983-Extracting Source From a NetLinx Processor

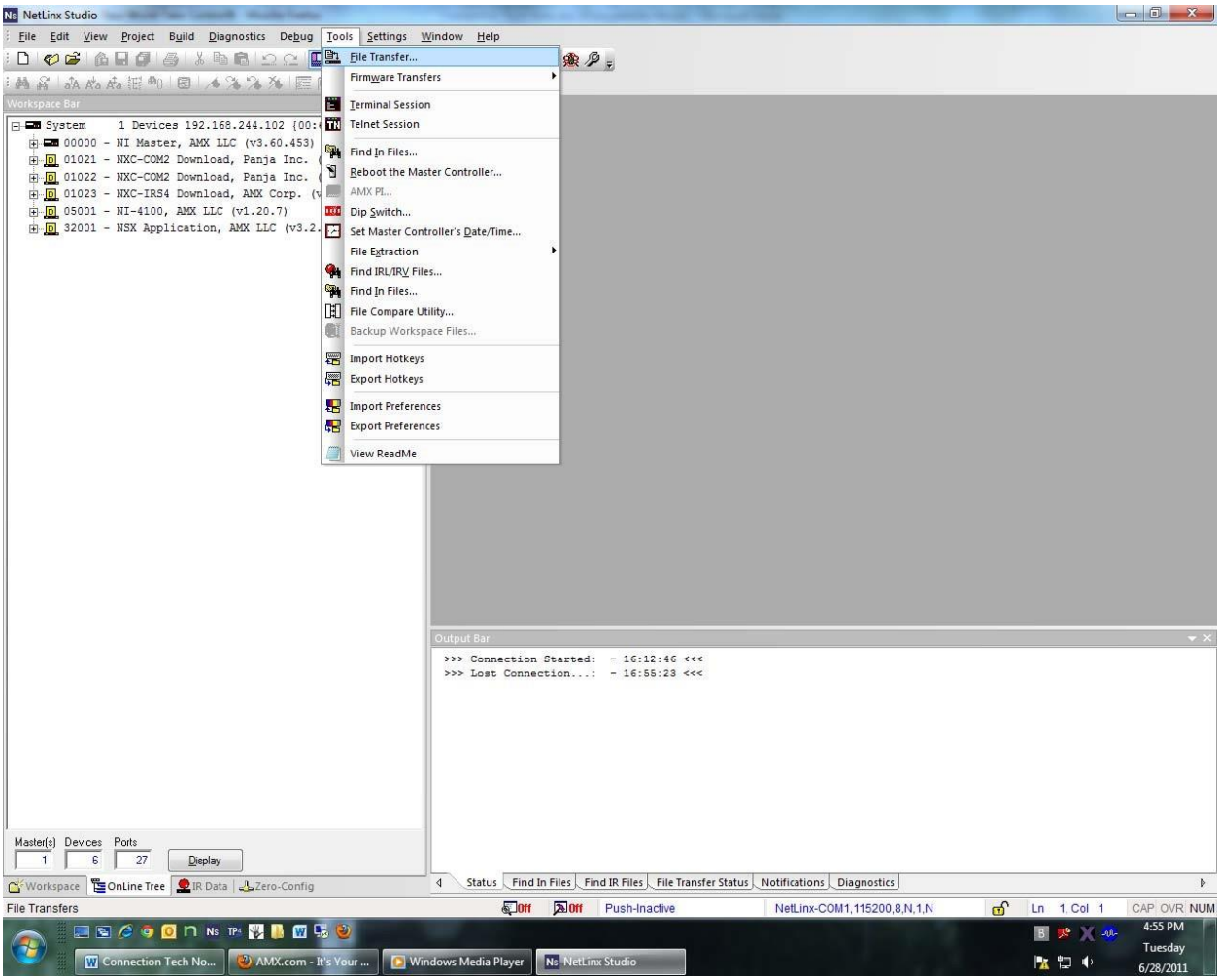
Extracting Source from a NetLinx Processor

As a preface, it is important to understand that the Source file "SRC" is not the code in the processor. It is what was uploaded in addition to the code when the programmer originally set up the system. The programmer can choose not to upload source. Additionally modules do not come out of the processor in the SRC file, so if modules were used, they will need to be located and put in the same folder with the extracted source in order to be able to compile and reload the code at a later date. In other words, don't expect the SRC you pull off to necessarily just load back to a replacement processor without other items – it is not necessarily the entirety of the code on the processor.

The following assumes you already have connection to the processor. If you do not, see Tech Note 982.

