Configuring Java for use with the Allstar Web Transceiver

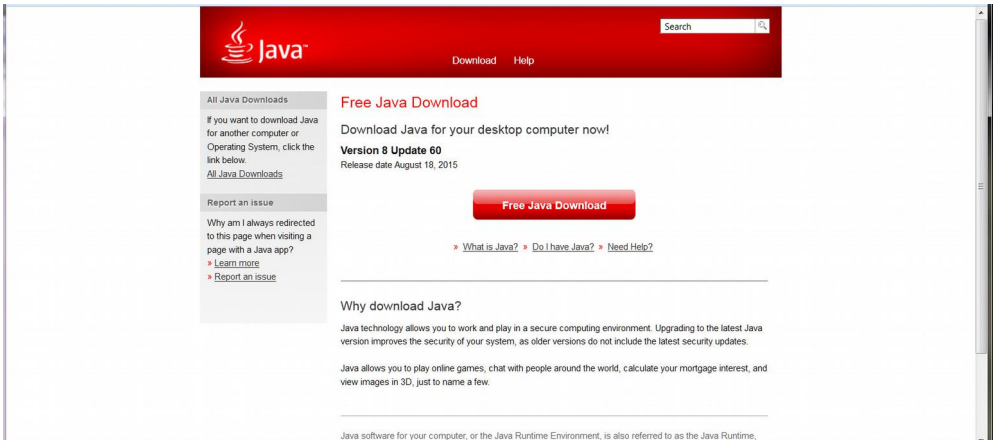
The Allstar Web Transceiver is written in Java and requires that Java is loaded on your computer to function. Since Java has been associated with many security issues the Java team has upped the security level in recent releases (2015). Because of this the Web Transceiver will not function without some additional security configuration in the Java control panel.

This following is configuration instructions for MS Windows, for Mac OSX please skip to page 11.

First make sure you have the latest Java. The download site is:

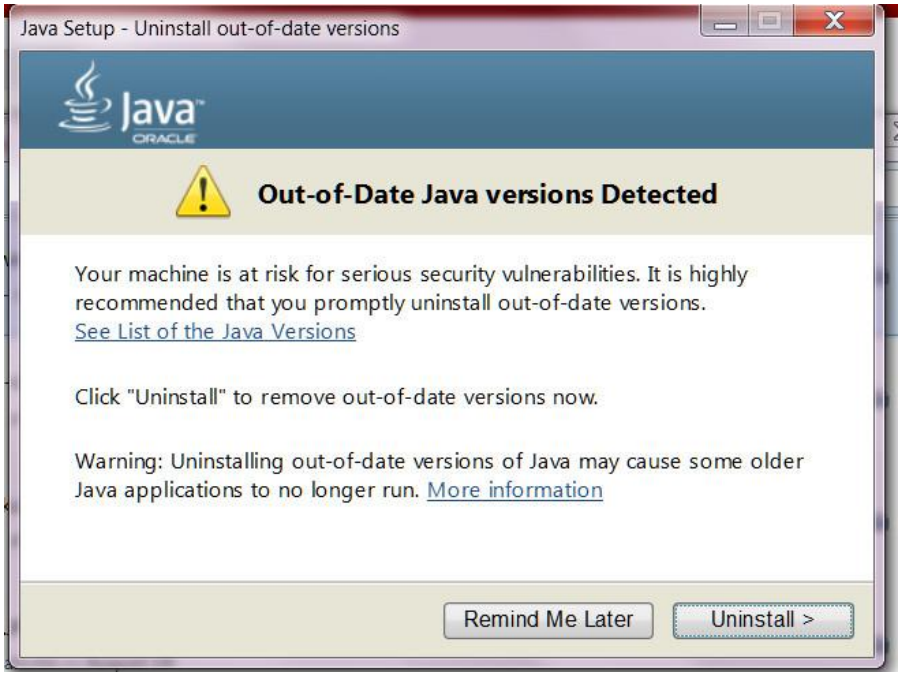
https://java.com/en/download/

When loaded the site should look like this:

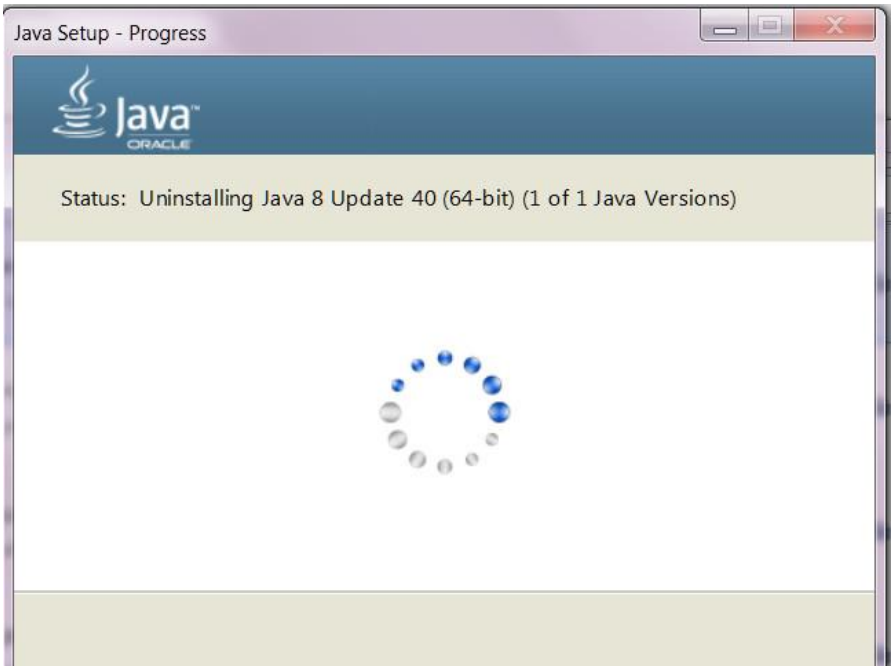


Select the download. In most cases the file will be saved and you must go to your download folder and click on the file. It will look something like this - jre-8u60-windows-x64.exe - but will differ depending on the version and system you are running on. Make sure no other blocks are checked for any extra add-on packages that installations often add in by default he install opening screen will look like this:

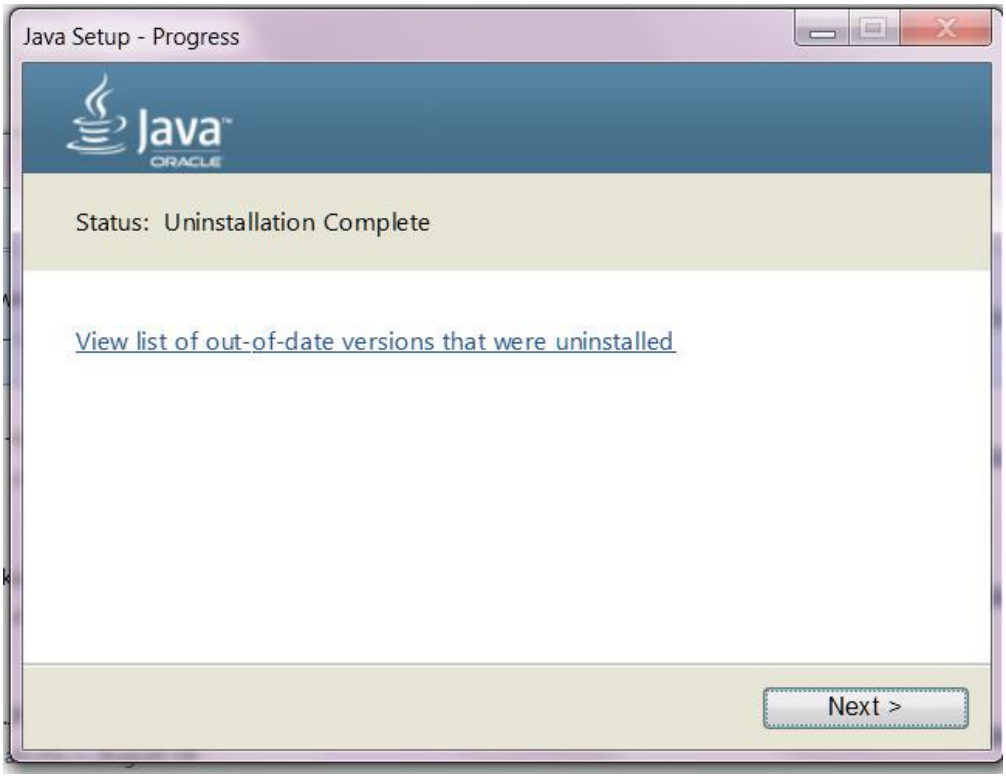
Click on the INSTALL button. Java will install. If you have any old versions of Java on your system you will then see this screen:



Always delete old versions of Java from your system! Select uninstall.



