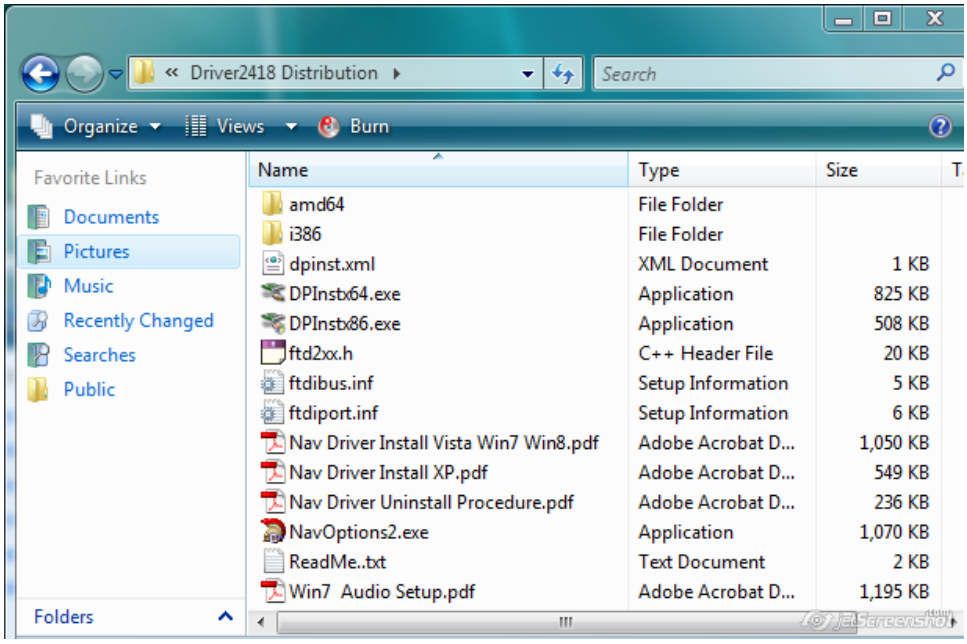
Driver Upgrade Instructions for Navigators installed on Windows Vista, Windows 7 and Windows 8

This procedure is used when you already have Navigator drivers on your computer, and want to upgrade to the latest version (2.4.18, or later). . If you have a Vista, Windows 7 or Windows 8 machine, use these instructions. If you have an XP machine, use the instructions "Nav Driver Install for XP" instead.

Next, unzip the file Nav Drivers 2 4 18.zip to the desktop. After you have extracted the file it will have the contents shown below:



Select the .pdf file for your operating system for instructions on upgrading your driver. If this is a first time installation, then follow the instructions on the Navigator Install CD that came with your Navigator.

This version of the driver is 2.4.18 . This driver is used for both 32 bit and 64 bit installations. The driver determines which type of computer is used and loads the appropriate driver elements. **Do not be put off by the size of this document. Most of the space is taken up with screen shots showing the step by step procedures. Actual installation of the drivers takes about 5 minutes.**

If you have previous drivers for the Navigator on your computer, you must first remove them. Use the Procedure in the .pdf file "Vista, Win7, Win8 Uninstall Procedure" before you continue.

Your old drivers must now have been removed from the system.

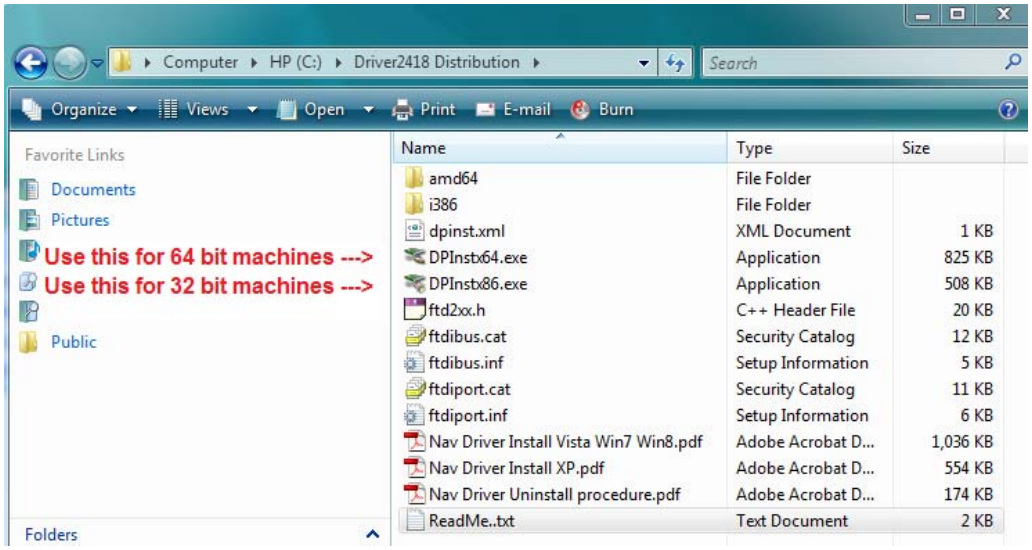
BEFORE YOU PROCEED, IF YOUR NAVIGATOR IS PLUGGED INTO THE USB OF YOUR VISTA COMPUTER, UNPLUG IT. YOU WILL RECONNECT THE NAVIGATOR LATER ON IN THIS PROCEDURE.

INSTALL THE DRIVER

To install the new driver, go to the folder where you extracted the drivers.