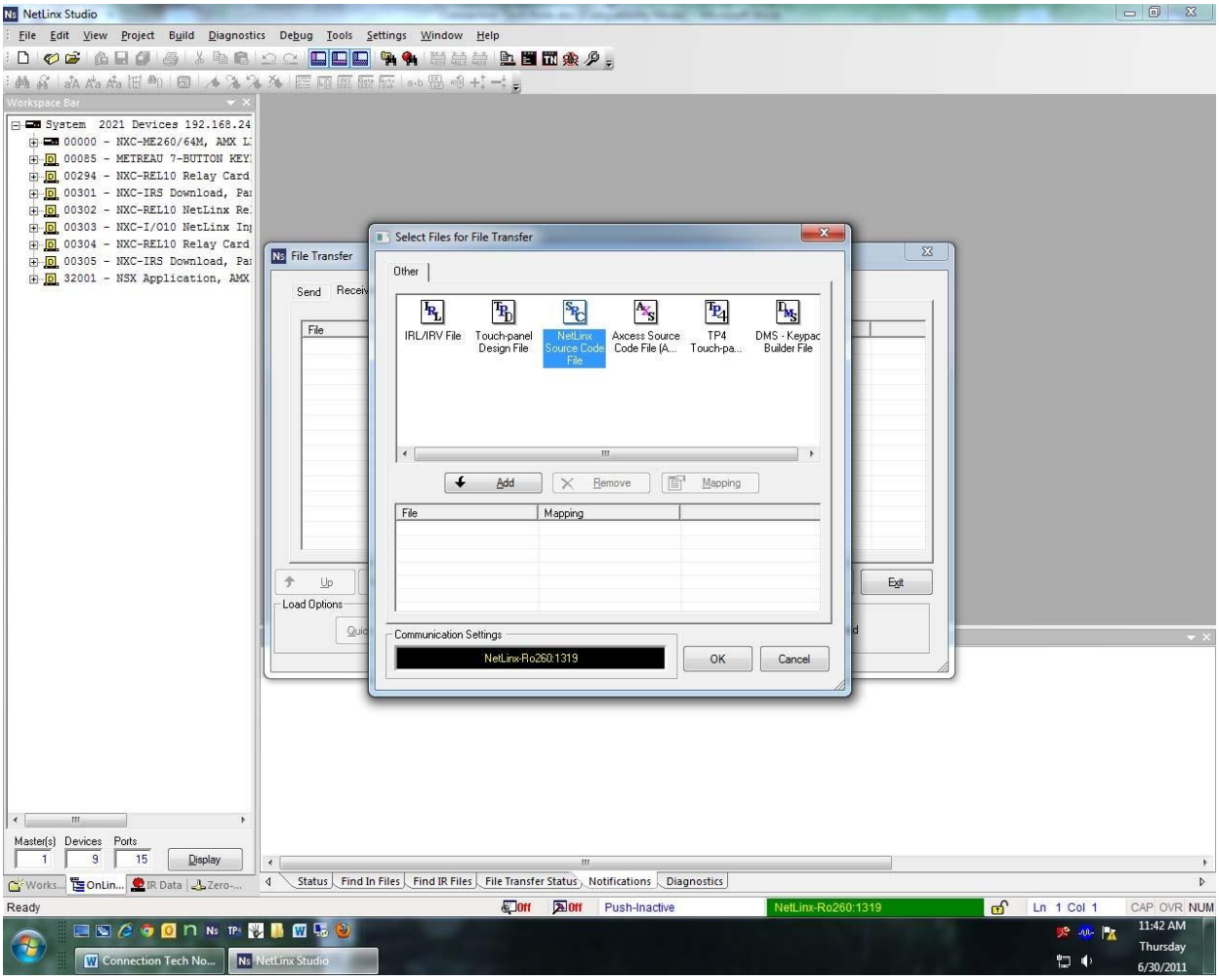
1. NetLinx Studio should already be open and configured to communicate as described in the prior mentioned tech note.