In this case there was one old version and it was deleted.



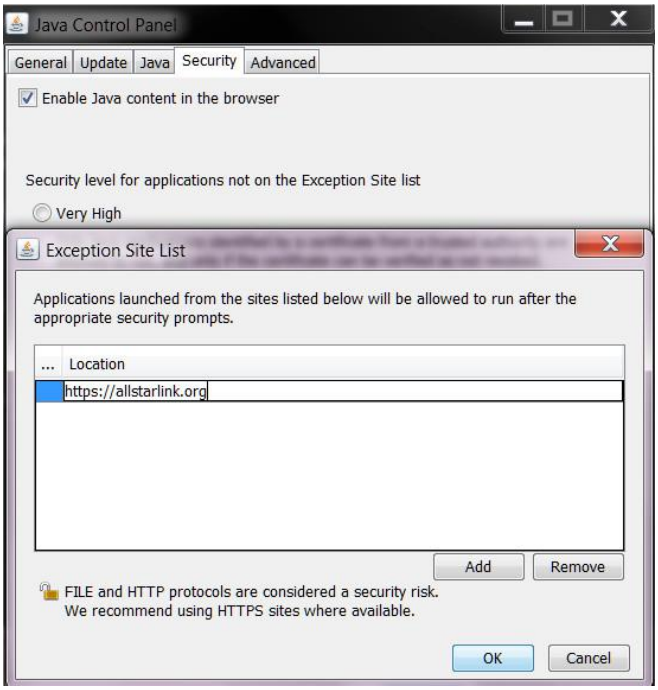
If you desire you can view a list of uninstalled versions. Click NEXT

At this point the latest Java is installed on your computer and you can select CLOSE.

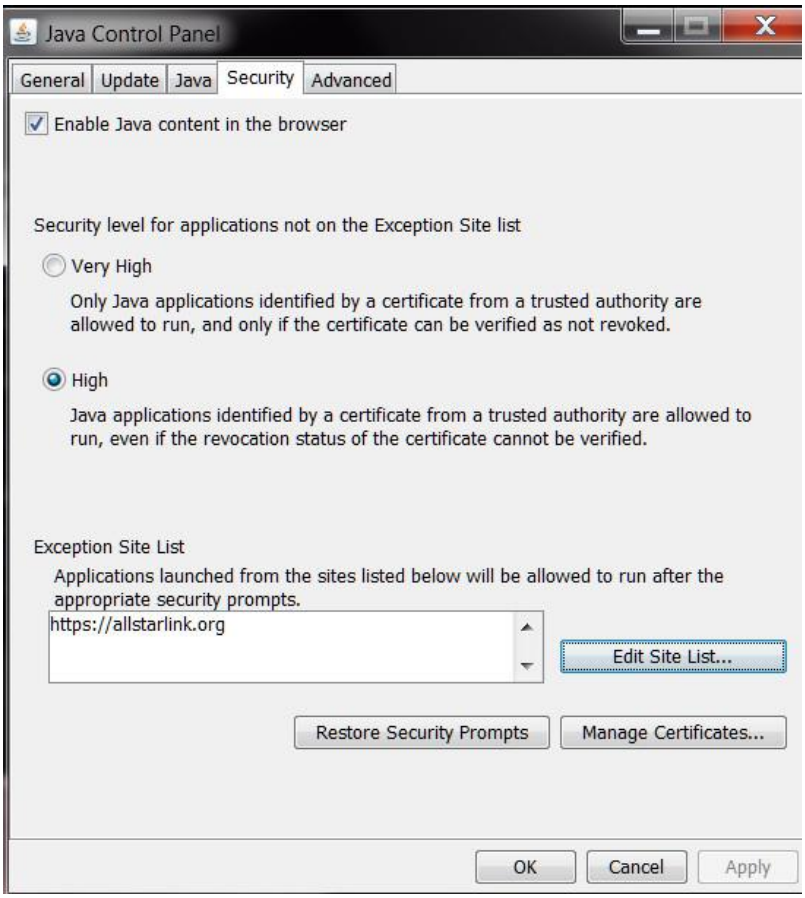
But we are not done yet. Java's security settings need to be configured to accept the allstarlink.org web transceiver application. Select the Java Configuration window. On Windows 7 you would select the start icon, then all programs. Scroll down to Java and select it. Then move down to Configure Java and select that. Here is what it looks like in Windows 7. Other OS's will differ. You need to search for “Java configuration”

The configuration program will look like this. Select the SECURITY tab.

The security screen will look like this. If https://allstarlink.org does not appear in the list then select the Edit Site List tab.

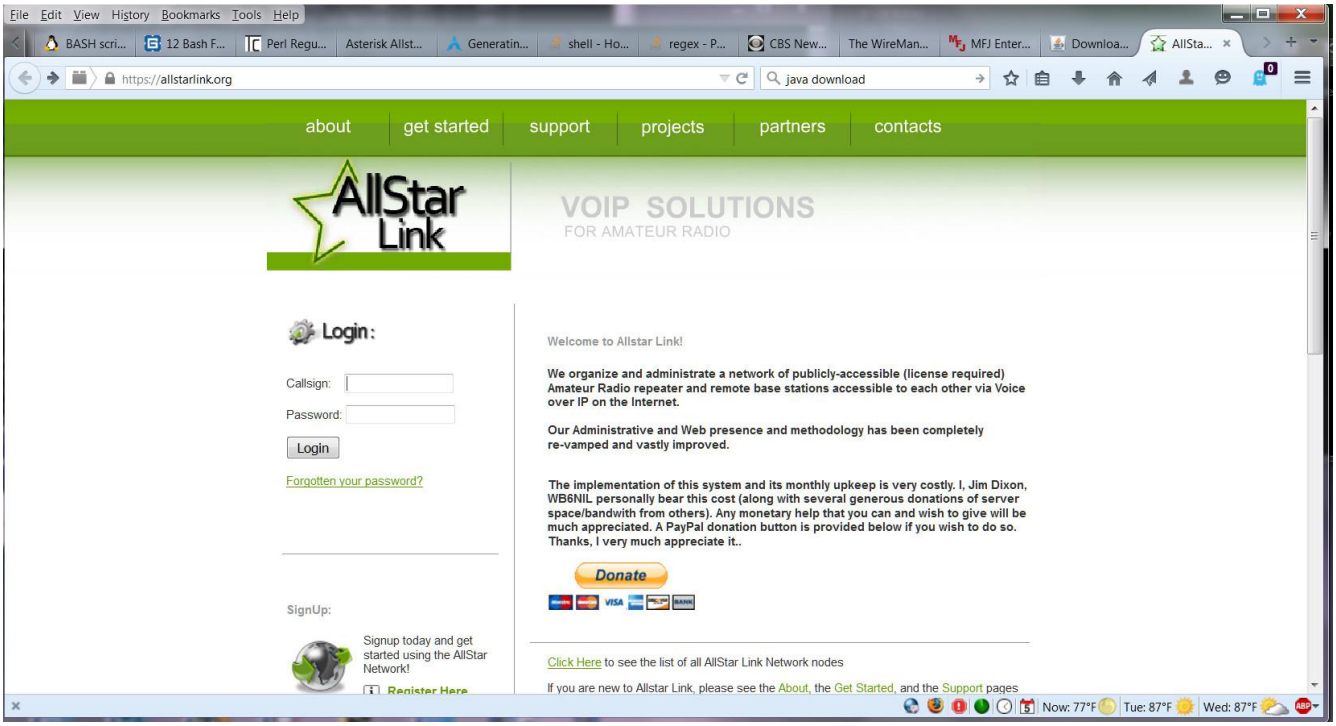


Select Add and type – https://allstarlink.org – into the provided block as shown above.

