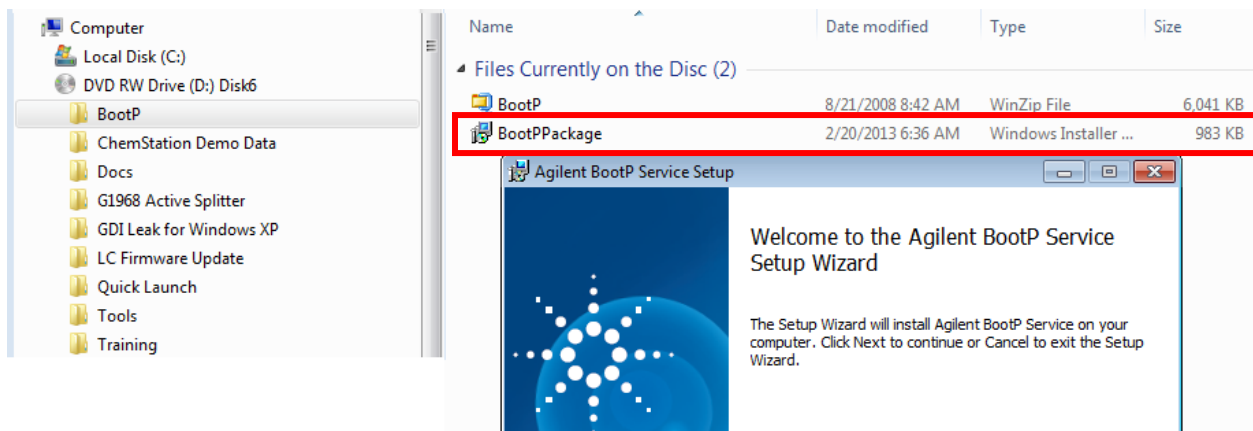# Installing and Using the BootP Service from OpenLAB Support and Utilities Disc
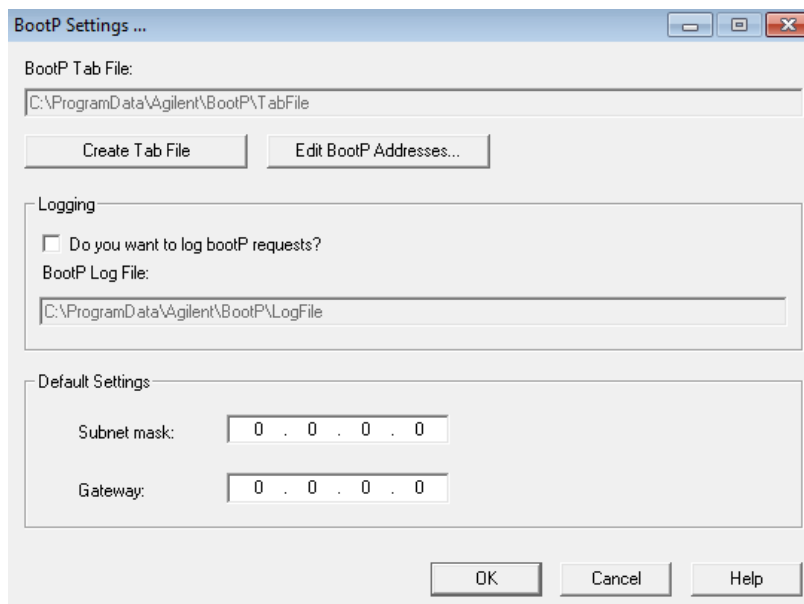
BootP Installation

The BootP Service is provided with the OpenLAB CDS Chemstation **Support and Utilities Disc**

Install by running "**BootP\BootPPackage**"

Follow all of the Installation Screens accepting default parameters

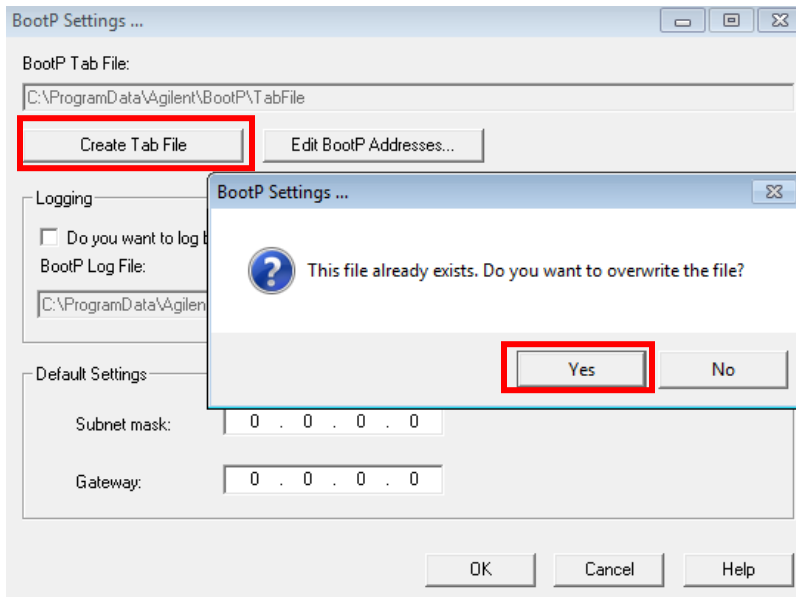When the Installation is complete you will see this screen….