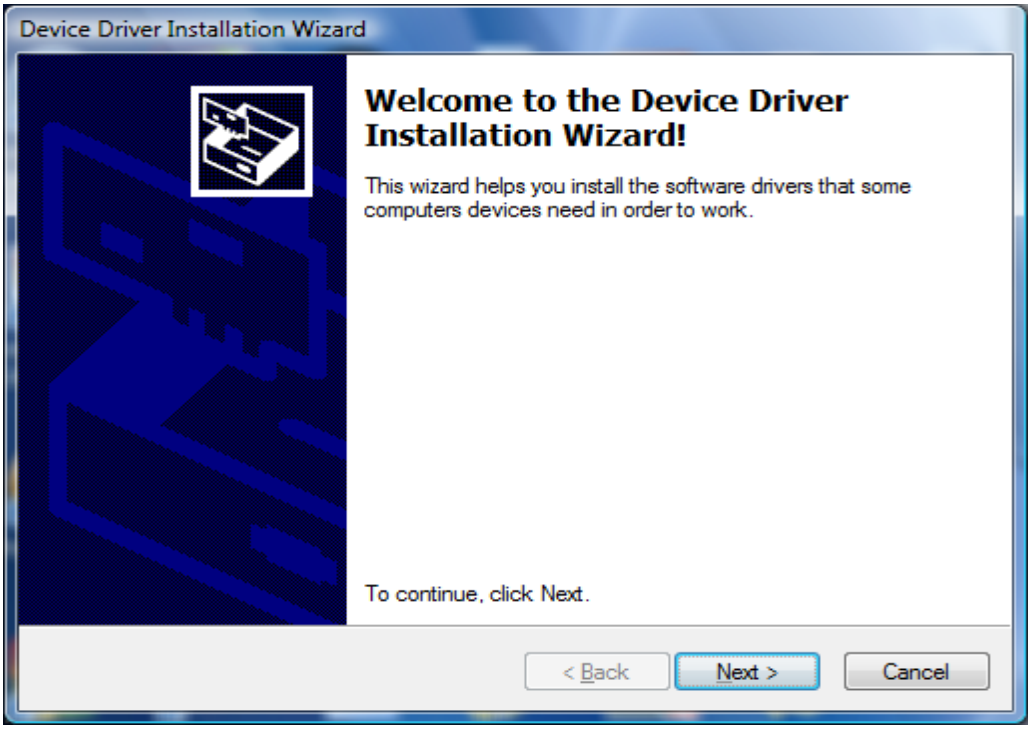
X32: **Right click** on **DPInstx86** Application and select **"Run As Administrator"**

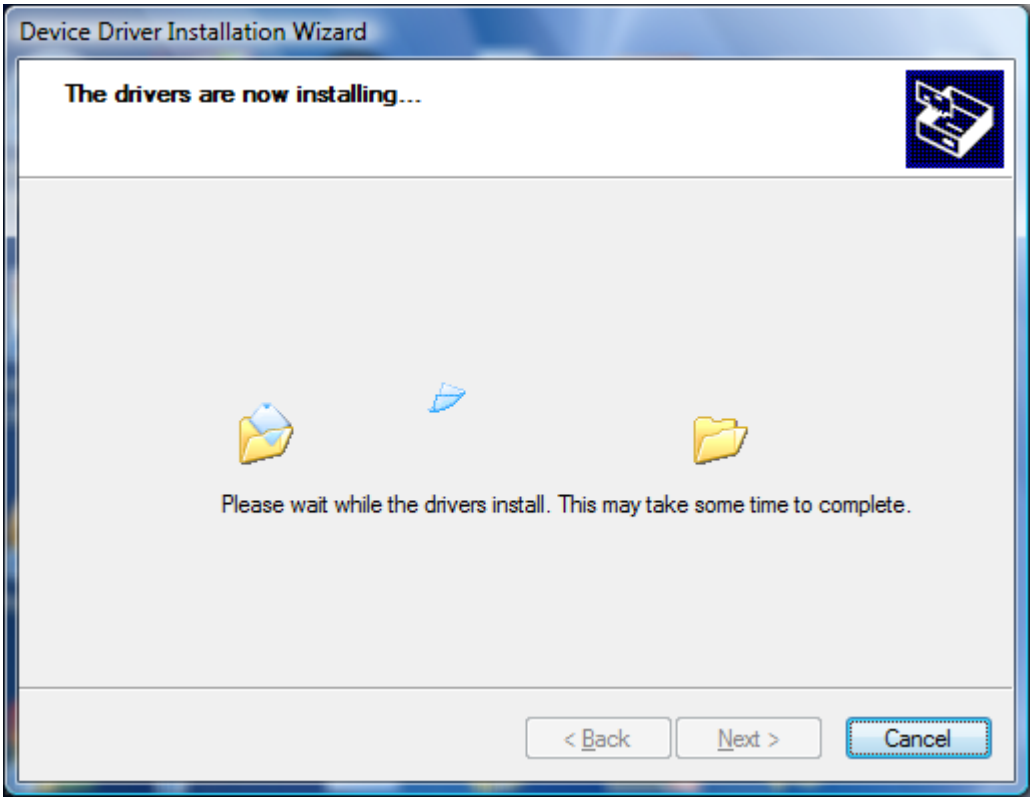
X64: **Right click** on **DPInstx64** Application and select **"Run As Administrator"**



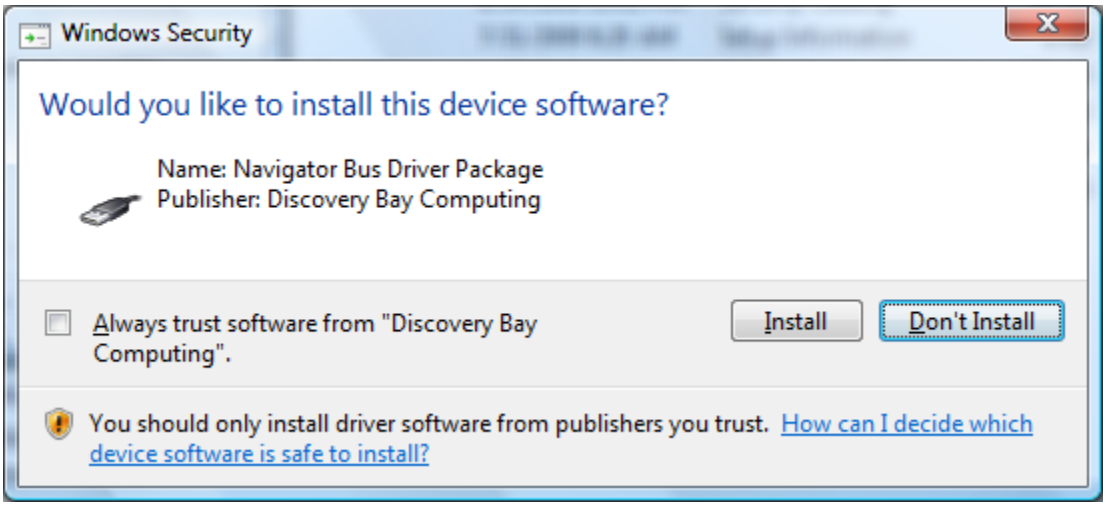
You Must Select "Run as Administrator"