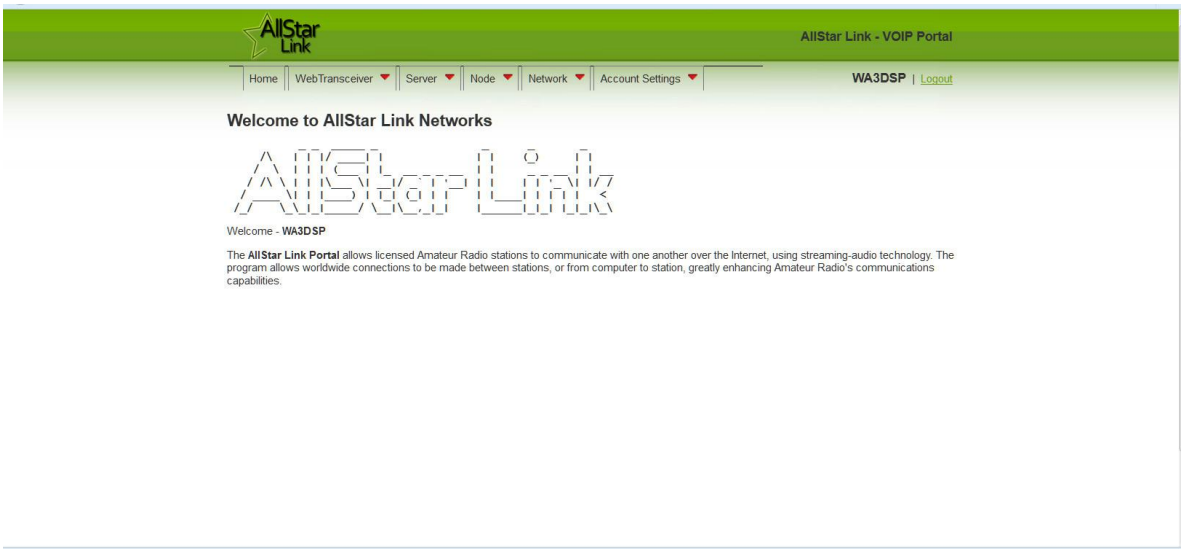


The exception should appear in the Exception Site List. Select OK and exit. This should complete the Java configuration.

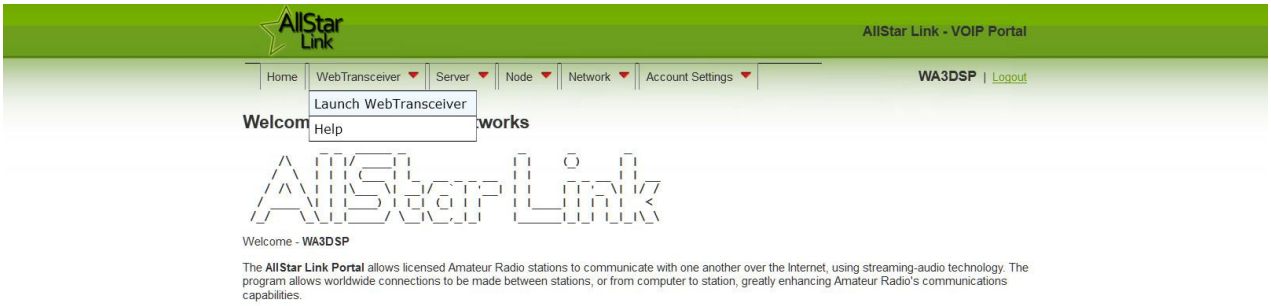
Now browse to the allstarlink.org website.



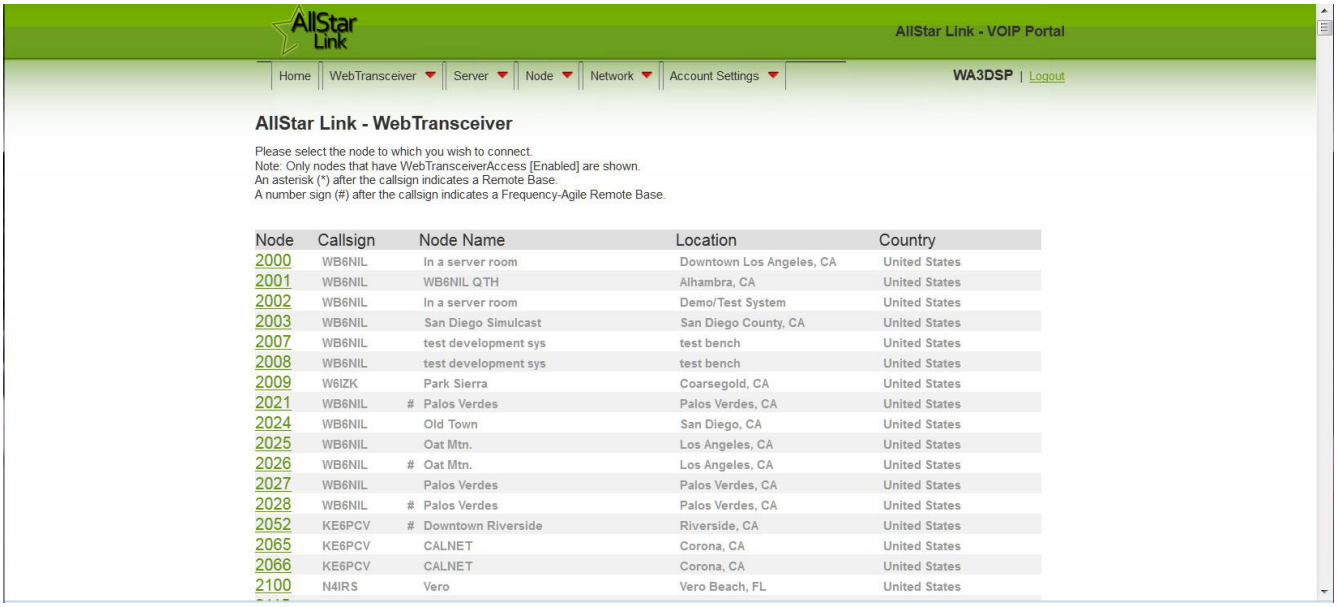
If you already have an account at the allstarlink.org site enter your username and password in the appropriate blocks and select LOGIN. If not select the **REGISTER HERE** link in the lower left. Once you are registered you can come back with your username and password to login. **Note you have to be a licensed radio amateur to use this site and the web transceiver!**



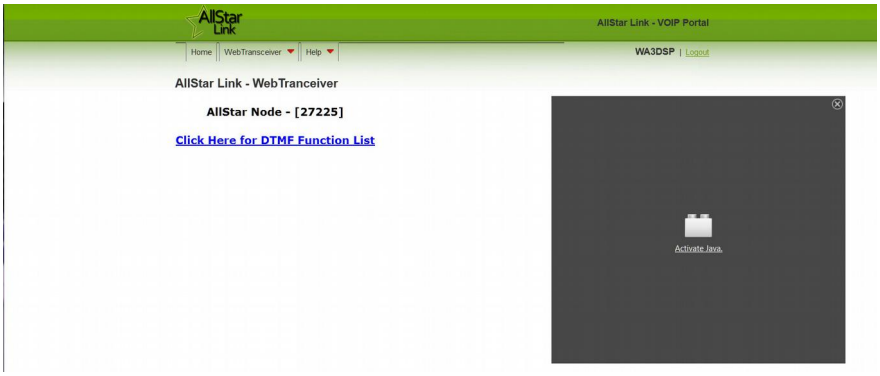
Once you successfully login you will see this page. Click on the WebTransceiver icon at the top.



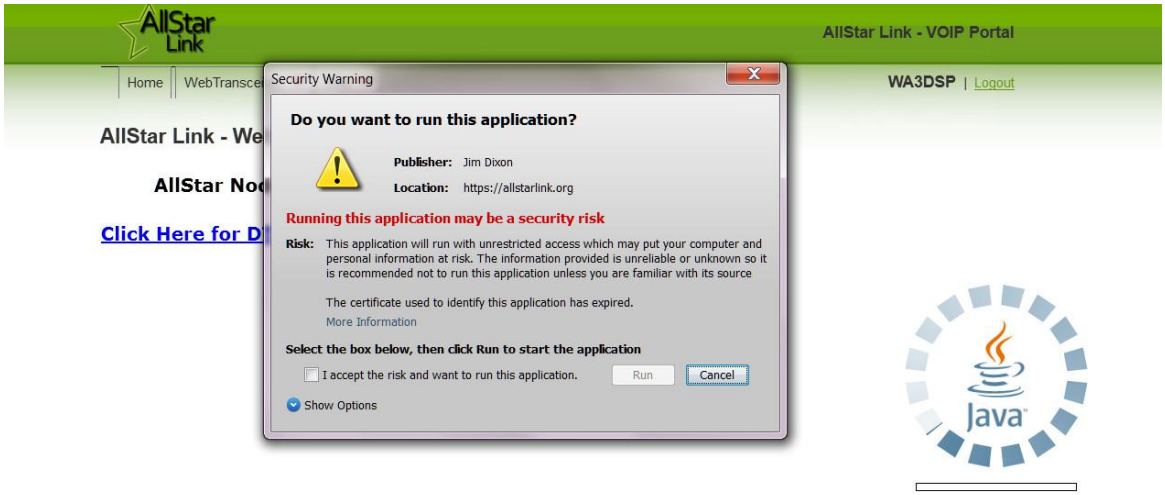
Then on the pull down select **Launch Web Transceiver.**



