

## Known issues with the current stable release.

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### Bugs in 3.0.0 fixed in 3.0.2

Go to the [Tracker](#) to see all reported bugs in 3.0.2.

### General

Toolbar->Etc -> Show Layers initially. Basically nothing happens ticking this box.

Visibility is handled through the Route Managers Layers tab. Use "Show on Chart" / "Hide from Chart" buttons or by clicking just to the left of the Layer description. An "eye" is toggled.

### Windows

Note that 3.0.X requires XP to be upgraded to SP3.

### Linux

#### Installing on Ubuntu

If it is possible for you to update to 12.04, just do it!

Installing on 12.04 is straight forward. You may see a warning that the package is bad, because the maintainers address is missing. Just ignore the message and proceed.

~~Older \*Ubuntu have issues with **tinymce** and **gpsd**. If your installation complains about missing libtinymce, try to download~~

~~\*[libtinymce2.6.2-2.6.2-1\\_i386.deb](#)~~

(above should be fixed in 3.0.2)

Avoid this by downloading from [launchpad.net/~opencpn/+archive/opencpn/+packages](http://launchpad.net/~opencpn/+archive/opencpn/+packages).

Find the package that suits you.

**The launchpad site can also be used as a repository**, and let OpenCPN be downloaded and updated the mainstream Ubuntu way.

Add repositories in, for example, Synaptic, like this:

10.04

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- Add the following Software Sources: PPA from <https://launchpad.net/~opencpn/+archive/opencpn>, universe, lucid-backports
- In Synaptic, reload the software sources as it suggests, search for and install opencpn
- No need to install anything manually

11.04

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- Add the following Software Sources: PPA from <https://launchpad.net/~opencpn/+archive/opencpn>, multiverse, universe, natty-backports
- In Synaptic, reload the software sources as it suggests, search for and install opencpn
- No need to install anything manually

**Gpsd** will probably not work for \*Ubuntu older than 12.04, presently.

On legacy \*Ubuntu you will probably see the warning "gps.h version skew", and the installation will proceed, but gpsd will not work, even if the user's system has libgps19 available. The OpenCPN code requires libgps20, which is not available for older \*Ubuntu (at least not now)  
(above should be fixed in 3.0.2)

**Who needs gpsd?** You only need gpsd if you run multiple applications that needs the data from the gps. If you only use gps data for OpenCPN, use the direct connection mode. Instructions are available here: [Setting up gps](#).

### Compiling on Ubuntu

All system should apply this patch: [gtk.patch.tar.gz](#)

The patch boils down to changing CMakeLists.txt, just before compiling:

Find the line IF (NOT WIN32 AND NOT APPLE)

and replace the 3 lines before ENDIF with a single line:

```
ADD_DEFINITIONS("`pkg-config --cflags --libs gtk+ 2.0`")
```

(above should be fixed in 3.0.2)

The libtinyxml-dev package, will be necessary for building on 11.10 and earlier, if one wants to use the tinyxml.so library. Otherwise, the embedded tinyxml is used.

Use this package for 11.10 and older.

`*ocpn/sites/default/files/download/libtinyxml-dev_2.6.2-1build1_i386.deb`

## Sound on Linux

If you have a problem with **sound on a Linux Ubuntu installation**, go back and read [opencpn.org/ocpn/installing\\_opencpn](http://opencpn.org/ocpn/installing_opencpn).

It boils down to this:

The real problem is that the wx packages in Ubuntu are not compiled with support for the "Simple DirectMedia Layer". OpenCPN uses SDL when, the legacy OSS, is not available.

**1** Install libSDL by this command

```
$sudo apt-get install libSDL1.2debian
```

**2** Install a version of libwxgtk2.8-0 that is compiled with support for sdl.

Such versions are available from <http://apt.wxwidgets.org>.

Download the correct package for your version of debian or Ubuntu and

```
$sudo dpkg -i libwxgtk2.8XXXXXX (the proper name of the downloaded version)
```

or, follow these instructions: [wiki.wxpython.org/InstallingOnUbuntuOrDebian](http://wiki.wxpython.org/InstallingOnUbuntuOrDebian), to add apt.wxwidgets.org as a source for packages.

Sound features, such as anchor alarm and AIS alarms, should now work as expected with the installed 3.0 version of OpenCPN.

## Bugs fixed in 3.0.2

1. Correct definitions for libgps19 build environment.

2. Correct linux library linkage rules, adding libgtk+-2.0.

3. Correct single rotated chart rendering in OpenGL.
4. Correct plugin API 1.08 message broadcasting
5. Correct Dashboard PlugIn UTC time reporting
6. Correct High zoom (Polyconic) region intersection calculation (FS#826)
7. Correct ENC Update logic for the case with all cells and updates in one directory.
8. Change default Toolbox->Charts directory to Home location (FS#824)
9. Correct to remove PlugIn tool on Plugin disable. (FS#828)
10. Correct GRIB plugin tool logic (FS#828)
11. Correct AIS VDO ownship heading logic (FS#819)
12. Correct Windows chart canvas mouse capture logic.
13. Implement Red overlay on chartbar rollover for OpenGL (FS#827)
14. Correct Toolbar tooltip behavior for inactive application, Windows. (FS#820)
15. Correct lost chartbar on config file downgrade from 3.1 to 3.0 (FS#829)
16. Update Windows installer language files
17. Handle broken depth range attributes (DRVAL1 but no DRVAL2)
18. Correct frame initial sizing logic
19. Correct initial toolbar position logic.
20. Correct High zoom region intersection calculation, again.
21. Complete Turkish for the installer + little FR installer translation. Pavel
22. Improve memory management logic. (FS#833)
23. Correct handling of unknown RNC projections.
24. Update documentation. Thanks, Thomas.
25. Allow PlugIns to insert Separator in context menu (FS#839)

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OpenCPN is open source software