



# Shearwater Desktop 3.1.5 Release Notes

DocRev: A

Date: 2017-09-11

## Release Notes Shearwater Desktop 3.1.5

### New Features/Improvements:

- Support for NERD 2.

## Previous Release Notes

### Version 3.1.4

#### New Features/Improvements:

- Improved Bluetooth Reliability with the initial connection.

#### Bug Notes:

- Added software workaround to allow users with Windows 10 creators update to connect with **Bluetooth Low Energy**
- Fixed a bug that can cause frequent BT INIT FAIL's on Mac's
- Version 44 ISC Dive Computers can now connect as normal
- Rebreather controllers now connect more reliably
- Perdix owners no longer have to select "Petrel 1 & 2" to ensure a connection



# Shearwater Desktop 3.1.5 Release Notes

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## Version 3.1.3

### **New Features/Improvements:**

- New: "Compatibility Mode" allows users to connect without using additional features, this will improve the connection with some older Dive Computers.
- Improved the Bluetooth scanning process.

### **Bug Notes:**

- Added in support to fix some cases of BT INIT FAILS.

## Version 3.1.1

### **New Features/Improvements:**

- Windows UI now merges both Perdix and Perdix AI connection protocols.
- Added tooltip to help distinguish between protocols for Perdix for Macs.

### **Bug Notes:**

- SLIP RX issue is still prominent in Mac's. This is being addressed in future Firmware updates.

## Version 3.1.0:

### **New Features/Improvements:**

- Improved Bluetooth connection on Windows 10

\*\*\*Important notice for Mac Users: Upgrading from Shearwater Desktop 3.0.8 to 3.1.0 will not cause issues. Upgrading from any 2.X.X to any 3.X.X will cause the installer to break. Please follow the instructions outlined here if you are on Mac:

<https://www.shearwater.com/troubleshooting/shearwater-desktop-3-0-8-certificate-issues/>

Click [here](#) to go to our Shearwater Desktop Download page.

### **Bug Fixes:**



## Shearwater Desktop 3.1.5 Release Notes

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- Fixed issue with Firmware update on Windows 10 and Mac
- Fixed Start-up image bug.
- The new Perdix AI protocol could cause issues with rebreathers, this has been adjusted accordingly to allow rebreathers to connect again properly.
- Fixed Auto-Update Time feature toggle would not remember the appropriate settings.

### **Changes in Version 3.0.8:**

#### **New Features/Improvements:**

Due to the new connection protocols in the Perdix AI, we have added a Dive Computer selection menu when you attempt a connection.

Graph now displays AI features such as Tank pressure and Gas time.

**\*\*\*Important notice, Perdix AI uses Bluetooth LE, this is only available on Windows 8 and above.**

**\*\*\*Important notice for Windows 8 and 8.1 users connecting your Perdix AI unit:**

Perdix AI units need to be manually paired first to your computer in order to connect on Windows 8.1. Please perform the following steps to manually connect to your computer:

1. Press the Start button on your keyboard. (Looks like the Windows Logo)
2. Type: "Bluetooth Settings"
3. Click on the Icon with the same name.
4. Remove any Shearwater Dive Computers on this list.
5. On your Perdix AI, go to the option "Start Bluetooth" and select it.
6. You will see a new "Perdix" unit appear. Select "Pair" for that device.
7. Once it is finished installing, you are good to connect in Shearwater Desktop.

#### **Installing on Mac Sierra:**

Please read the following article for instructions on installing the latest Shearwater Desktop:

<https://www.shearwater.com/troubleshooting/shearwater-desktop-3-0-8-certificate-issues/>

#### **Version 2.5.3:**



# Shearwater Desktop 3.1.5 Release Notes

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## **New Features/Improvements:**

- Date Format is now available under Edit->Date Format
- Windows installer now has the option to create a Desktop Shortcut Icon

## **Bug Fixes:**

- Fixed issue with short dives causing the uploading process to abort
- Added in prompt for .NET 3.5 framework install to improve compatibility with Windows 10

## **Version 2.5.2:**

- Support for Perdix

## **Version 2.5.1:**

### **New Features/Improvements:**

- Order Preferences are now saved between sessions for dive rows

### **UI Improvements:**

- Added blue colour scheme back Dive Details sidebar
- Added the 3 other tabs back to Dive Details sidebar
- The graph header now displays what Dive Type you started and ended with

### **Bug Fixes:**

- Dive Type is now properly displayed as (OC,CC or SC)
- View preferences are now properly saved between sessions.
- Fixed issue with Temperature always displayed on the dive graph tooltip

## **Version 2.5.0:**



# Shearwater Desktop 3.1.5 Release Notes

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## New Features/Improvements:

Multiple select - You can now select multiple dives with ctrl or shift + click. This allows new interactions:

- Mass delete multiple dives
- Mass print a bunch of dives
- Export a set of dives at a time
- Edit the dive details of more than one dive at a time – Easy to add a location to a set of dives!

## Export Revamp:

- DAN export now works. This has been tested with a number of online diving logs.
- CSV exports now have additional header information.