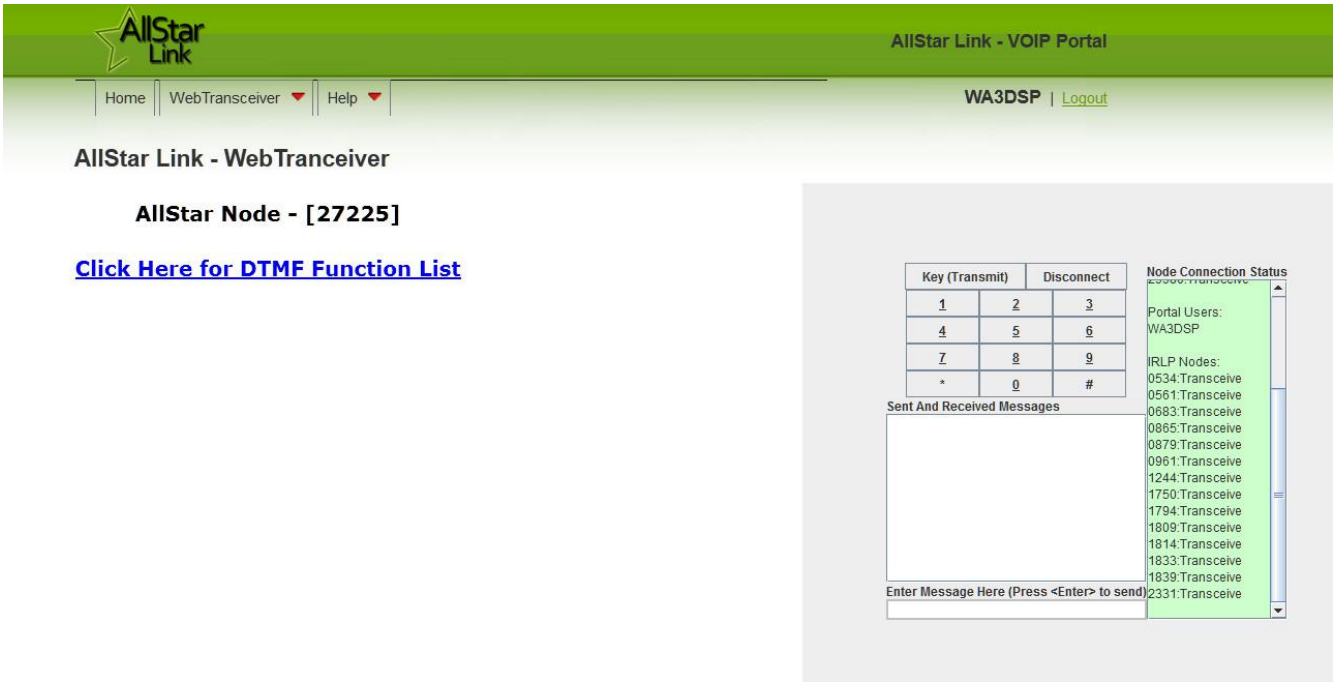
The Web Transceiver opening screen should look like this. Some nodes may differ. The transceiver only show online and web transceiver permitted nodes. Scroll down to view the node you want to connect to then click on the node number.



At this point you should click on the ACTIVATE JAVA icon in the square black window.



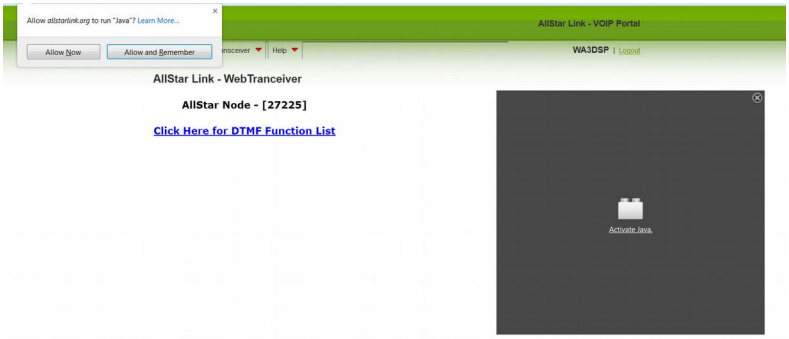
You will see a warning screen like this that. Check the “I accept risk...” block and select RUN.



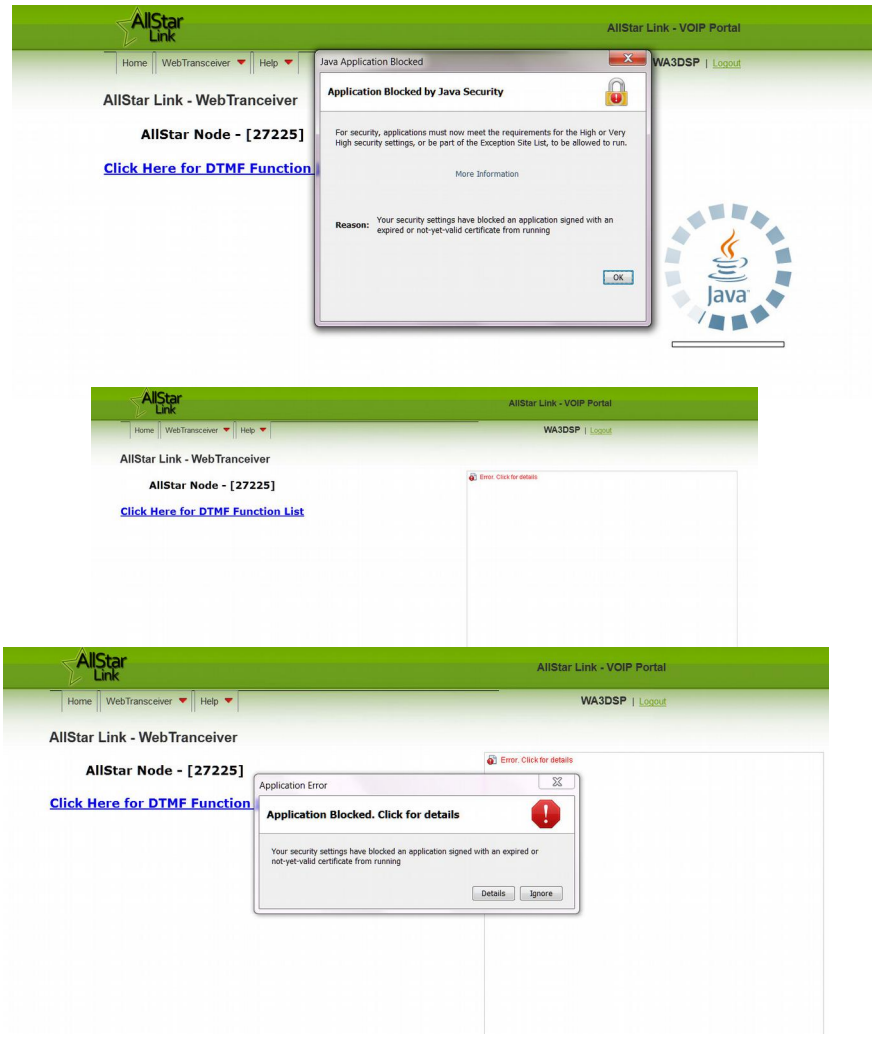
The web transceiver should open and look like this. Nodes that are currently connected to the node you selected will be displayed at the right side of the display in green. Note that due to a change in the Allstar numbering system there is an error in the display of the nodes. Any IRLP listed nodes are actually Allstar nodes with a missing “4” before the node number. So the node displayed as 0561 in this example is really node 40561.