2. Select "Tools>FileTransfer" (see illustration)

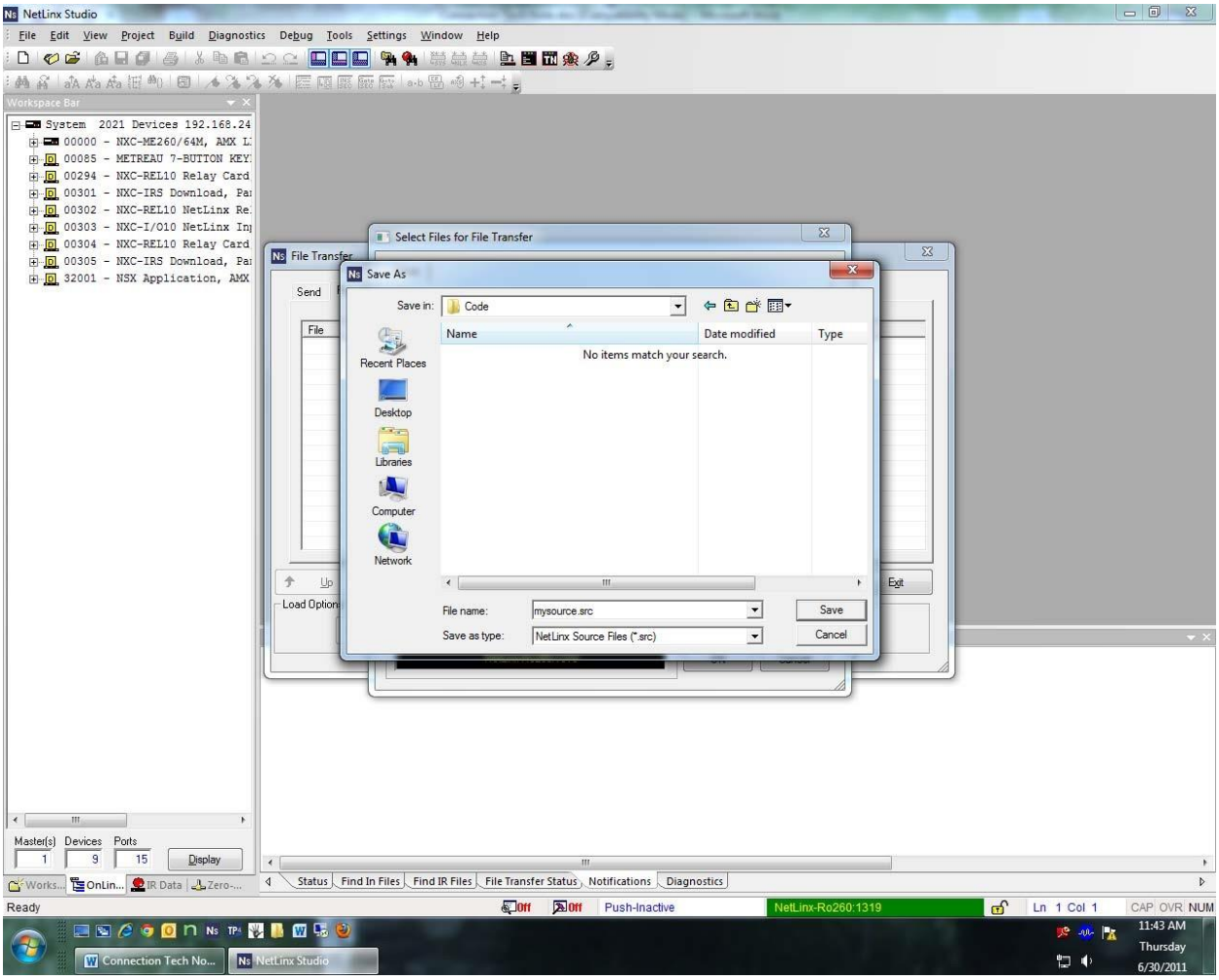


3. In the “File Transfer” dialog, Click the “Receive”Tab