## Improved Dive Statistics:

- Surface interval
- Dive Type (OC,CC,SC)
- Longest dive, shortest dive, total dive time for multiple dive logs

## Dive Graph Improvements:

- Zoom into a dive via mouse scroll
- Pan via scrollbar
- Pan via Mouse drag
- Visual improvements to gasses display
- CNS graph for Petrels and above
- Massive redesign of hover over information
- Lines are bold when moused over.

## Auto Update Time:

- Petrel, Nerd and recent Predator can now auto update the time when connecting to SW Desktop. (switchable via menu item)

## UI Improvements:

- Entire UI can now be switched between metric and imperial.
- Dive list has removable columns (in the View menu)
- Refreshed user interface design/Color scheme
- Rearranged Dive Details sidebar



## Shearwater Desktop 3.1.5 Release Notes

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### Selective Dive Downloader improvements:

- Per dive progress
- Per dive error messages
- Download will no longer halt on first error. (helps to skip corrupt dives)

### Bug Fixes:

- Average Depth now matches Petrel
- Correct PPHe and PPN2 calculations

### Shearwater Connector Improvements:

- SW Connector is now tolerant of Bluetooth device name changes in Windows.

### Version 2.4.0:

#### New Features/Improvements:

- New Firmware Update process: Firmware Updates are now semi-automatic. Firmware updates are downloaded automatically from the website, and the interface has changed to guide the user through the process. Users have an opportunity to select which language they want to use.

Please note that firmware updates are not installed without the user's permission; the update process is still only instigated by the user.

- Improved Error handling for firmware updates: The way the error messages work for the firmware update process is also different. When Shearwater Desktop encounters an error, it will try to give instruction on how to fix the error, instead of just spitting out an error code. If it doesn't know the answer, it will provide a link to our website's contact page. It can also upload a debug log for tech support to look at. That way people can focus on getting help rather than trying to figure out what an error code means. Note: This feature is only implemented for firmware updates. Dive downloads function exactly as they do in 2.3.8.
- File association: Dive logs and firmware updates that are double-clicked on in Windows or Mac will open Shearwater Desktop and import or install the file properly.



# Shearwater Desktop 3.1.5 Release Notes

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- Shearwater Connector: The software utility that communicates with the dive computer on Mac and PC are now more robust and reliable.

## Change:

The User interface for Pop-Ups have changed to reflect the aesthetics of the website

## Version 2.3.8:

### New Features/Improvements:

- Added support for new firmware format

### Shearwater Connector:

Bug Fix: Better support for multiple Shearwater computers

Bug Fix: Re-enabled support for 32 bit Macs

Enhancement: Better support for built in bluetooth adaptors

### Other Features:

Update: The Bluetooth library used on Windows has been updated to improve compatibility with built in Bluetooth devices

Update: Improved diagnostic information in "About" menu

Change: Reordered some options in dive details

## Version 2.3.6:

### Dive Log Details:

Bug Fix: Autocomplete no longer locks user into selection

### Dive Graph:

Feature Added: Display of Average Depth has been added to the dive graph header.

Bug Fix: NERD voltage is now displayed properly

### Start-up Text Editor:

Enhancement: Improved language for updating startup text dialog



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## Dive List:

**Enhancement:** Selected dive is now highlighted in bold.

## Other Features:

**Update:** The Bluetooth library used on Windows has been updated to increase reliability and speed.

**New Feature:** NERD support complete, including diagnostics

## Version 2.3.5:

### Dive Log Details:

**Change:** Dive log details have been moved to right hand side bar

**Enhancement:** Dive log Details now has autocompletion for Location, Site and Buddy.

### Dive Graph:

**Feature Added:** Display of external O2 sensor voltage has been added to the dive graph.

**Enhancement:** Hover-over text for graph details has been redesigned:

- Depth is shown in feet/metres instead of atmospheres.
- TTS has been added to Depth hover-over.
- @+5 has been added to Depth hover-over.
- NDL/Next Deco Stop has been added to Depth hover-over.
- Deco Stop info has been added to Deco Stop hover-over.

### Dive Download Dialog:

**Enhancement:** Help link has been added, linking to a streamlined Quick Start Guide on our website.

## Dive List:

**Enhancement:** Selected dive is now highlighted in bold.

## Other Features:

**Feature Added:** Petrels with firmware v12 and above can upload diagnostic information for use by Shearwater to troubleshoot problems.





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**Enhancement:** Users can now access their raw dive logs more easily using File->Open Dive Log Directory.

**Update:** The Bluetooth library used on Windows has been updated to increase reliability and speed.

**Change:** The installer for Windows has been changed to reduce the download size.

## **Version 2.3.0:**

Changes:

- Added Selective Dive Download for Petrels Version 11 and later
- Adds support for downloading older dives as well
- Various bug fixes

## **Version 2.2.14:**

Changes:

- Fixed issues with voltage graph
- Small improvements to UI.
- Fixed issue with printing

## **Version 2.2.13:**

Changes:

- Computers can be renamed (instead of serial number) for easier sorting. Change name in Edit menu.
- Fixed an occasional problem with Petrel imports.
- Added battery voltage graph.
- Graph preferences are saved between sessions.
- Small improvements to UI.