Port: /dev/ttyOP_ais
38400 baud
o/p events:
Suppress nmea0183 event: YES
i/p event: ""
Validate checksum: NO
Append Checksum: NO
Remove null chars:NO
Ignored sentences:

Seataalk Bus & Autopilot

Enabled: YES
Connection ID: "seataalk"
NMEA source: Serial NMEA
Port: /dev/ttyOP_seataalk
4800 baud
o/p events:"OUT_to_seataalk"
Suppress nmea0183 event: NO
i/p event: "IN_from_seataalk"
Validate checksum: NO
Append Checksum: NO
Remove null chars:NO
Ignored sentences:



SeaTalk 1



Navman GPS Plotter

Enabled:NO (backup GPS)
Connection ID: "navman_plotter"
NMEA source: Serial NMEA
Port: /dev/ttyOP_navman
9600 baud
o/p events:
Suppress nmea0183 event: NO
i/p event: IN_from_navmangps
Validate checksum: NO
Append Checksum: NO
Remove null chars:NO
Ignored sentences:

OpenCPN SK Connection

Enabled: YES
Connection ID: "opencpn"
NMEA source: UDP
Port: 3000
o/p events:""
Suppress nmea0183 event: NO
i/p event: ""
Validate checksum: NO
Append Checksum: NO
Remove null chars:NO
Ignored sentences:

Signal-K Plugins

Forward & Filter NMEA

i/p "nmea0183"
o/p "OUT_to_seataalk"
Send APB,RMB,RMC,XTE

i/p "IN_from_seataalk"
o/p "nmea0183"
Send
ACK,DBK,DBS,DBT,DPT,HDG,HDM
MTW,MWD,MWV,RSA

i/p "nmea0183"
o/p "OUT_to_vhfradio"
Send RMC

Derived Data

Calculate TWA,TWD

Signal-K

NMEA
0183

OpenCPN Connections

Connection 1... Input
TCP: localhost
Port: 10110
Control checksum:
Recv i/p on this port: YES
o/p on this port:NO
Accept only:
RMC,GSV,GGA,AIVO,AIVDM

Connection 2... Output
UDP localhost
Port: 3000
Control checksum:
Recv i/p on this port: NO
o/p on this port:NO
Transmit: RMB,APB,XTE