Things that can go wrong

If you tried to run the Web Transceiver without configuring Java as shown above you could get the following error screens:



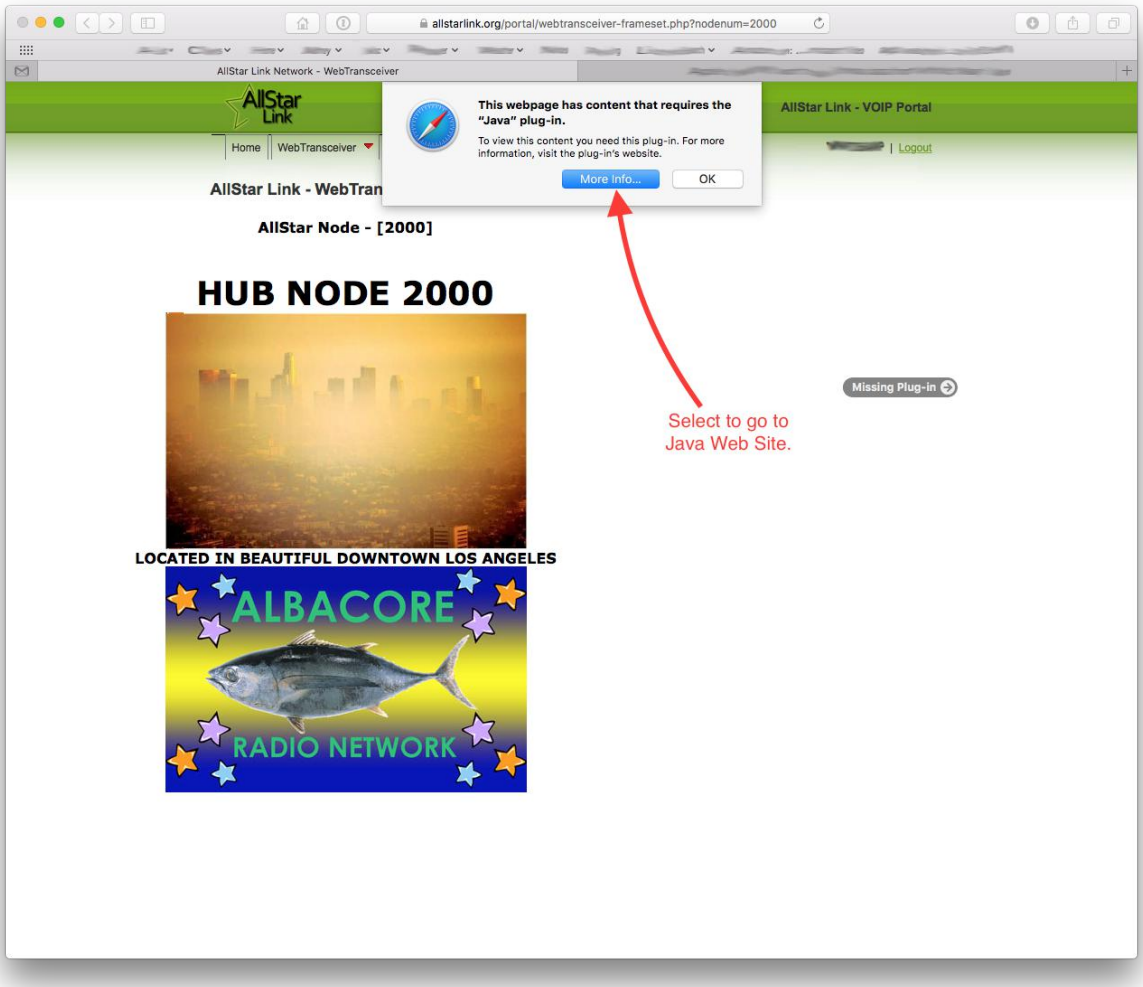
You select allow... then see this screen.



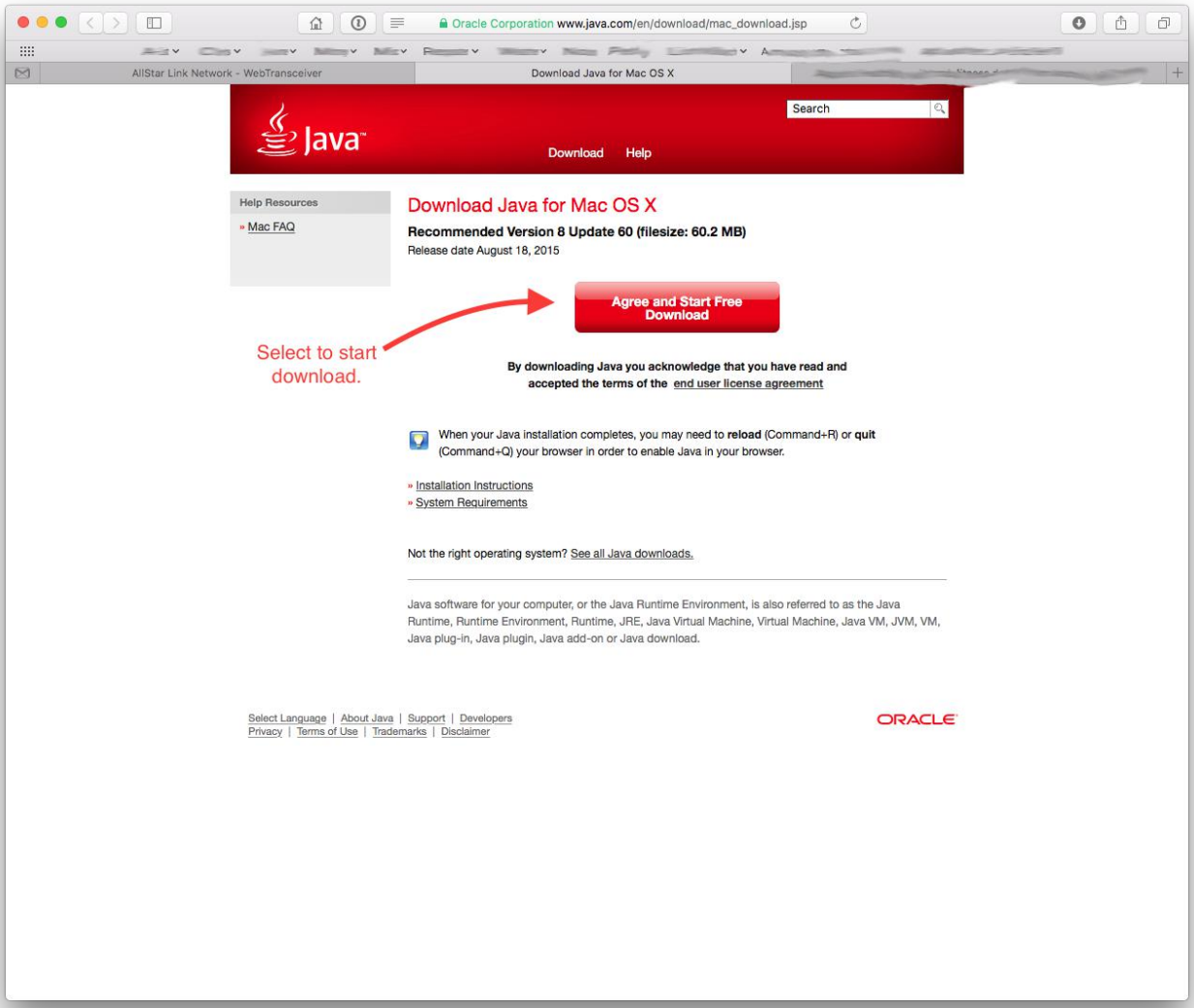
You can NOT ignore this error. You must configure Java with the allstarlink.org exception as shown in these instructions.

Mac OSX Java Installation Instructions

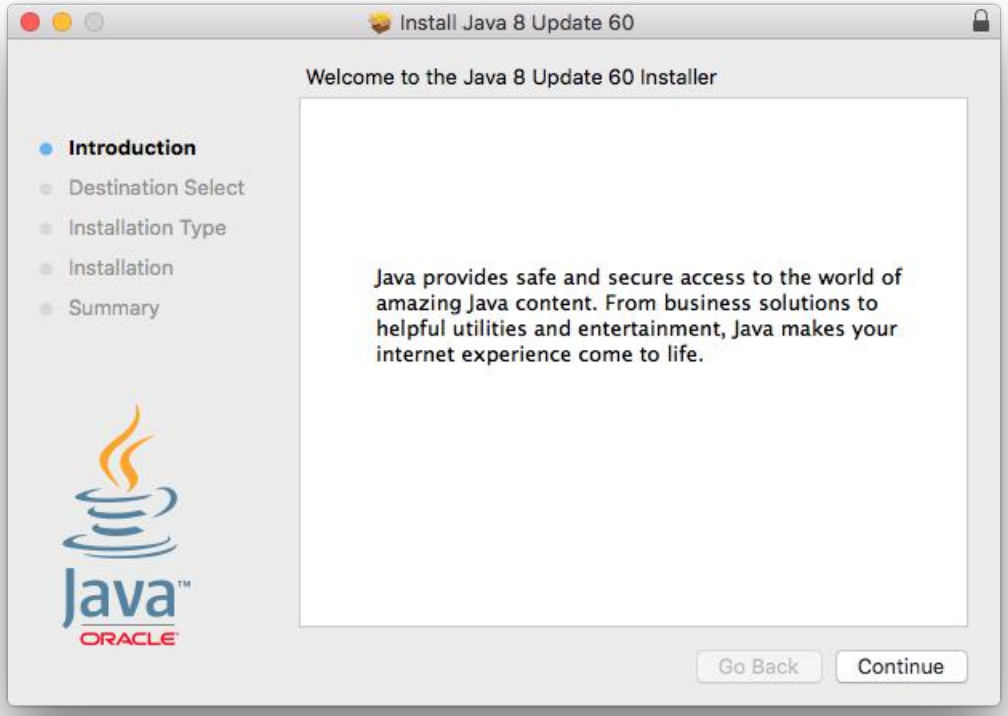
When you access the web transceiver at the allstarlink.org site you will get the following message if Java is not configured on your computer.