4. Select “Netlinx Source Code File” (See Illustration)



5. Select “Add”, name your file, and choose where to save it(see illustration)



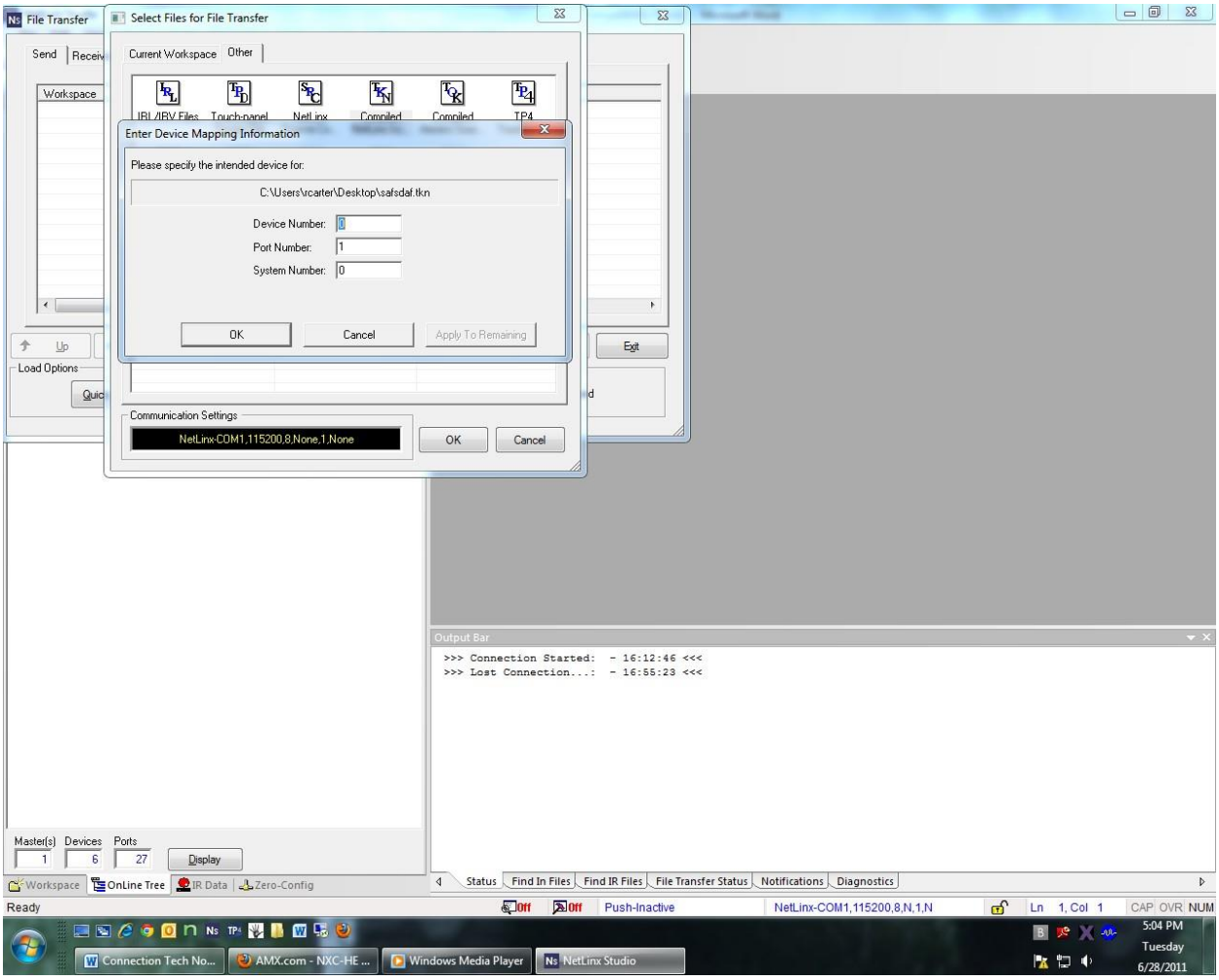
6. Click "Save"