The installation Wizard will now appear as shown below. Click **Next>**

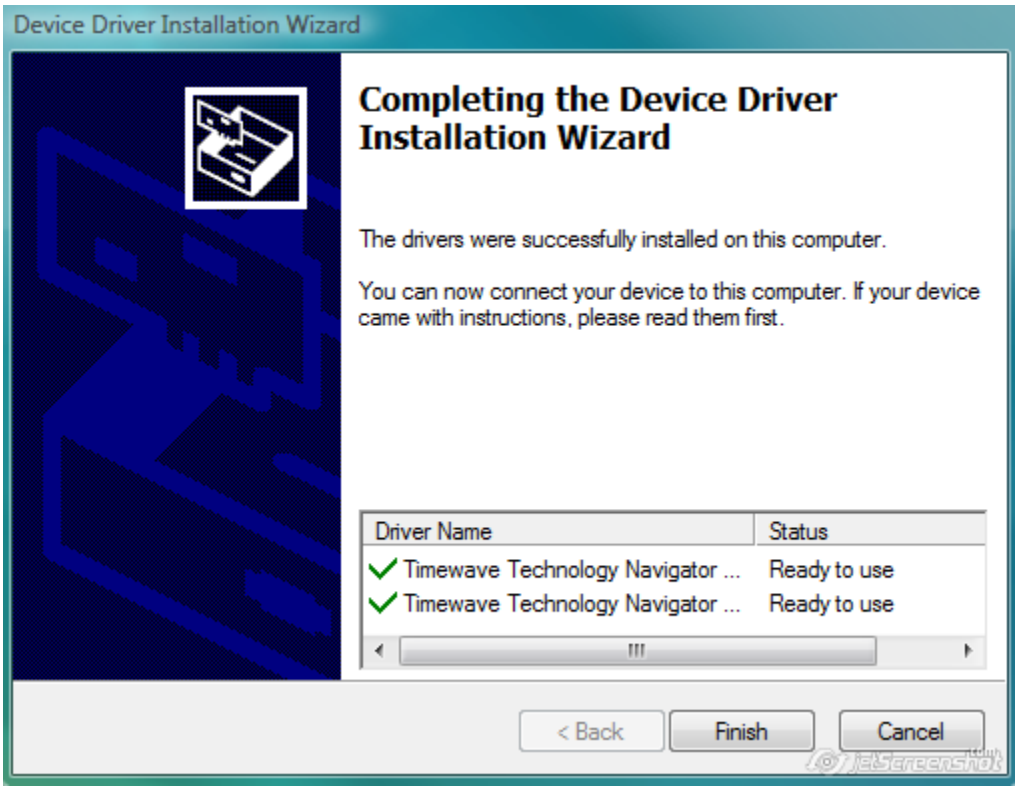



Device Driver Installation Wizard
The drivers are now installing...
Please wait while the drivers install. This may take some time to complete.
< Back
Next >
Cancel

If you have never installed a driver from Timewave Technology on this computer, you will see the screen below. If you check the “Always trust …” then you will never be asked the question again, it will always install drivers signed by Timewave Technology. If you don't check it, you will be asked to "Install" for the 12 drivers installed for the Navigator. In either case, click "Install".



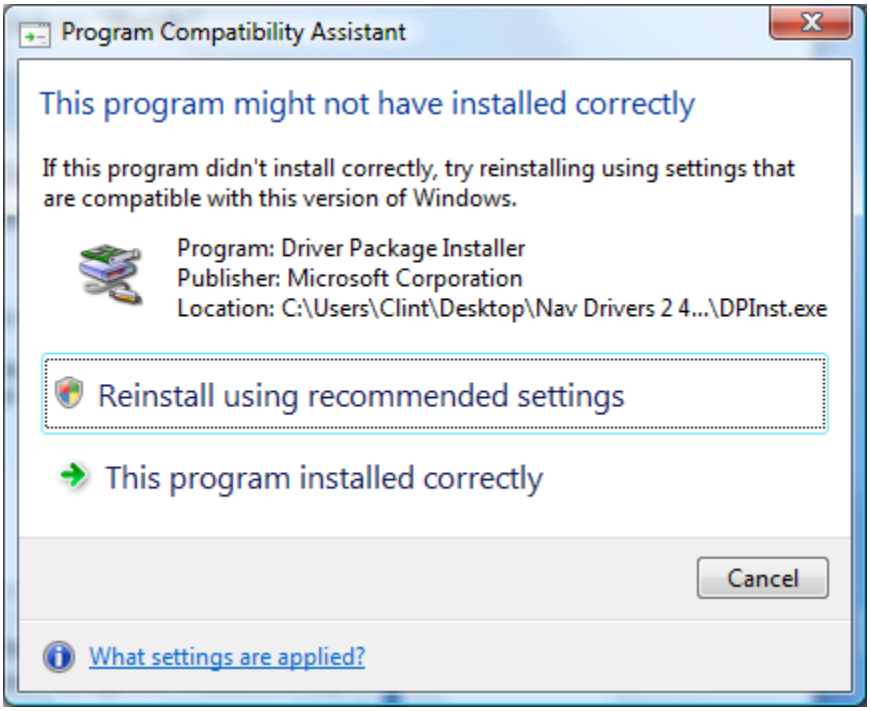
After another minute, you will see this screen. Click on “**Finish**”



Your screen will say version 2.4.18 or later.

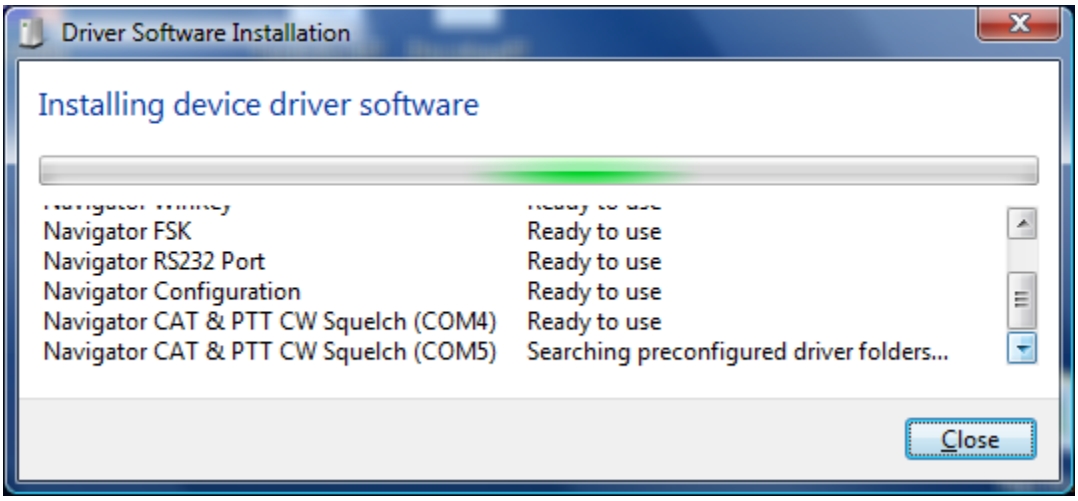
You may get the screen below after the installation.