<mark>NOTES:</mark>

- The BootP Service is not "Started" yet
- Make selections for "Logging BootP Requests" and "Default settings" before Creating the "Tab File" – if these are changed you must re-Create the Tab File
- The Directory **C:\Program Data\Agilent\BootP** is a hidden directory in Windows 7 to see it you must set "**Folder Options**" to "**Show Hidden Files**"
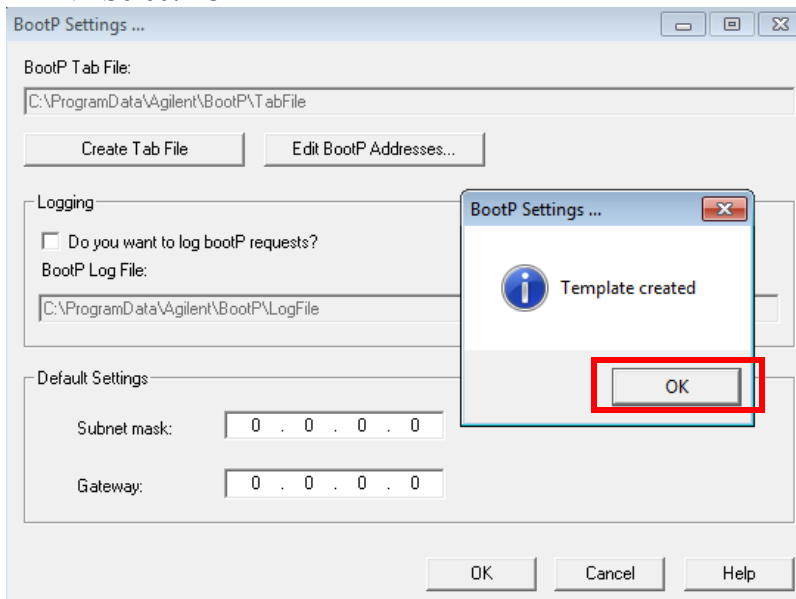
Create a BootP Tab File

This procedure **does not use "Logging BootP Requests"** – the **Jet Direct Card MAC address** must be read off of the card and **entered manually** into the "**Add BootP Entry**" Table.

The procedure for "Logging BootP Requests" is at the end of the document.

1. Select "**Create Tab File**" – answer "**YES**" to overwrite - <mark>**Very Important**</mark>
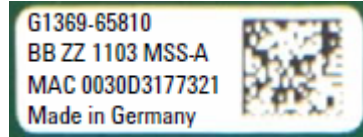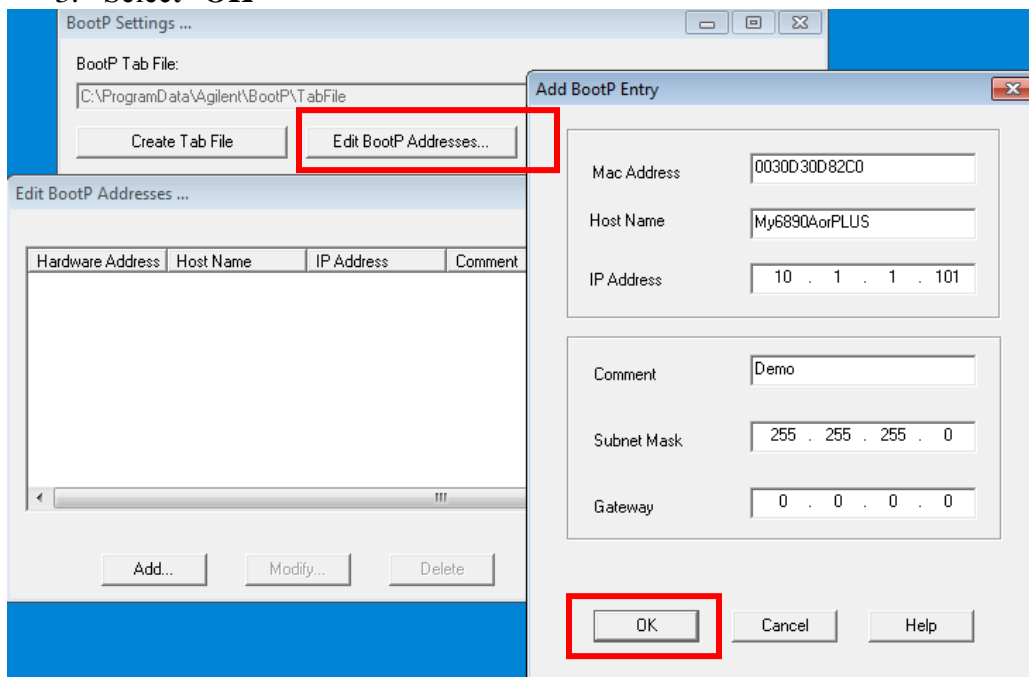