7. In the "Enter device mapping" dialog, set (see illustration)

   a. Device number 0

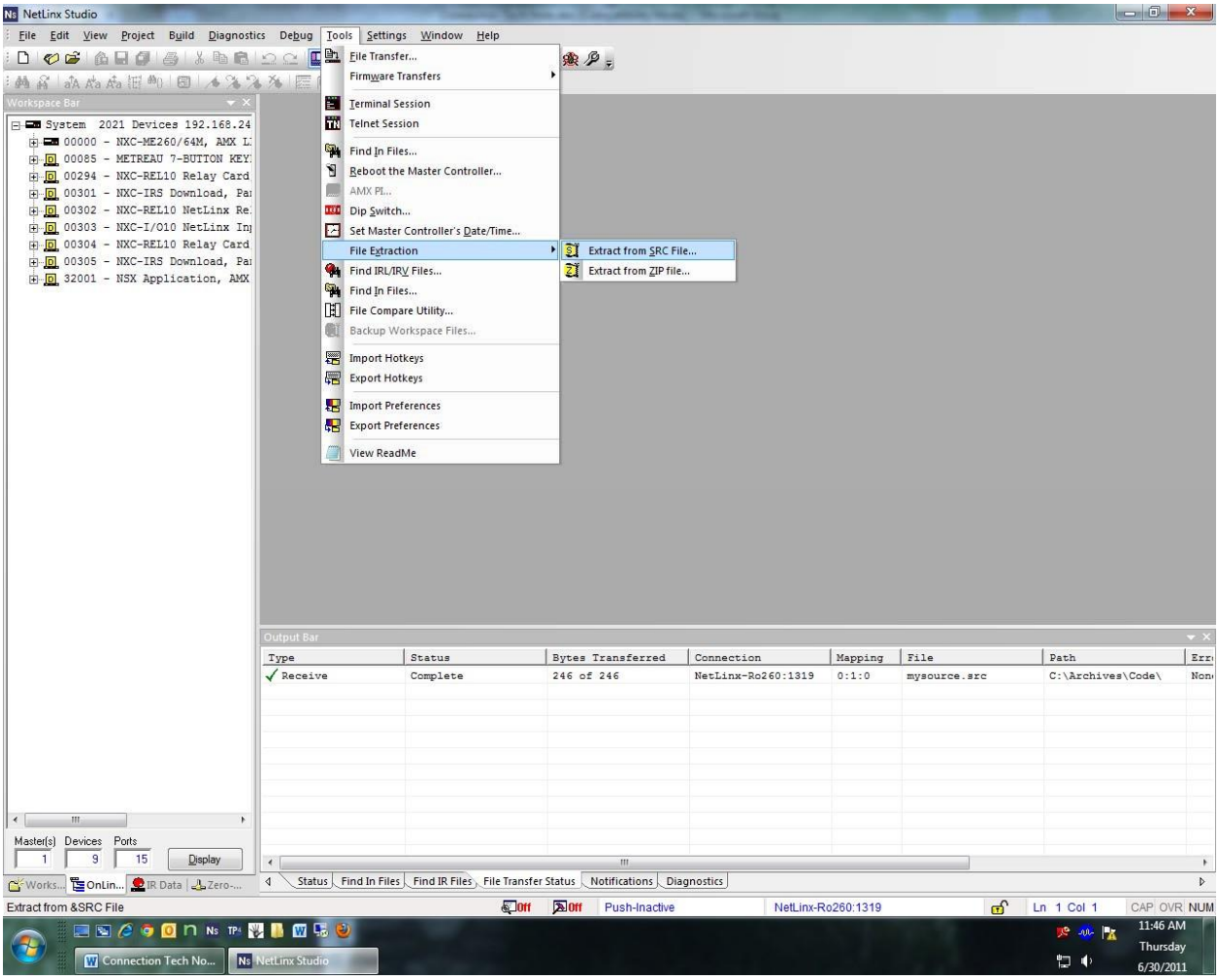
   b. Port number 1

   c. System number 0

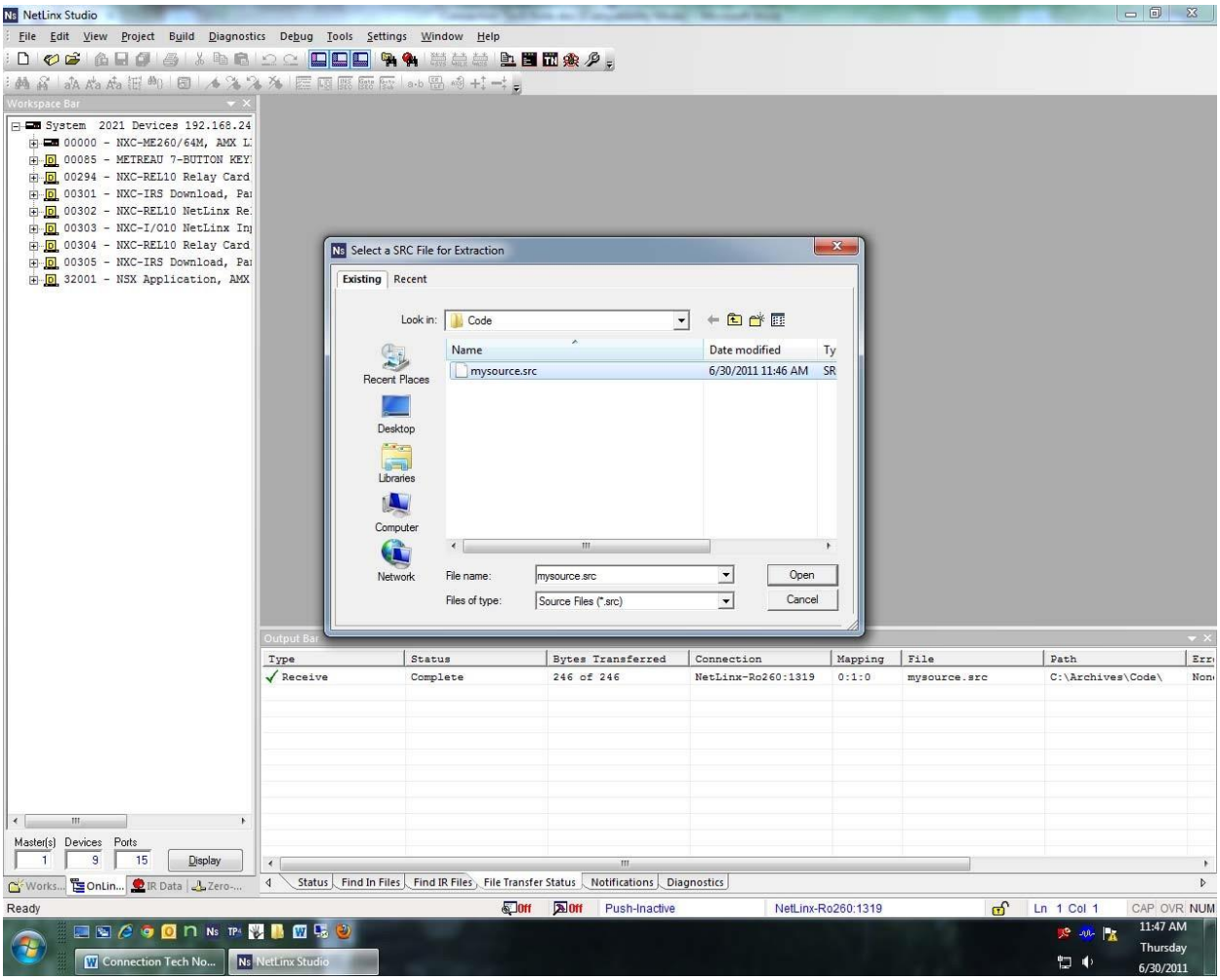