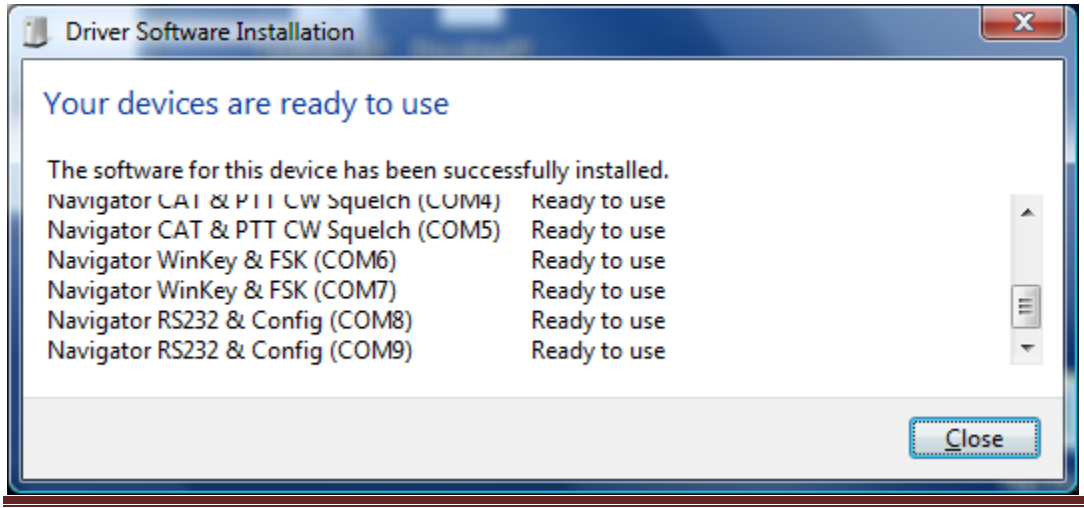
If you do, then click “Reinstall using recommended settings”. This will take you through the installation again, (very quickly this time) and you are then through.



PLUG YOUR NAVIGATOR INTO THE USB OF YOUR COMPUTER

The new driver is now installed in the DriverStore of your computer. You should now plug the Navigator into the USB. You will hear a Morse "R" from the Navigator, the power light should be Yellow and then turn Green. Since the drivers are already on the computer, Windows will install the Navigator and assign free USB ports to the devices and the unit is ready for use. You will see a "Driver Software Installation" icon on the lower left of your Windows screen. If you click on it, you will see the progress of the installation and see the USB ports assigned to the Navigator. When this process is complete you are ready for use. From this point forward, if you unplug the Navigator and then plug it in again, Windows will assign the same COM ports each time.