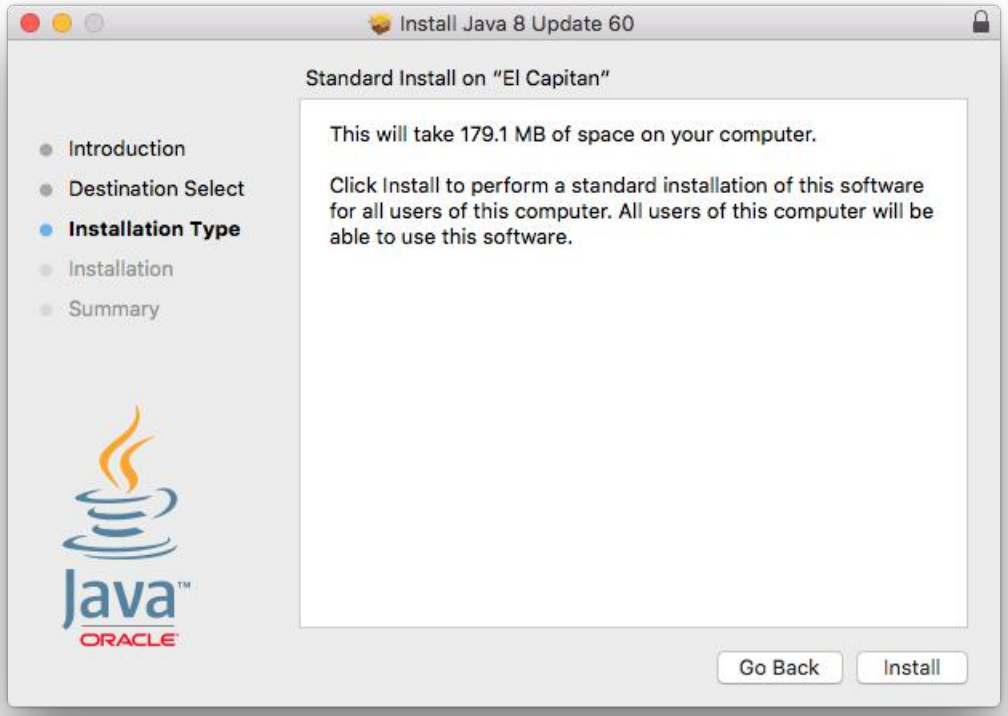
Download Java at www.java.com/en/download/mac_download.jsp



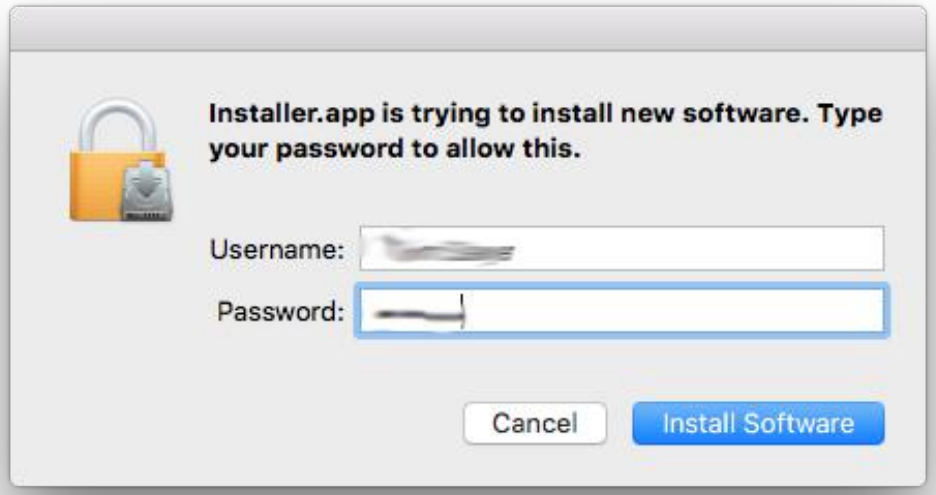
The version and update number may vary but it will be the latest available from the site.



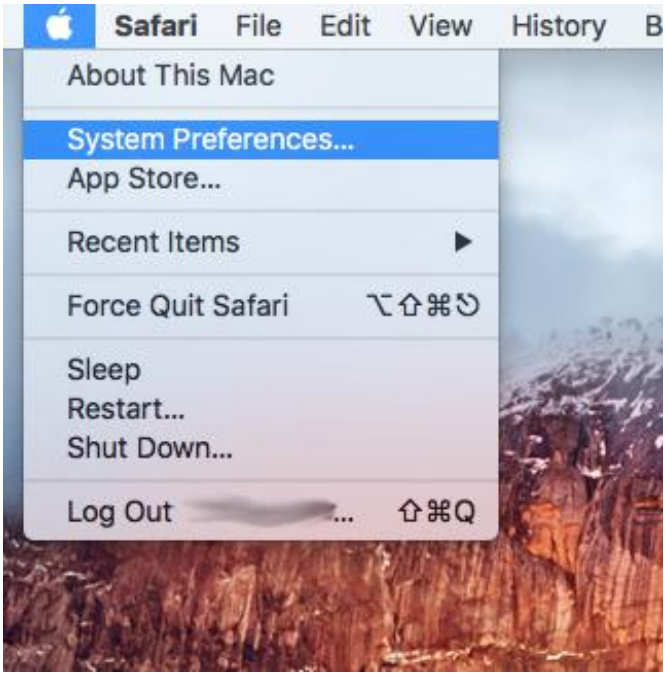
Select Continue.



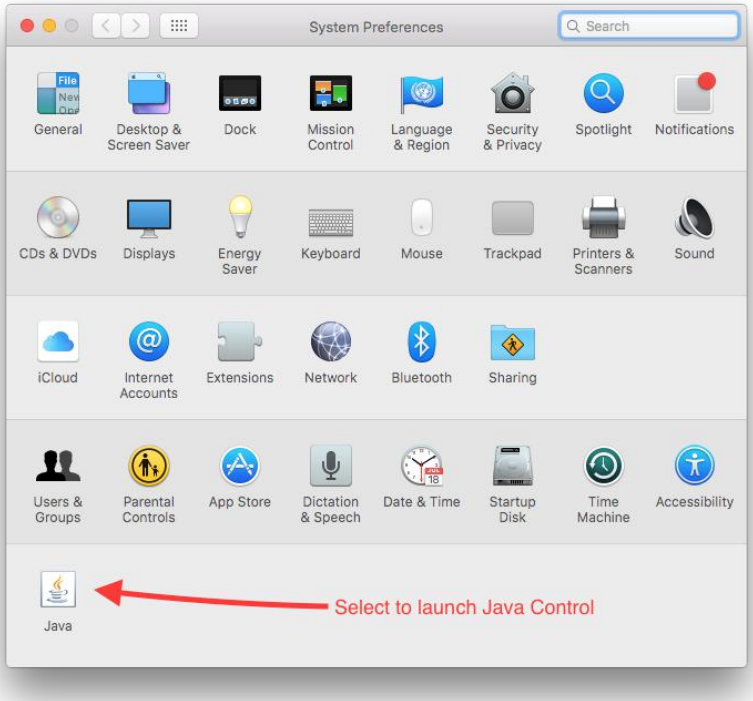
Select Install.