8. Click “ok”, “ok”, Click “Receive”, which saves the source to your computer.

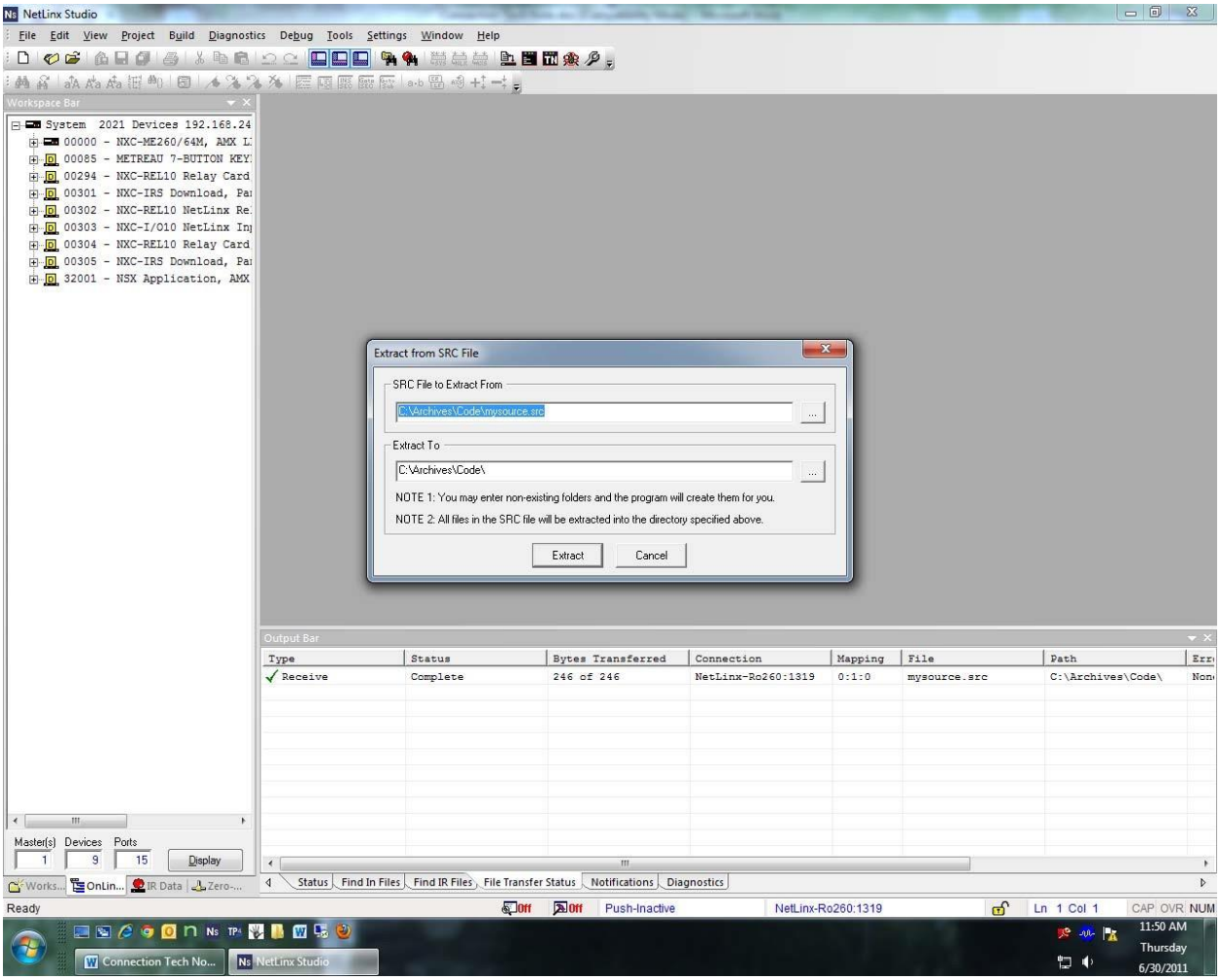
9. Now go to “Tools>File Extraction>Extract from SRC” (see Illustration)