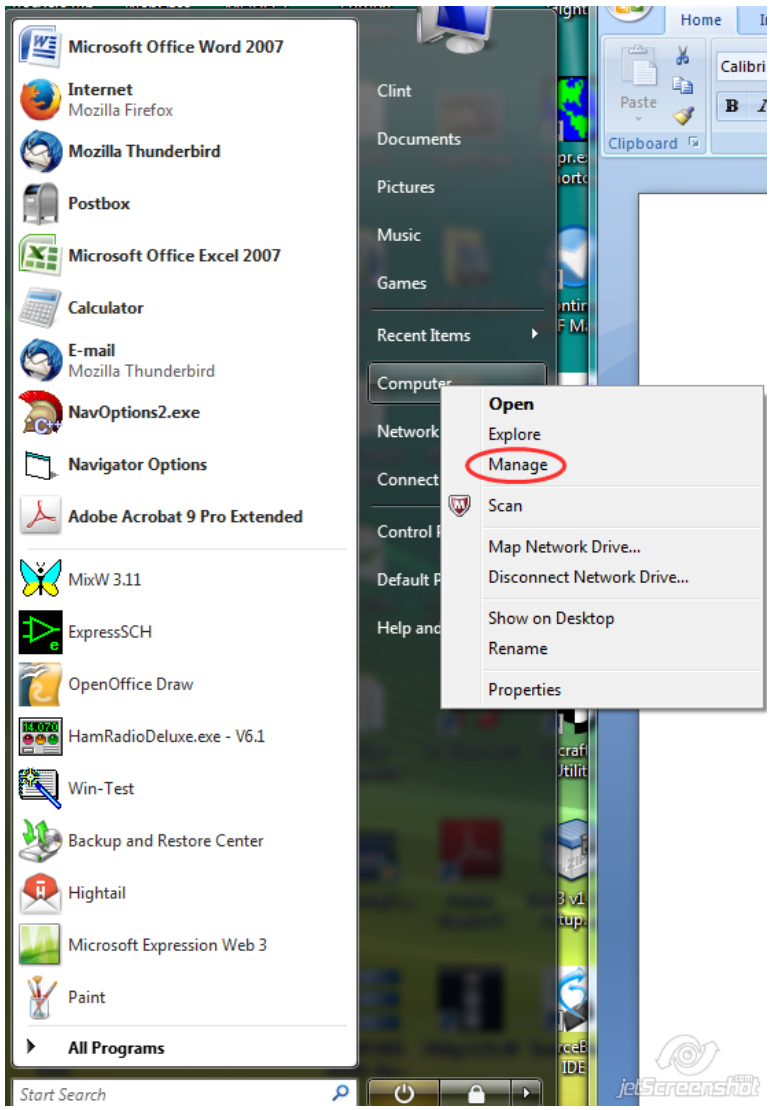




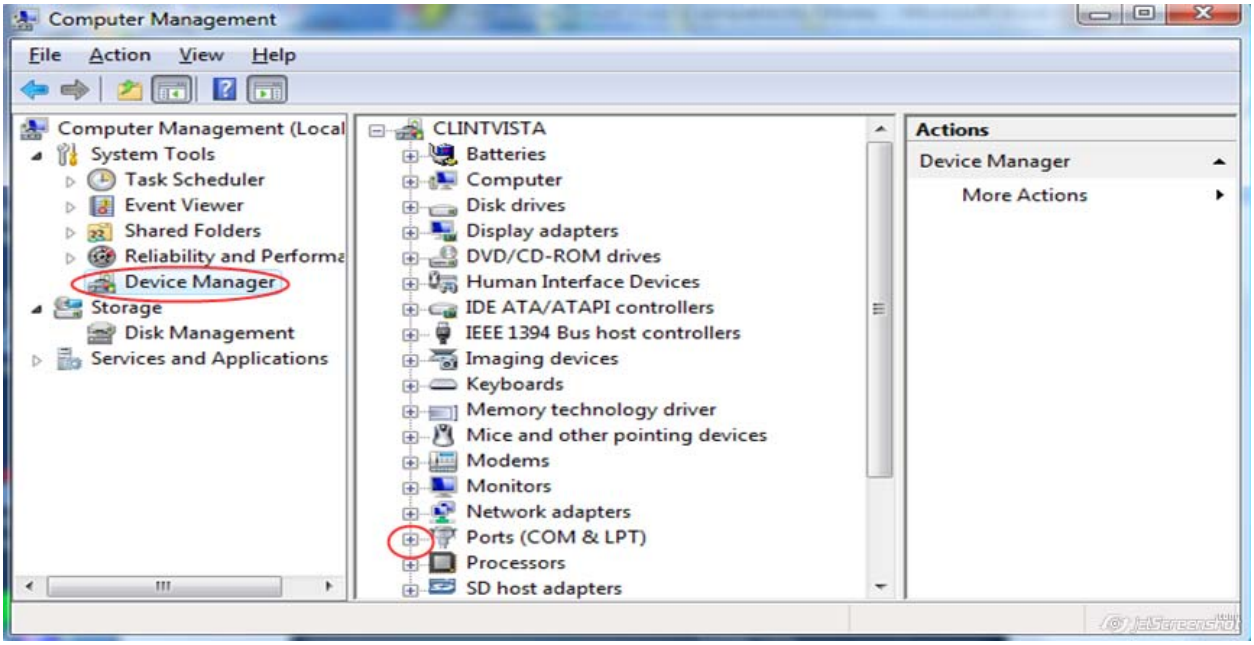
CHANGING PORT ASSIGNMENTS

Windows assigns port numbers to the COM devices during the installation process. If for some reason you need to change these assignments, follow the procedure below.

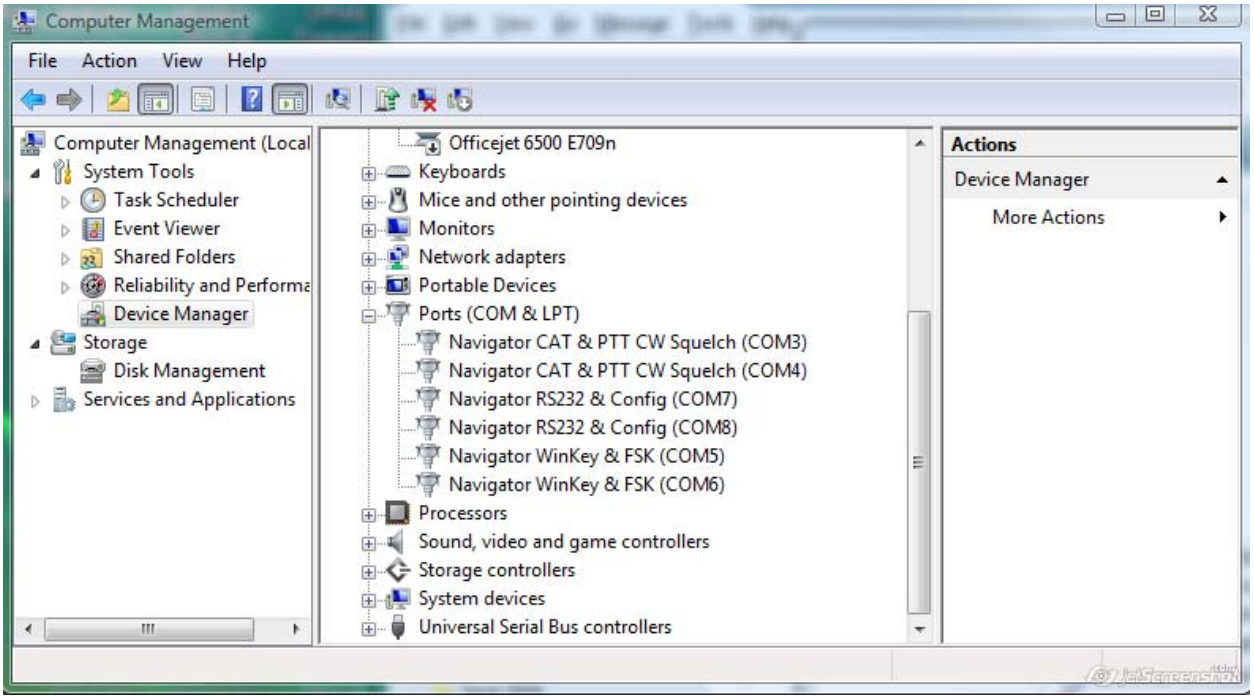
First, bring up the Computer Management screen. This is done by right clicking on "Computer" on the Windows "Start" screen. Select "Manage" from the pop up screen after you right click.



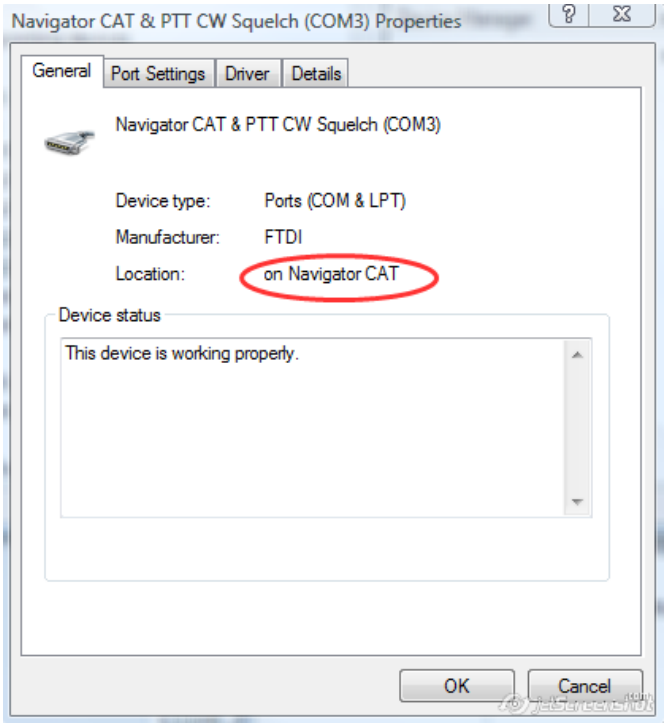
Click on “**Device Manager**” and then click on “**Ports (COM & LPT)**”