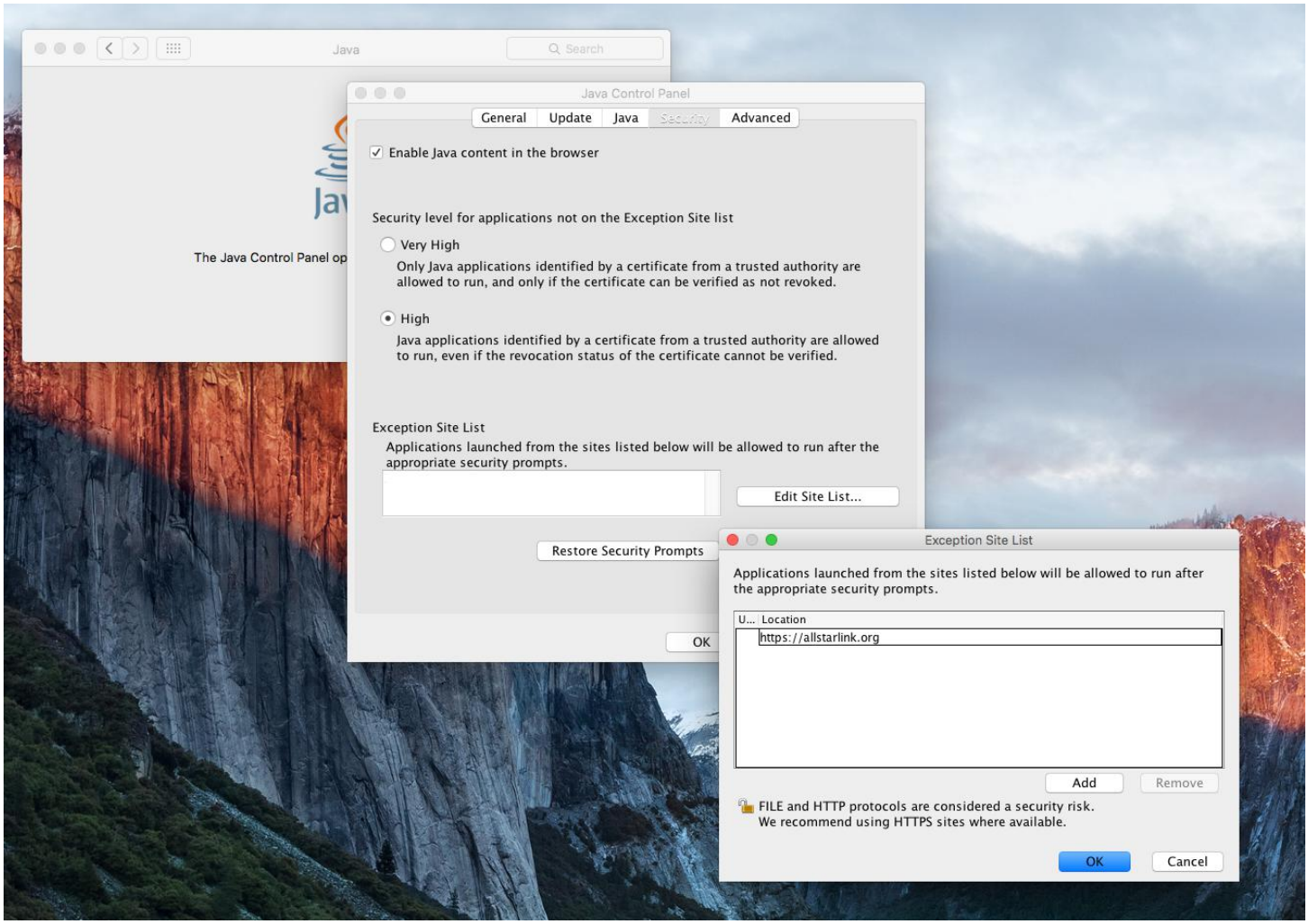
Enter your username and password to allow install.



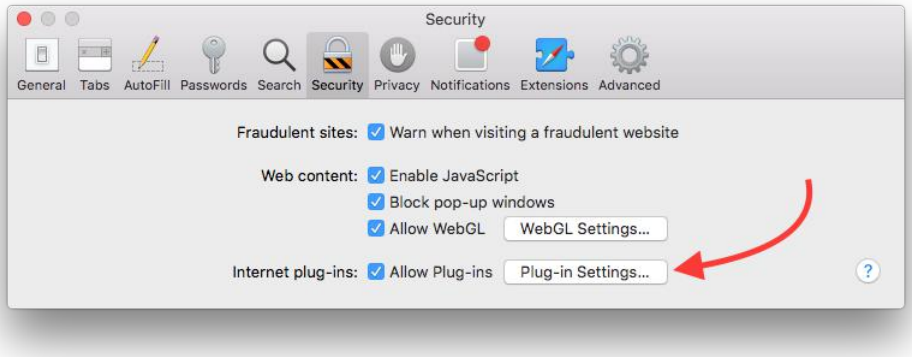
In the Apple tab open System Preferences.



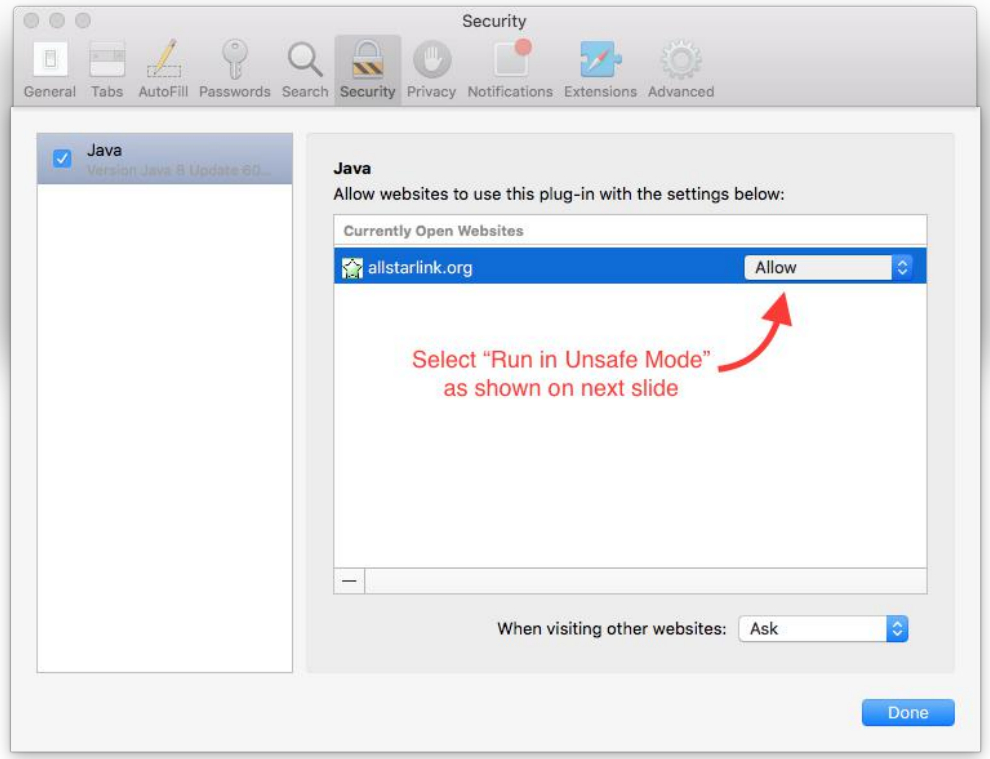
Select the Java icon as shown.