NetLinx Studio
File Edit View Project Build Diagnostics Debug Tools Settings Window Help
File Transfer...
Firmware Transfers
Terminal Session
Telnet Session
Find In Files...
Reboot the Master Controller...
AMX PI...
Dip Switch...
Set Master Controller's Date/Time...
File Extraction
Find IRL/IRV Files...
Find In Files...
File Compare Utility...
Backup Workspace Files...
Import Hotkeys
Export Hotkeys
Import Preferences
Export Preferences
View ReadMe
Extract from SRC File...
Extract from ZIP file...
Workspace Bar
System 2021 Devices 192.168.24
00000 - NXC-ME260/64M, AMX L
00085 - METREAU 7-BUTTON KEY
00294 - NXC-REL10 Relay Card
00301 - NXC-IRS Download, Pa
00302 - NXC-REL10 NetLinx Re
00303 - NXC-I/O10 NetLinx In
00304 - NXC-REL10 Relay Card
00305 - NXC-IRS Download, Pa
32001 - NSX Application, AMX
Master(s) Devices Ports
1 9 15
Display
Output Bar
Type Status Bytes Transferred Connection Mapping File Path
Receive Complete 246 of 246 NetLinx-Ro260:1319 0:1:0 mysource.src C:\Archives\Code\
Status Find In Files Find IR Files File Transfer Status Notifications Diagnostics
Extract from &SRC File
Push-Inactive
NetLinx-Ro260:1319
Ln 1 Col 1
CAP OVR NUM
Connection Tech No...
NetLinx Studio
11:46 AM
Thursday
6/30/2011

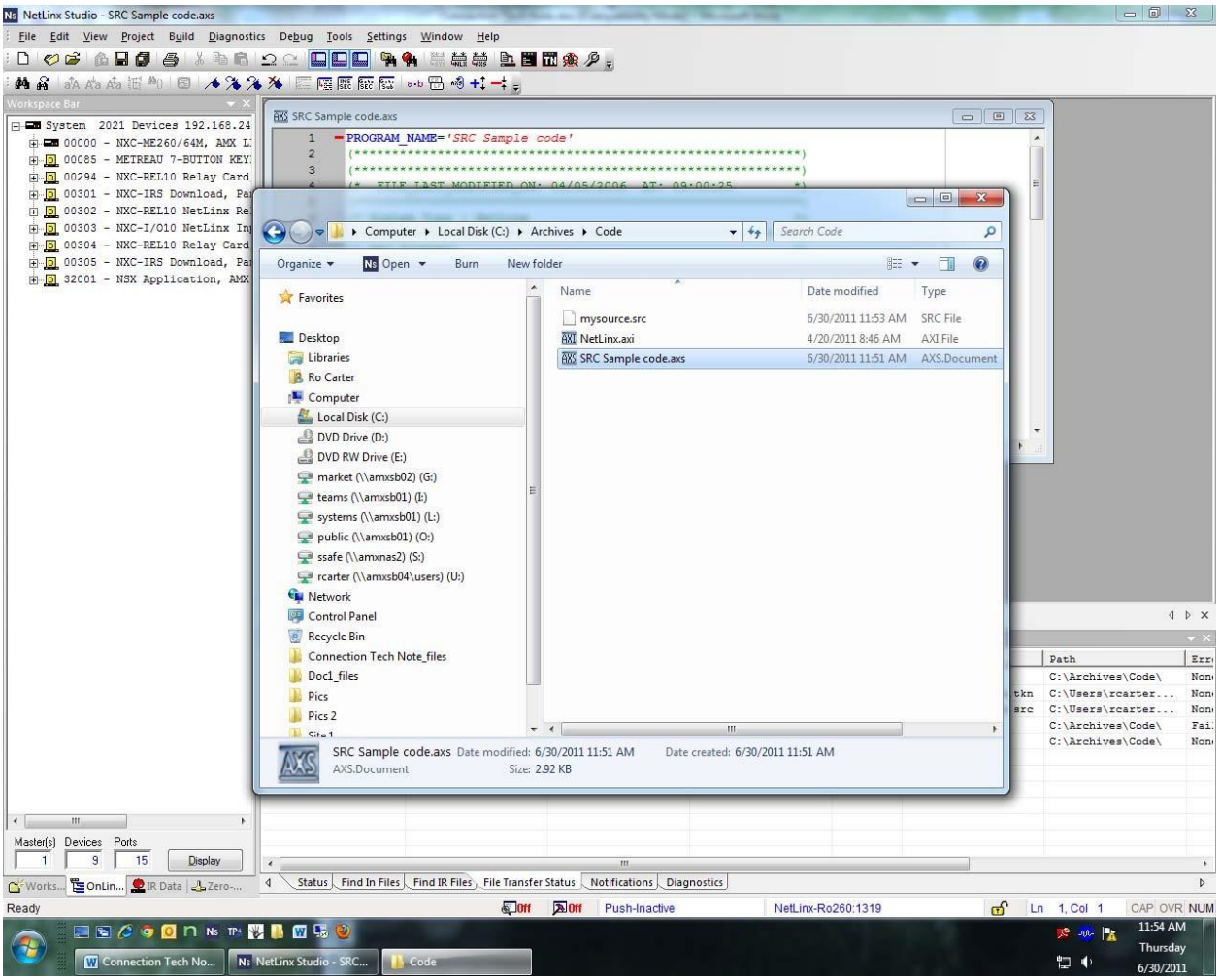
Browse to the folder containing your SRC file, select it, and hit "Open" (See Illustration)