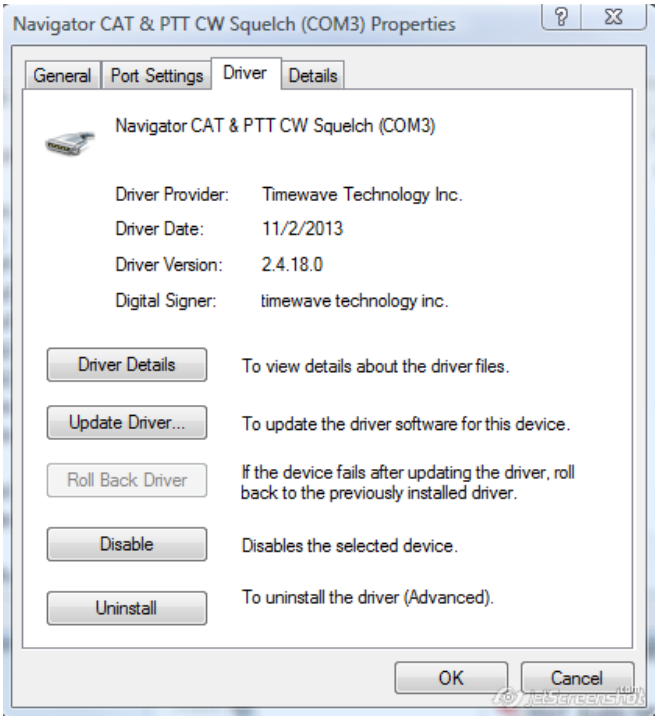
You will now see the port assignments for Navigator. The devices on Navigator are actually dual port devices, so you will see the general name “e.g. Navigator CAT & PTT …” with two COM assignments separated by "&" following them (CAT & PTT..).



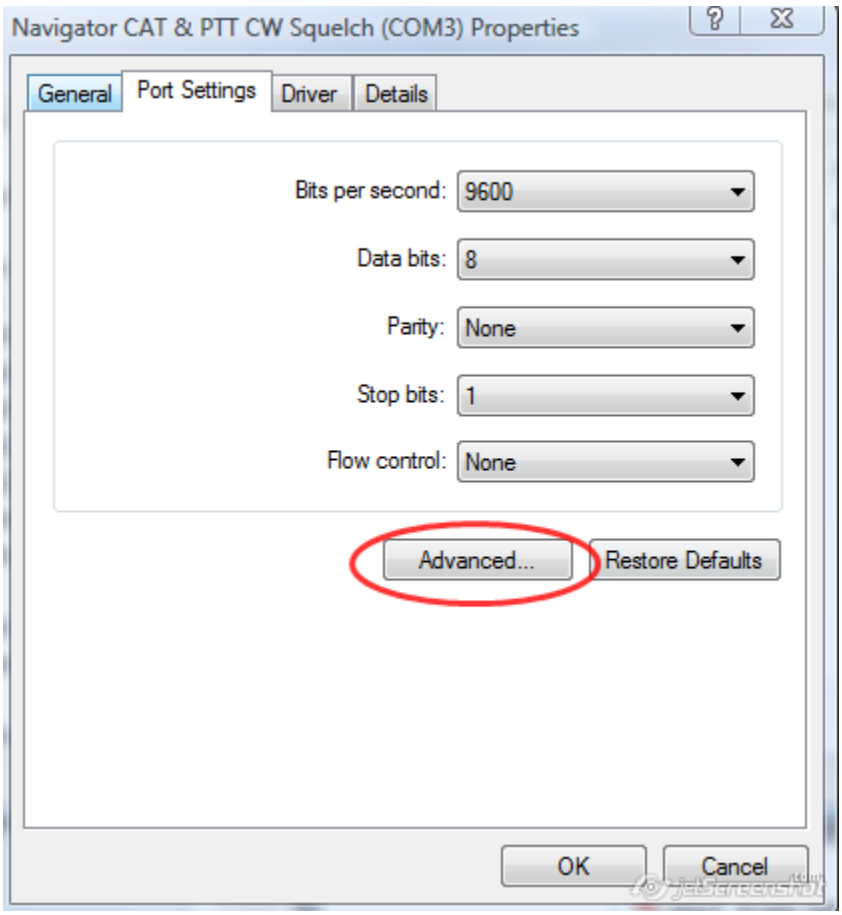
If you double click on one of these, for example, COM3, you will see the properties of the port as shown below. There is an entry that shows the "Location". In this example, COM3 is assigned to Navigator CAT control port, which is one of the two ports on the "Navigator CAT & PTT .." device. (PTT control is on COM4)



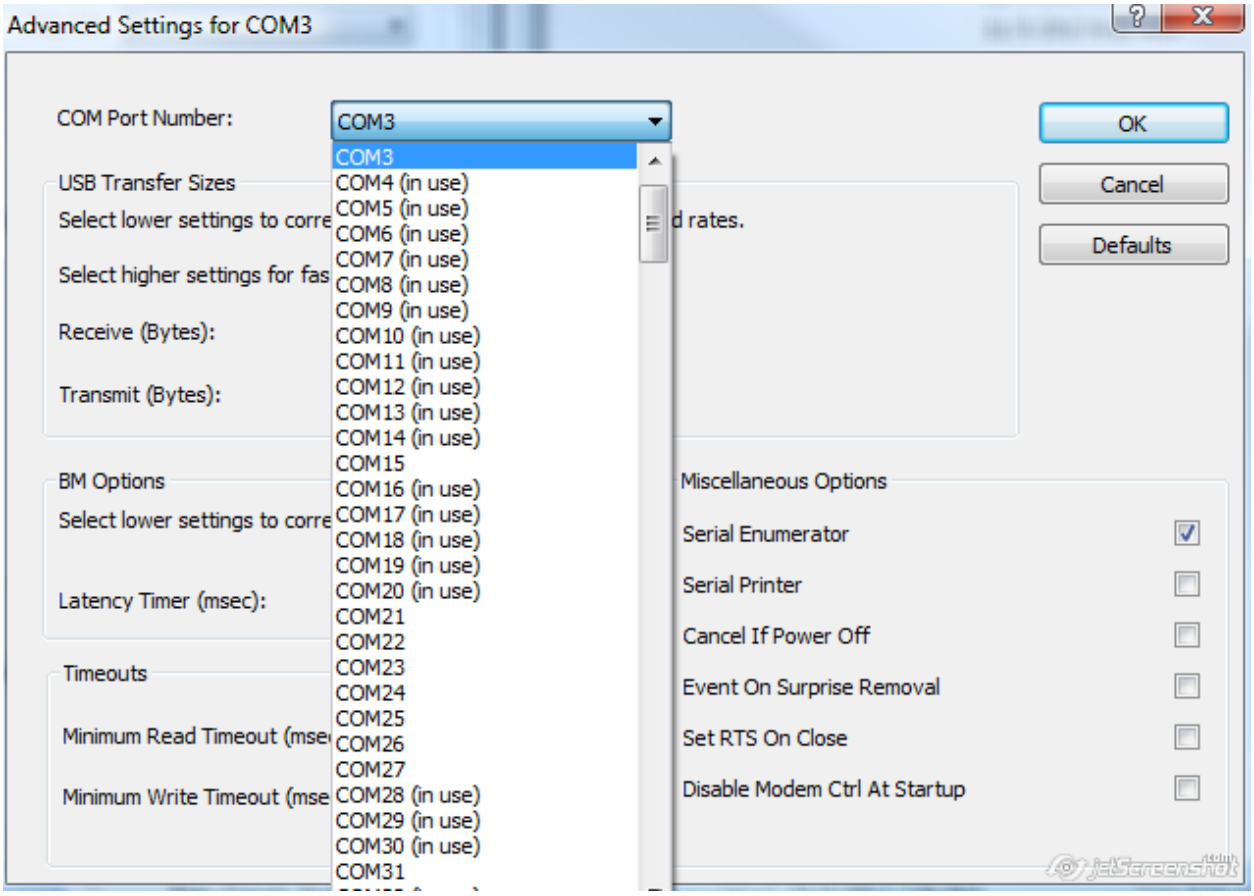
If you click on the Driver tab, you will see more detail about this port.