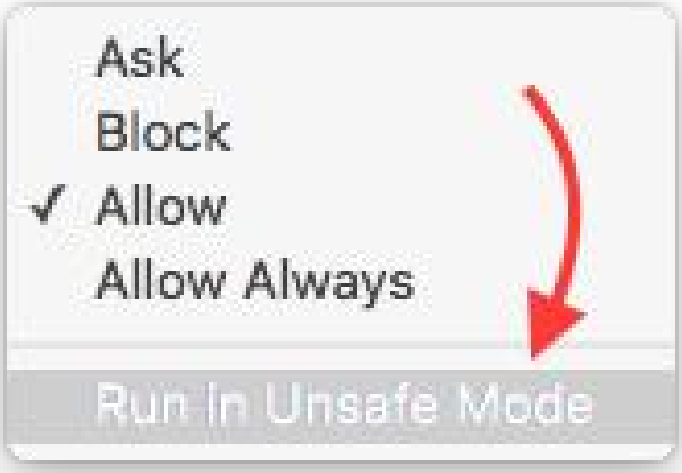


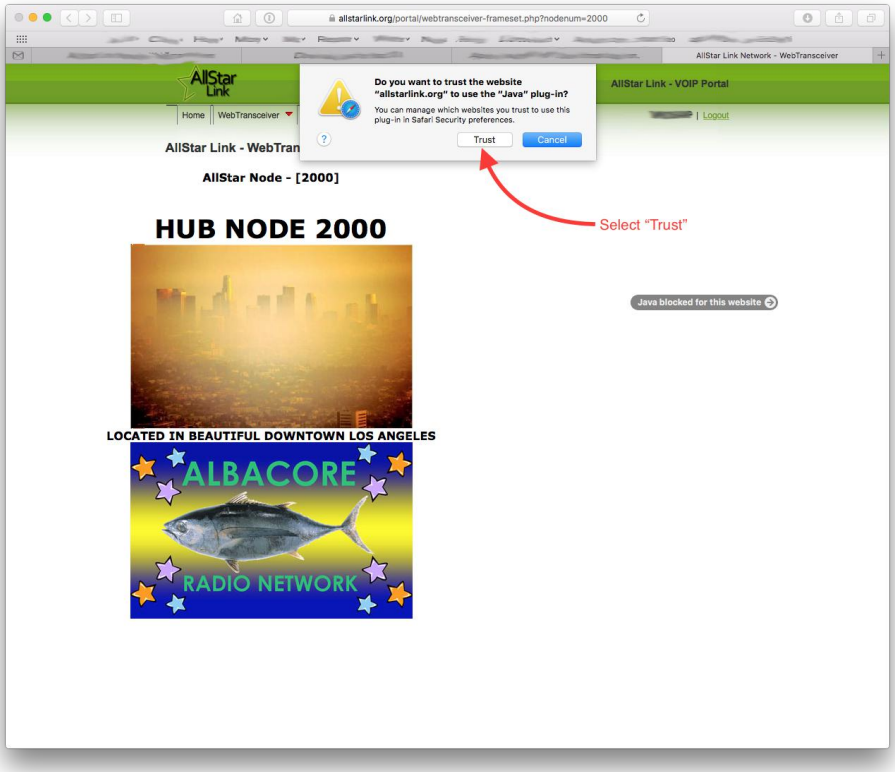
This will open the Java Control Panel. Make sure enable content in web browser is checked then click on Edit Site List. The third window will open. Select Add. Enter exactly: **https://allstarlink.org**



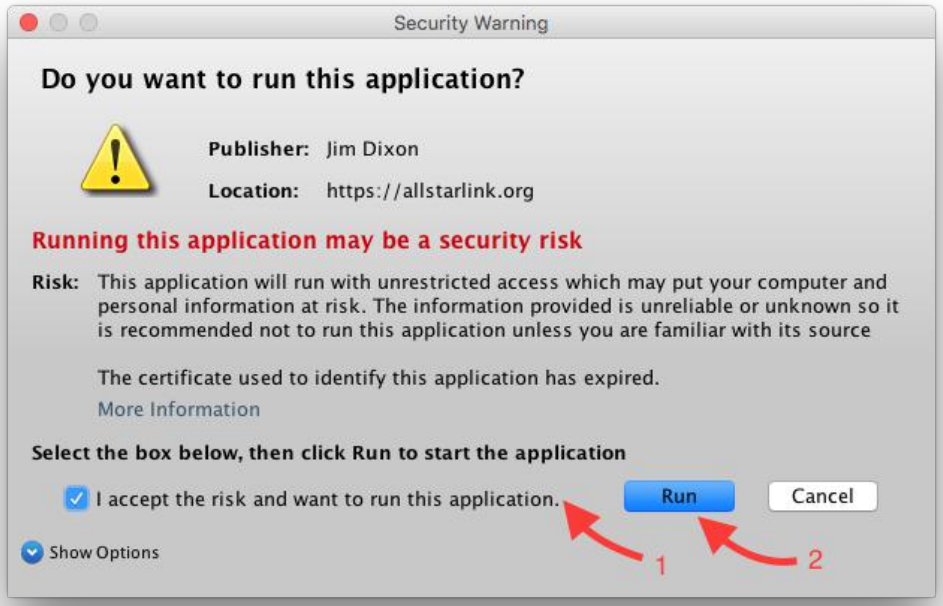
Now under the Extensions tab select Plug-in Settings.


Security
General
Tabs
AutoFill
Passwords
Search
Security
Privacy
Notifications
Extensions
Advanced
Java
Java
Allow websites to use this plug-in with the settings below:
Currently Open Websites
allstarlink.org
Allow
Select “Run in Unsafe Mode”
as shown on next slide
When visiting other websites:
Ask
Done

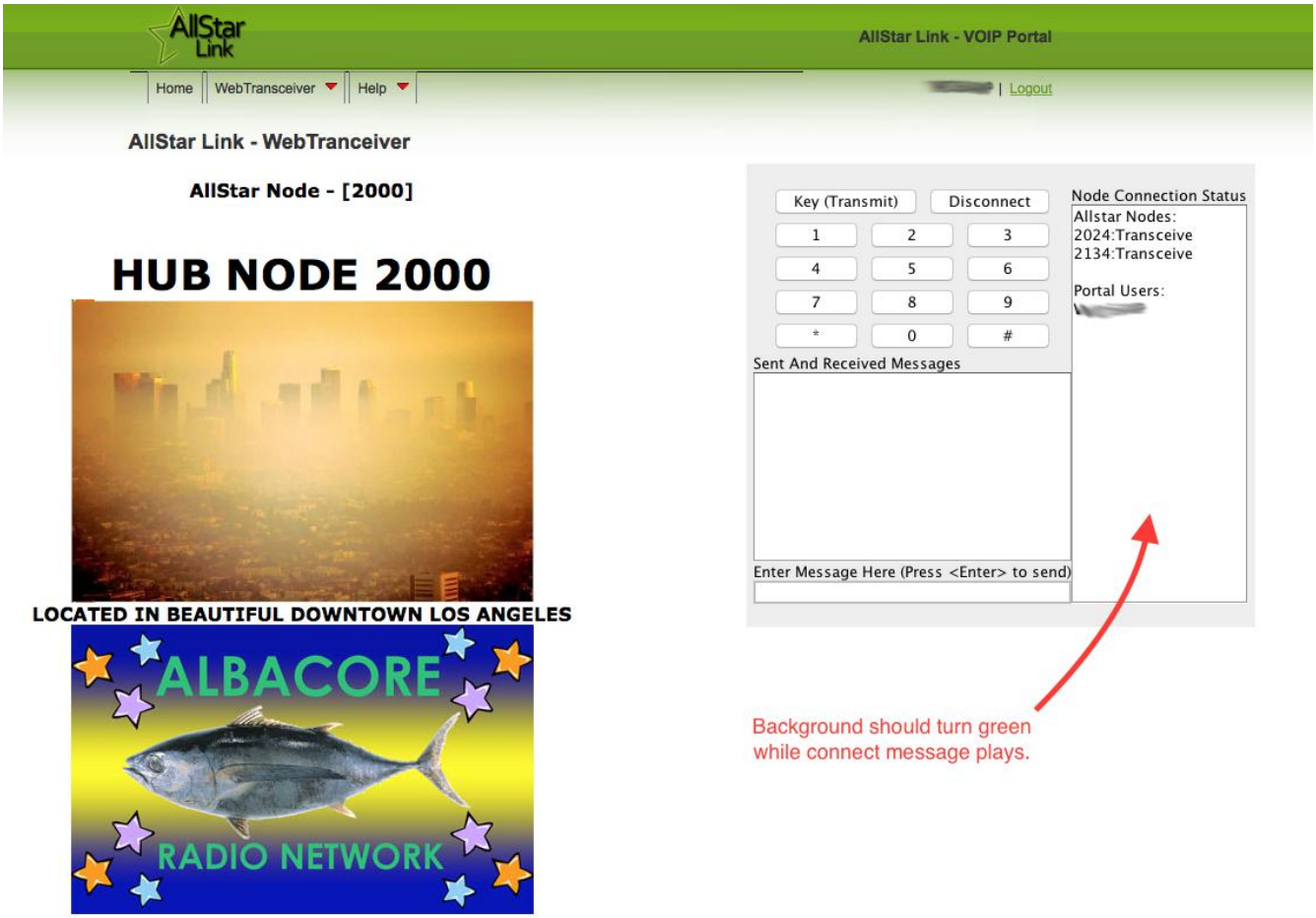

Ask
Block
✓ Allow
Allow Always
Run In Unsafe Mode



Now when you open the web transceiver you will see this message. Select that you trust the allstarlink.org site.



Check that you accept the risk and then click on Run.



And you should see the web transceiver screen.