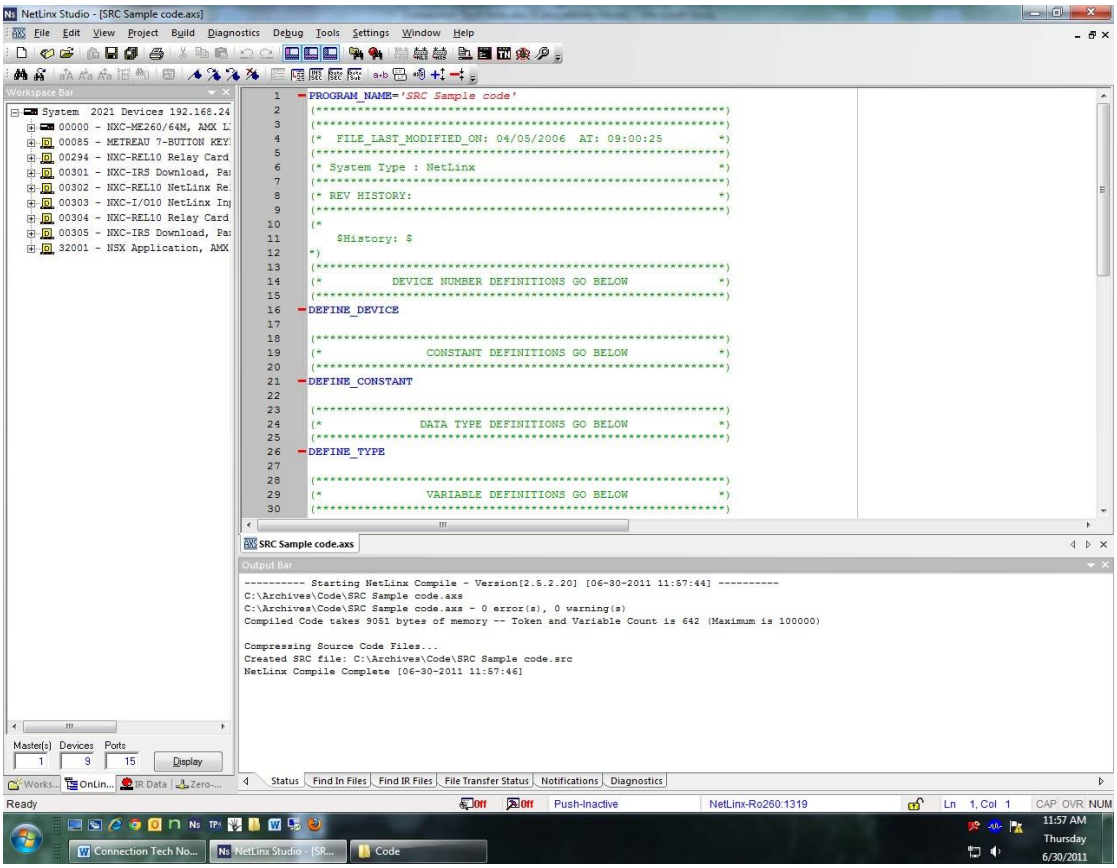
11 The next dialog boxes are just for clicking ok to extract the files. Note the "Extract To" window. This is where your files will be located when extraction is complete (See Illustration)



12. Browse to the folder where the files were extracted and locate the AXS, double click it loading it in studio (See Illustration)



Click “Build>Compile”, if the compiler runs and you see a message saying “0 errors, 0 Warnings” the code is viable and usable. If you receive errors, you are likely missign modules and the code will need to be reassembled. Often if the modules are from AMX, they can be found on the website. If they are custom modules, they will need to be located elsewhere. Either way, call your programmer. (See Illustration)



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