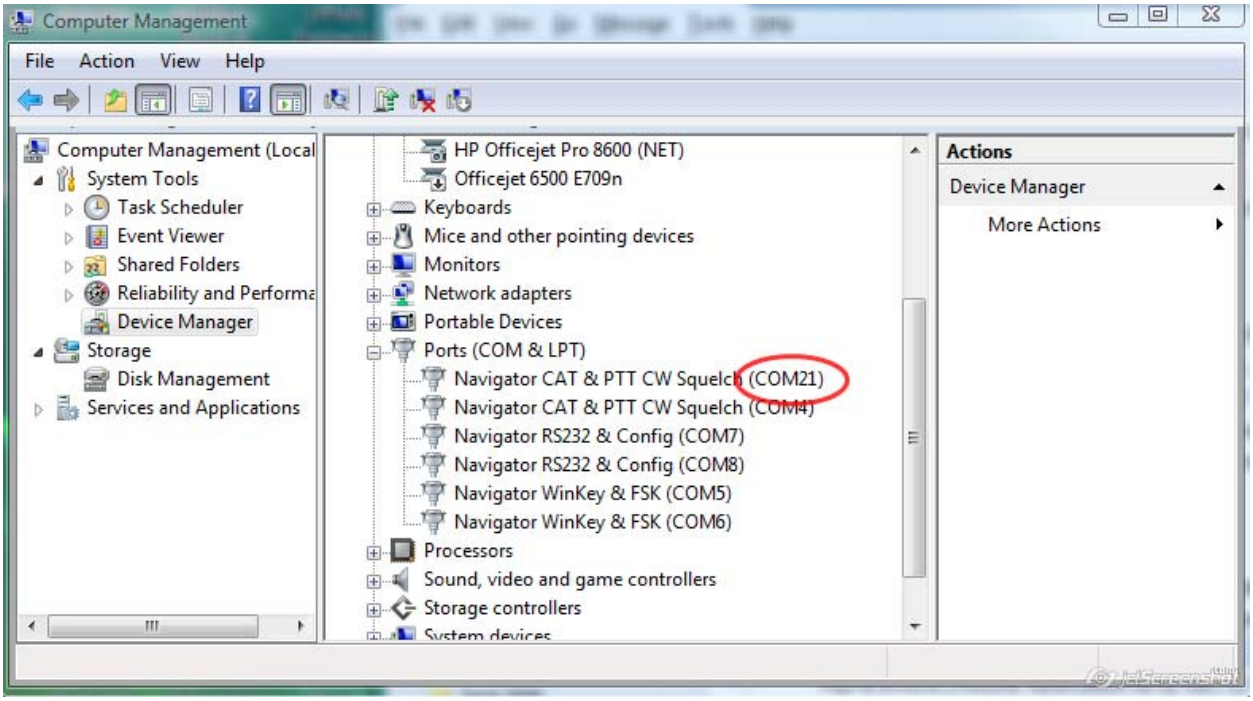
If you need to change the port number from COM3 to another, unused port number, click on the Port Settings TAB and then click on "**Advanced**"


Navigator CAT & PTT CW Squelch (COM3) Properties
General
Port Settings
Driver
Details
Bits per second:
9600
Data bits:
8
Parity:
None
Stop bits:
1
Flow control:
None
Advanced...
Restore Defaults
OK
Cancel

You will now see the detail for this port, and if you click on COM Port Number, you will see a drop down list of ports available, and which ones are in use. (COM3 does not show in use because it is the one you are changing). In this example COM21 is selected, and then OK is clicked and the port has been changed to COM21.



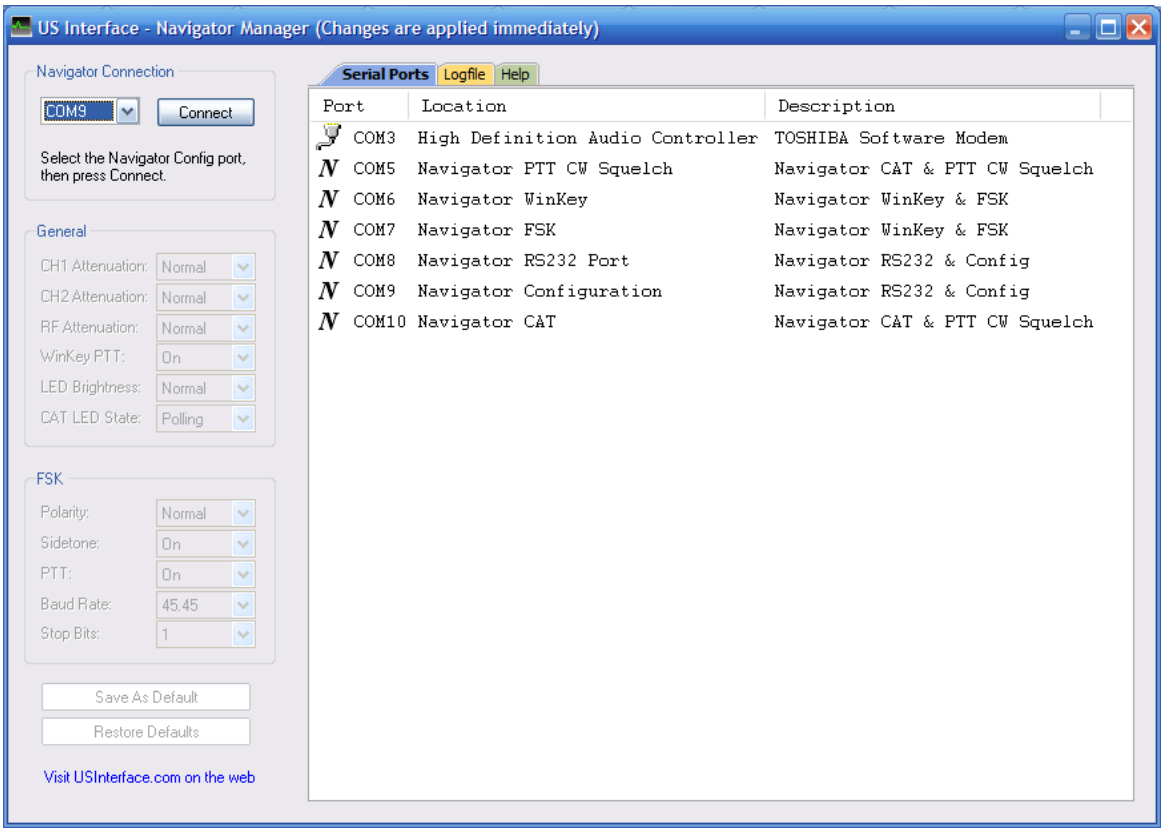
If you check Device manager again, you may see that COM3 still shows for this port. If so, Click "Action / Scan for hardware changes" You will now see that COM21 is assigned to this port.



