



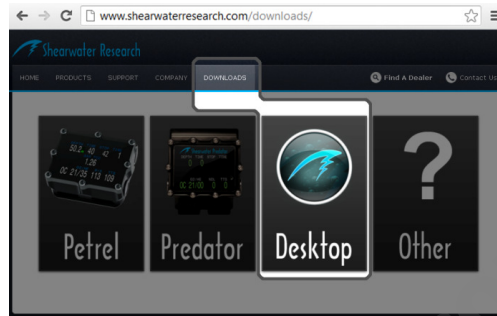
# Petrel Firmware Update Instructions

**NOTE:** Upgrading the firmware resets decompression tissue loading. Plan repetitive dives accordingly.

## 1 Download & Install Shearwater Desktop

<http://www.shearwaterresearch.com/downloads/>

Available for Windows and Mac.



## 2 Plug the Bluetooth Dongle into a USB Port



Most Macs have built-in Bluetooth, so Mac users **do not** need to use the supplied dongle.

## 3 Download the New Firmware

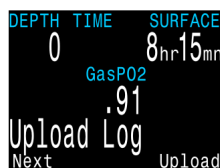
<http://www.shearwaterresearch.com/downloads/>

Firmware file ends with .aes. Save it on your computer, somewhere you can find later.

## 4 On the Petrel, Start a Bluetooth Connection

Bluetooth can be started in two ways:

“Dive Log→Upload Log” OR “System Setup→System Setup→Load Upgrade”



OR



Now ready for  
Bluetooth connection

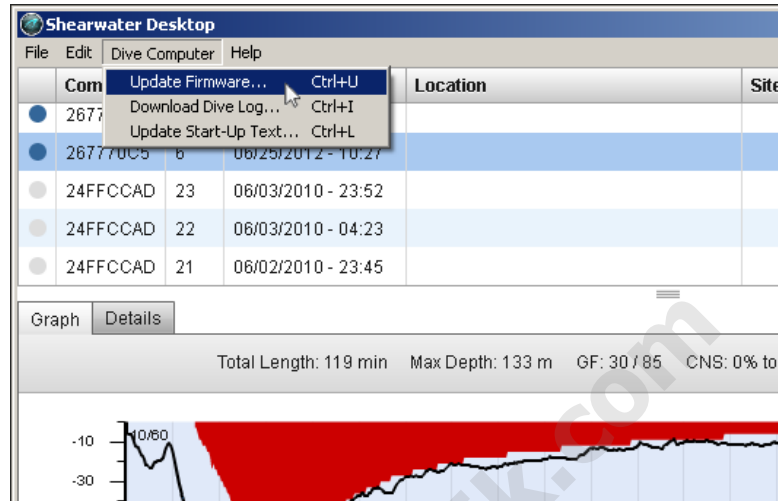
Both options do the same thing. They turn on Bluetooth and wait for commands from your desktop or laptop.

Go to the next step once the 3-minute countdown begins.

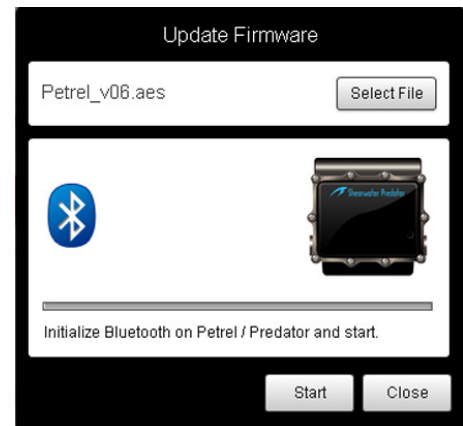
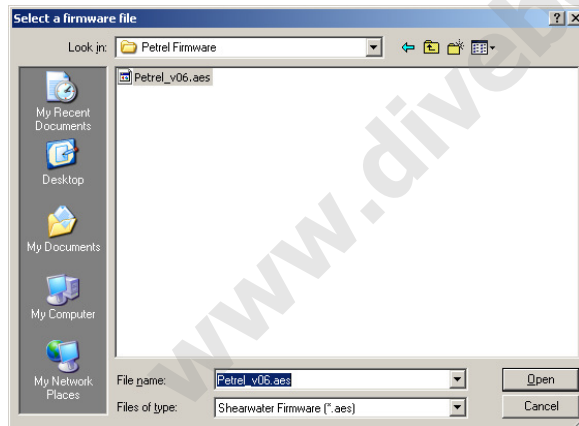


# Petrel Firmware Update Instructions

## 5 In Shearwater Desktop, Go To Dive Computer → Update Firmware



## 6 Select the .aes File and Then Click Start



It will take approximately 5 minutes to send the new firmware.

**The Petrel screen may flicker or go black for up to 1 minute during the update. Do NOT remove the battery during this time.**

After the update, the Petrel will reset and indicate that the decompression tissues have been cleared. This screen will also indicate whether the update was a success or failure.

Bluetooth troubleshooting available at <http://www.shearwaterresearch.com/support/>

Or contact Shearwater Research at [info@shearwaterresearch.com](mailto:info@shearwaterresearch.com) for assistance.