Make any other reassignments that you wish and when you are through, you **must** reboot your computer to be sure that all of the changes are properly registered. These new assignments will be used every time you plug in your Navigator.

DM780 / NAVIGATOR MANAGER

If you are using HRD / DM780 software, you will find a very useful tool that does the job of Device Manager and the NavOptions options selector combined in one screen. Select Tools/Navigator Manager from the DM780 main screen. The individual port assignments are shown in the Location column.



NOTE: There is a stand alone version of this program available if you are not using HRD/DM780. It is called Navigator Options and is available in the Driver2418 folder supplied with this procedure:

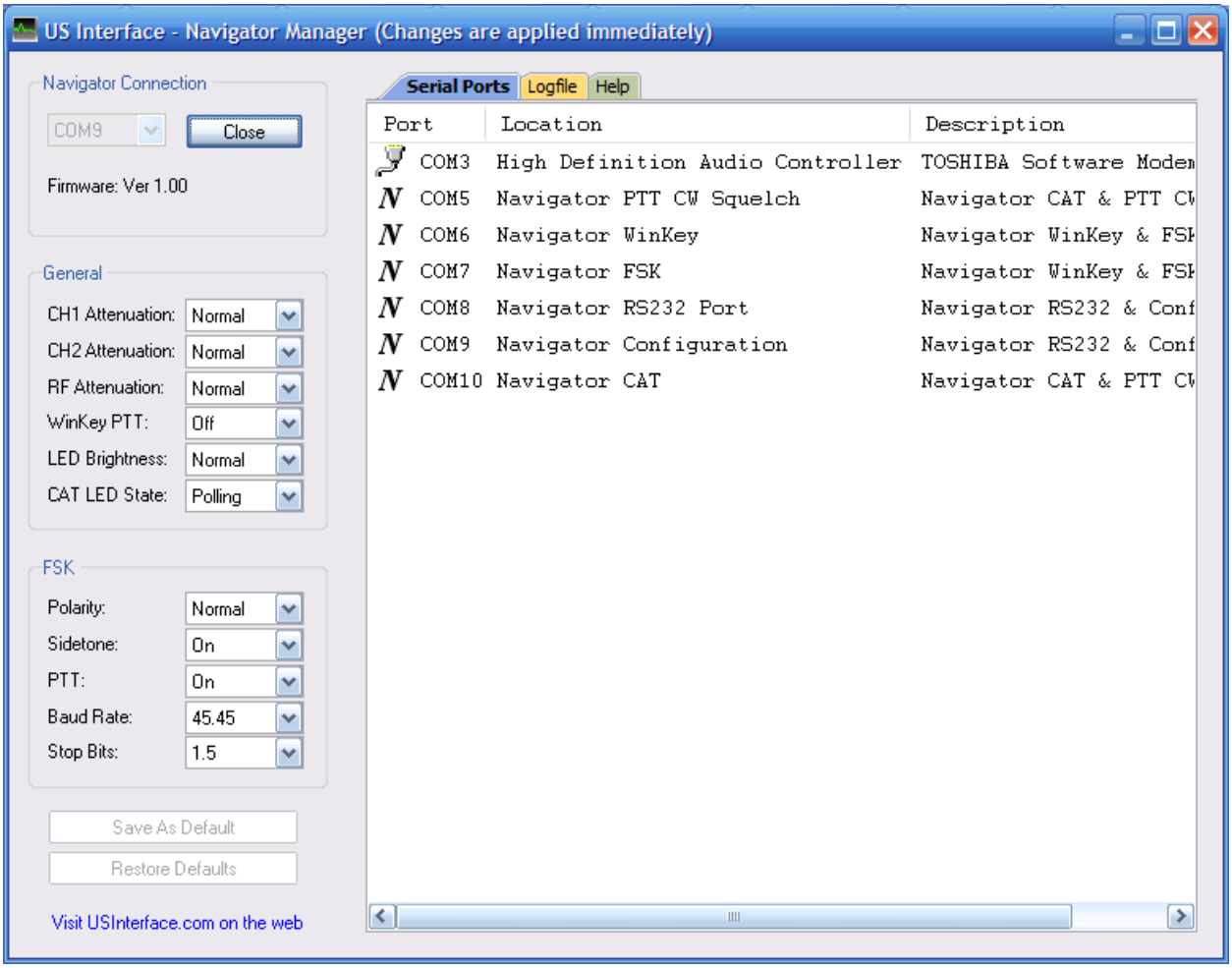
NavOptions2.exe

It is also available on the web at Navigator-Interface yahoo groups forum in the FILES section:

http://groups.yahoo.com/group/NAVIGATOR-Interface/files/Navigator Options.zip

This is a standalone .exe file and can be copied to your desktop or any other location that is convenient. Note that you CAN NOT use NavOptions2 and the HRD/DM780 Navigator Manager at the same time, since they would compete for the same data.

If you want to make changes to the Navigator options, click the “Connect” button on the left, and the full options selection screen will appear. If you are making changes to the options and then want to go back to the originals, click the “Restore Defaults” button. Once you are satisfied with the changes, click the “Save as Default” button so that the Navigator comes up with these settings every time it is powered on. You should now click “**Close**”.



Installation is now complete.