2. Select "OK"

Create a BootP Entry for your Instrument Jet Direct Card

1. Select "Edit BootP Addresses"
2. Read the MAC address from your Jet Direct Card and enter it into the table – ACCURATELY!
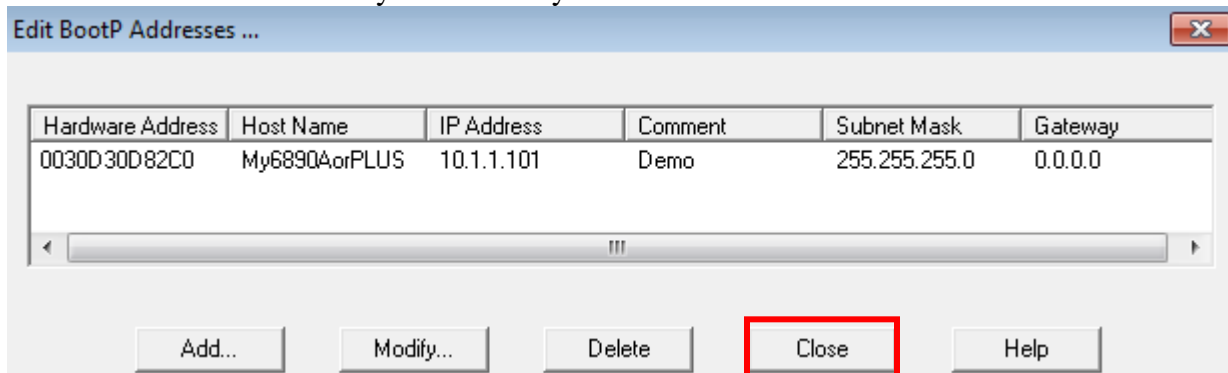
G1369-65810
BB ZZ 1103 MSS-A
MAC 0030D3177321
Made in Germany

(To get the MAC address from the BootP "Logfile", refer to the next Procedure)

1. Enter a **Host Name** – **required field -** it must start with an "Alpha" character.
2. Enter the **IP Address, Subnet Mask and Gateway** as required
3. Select "**OK**"
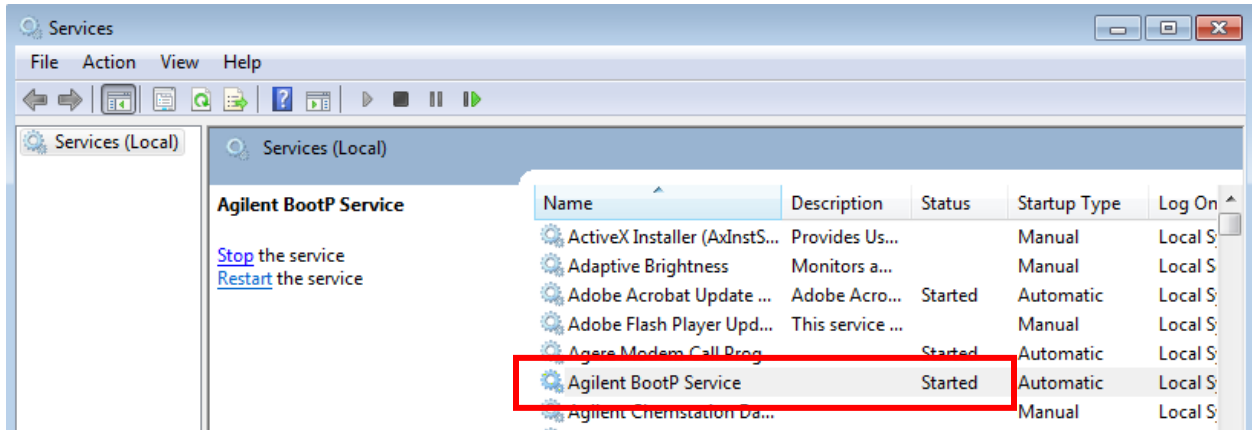
(BootP Service has still not been "Started")
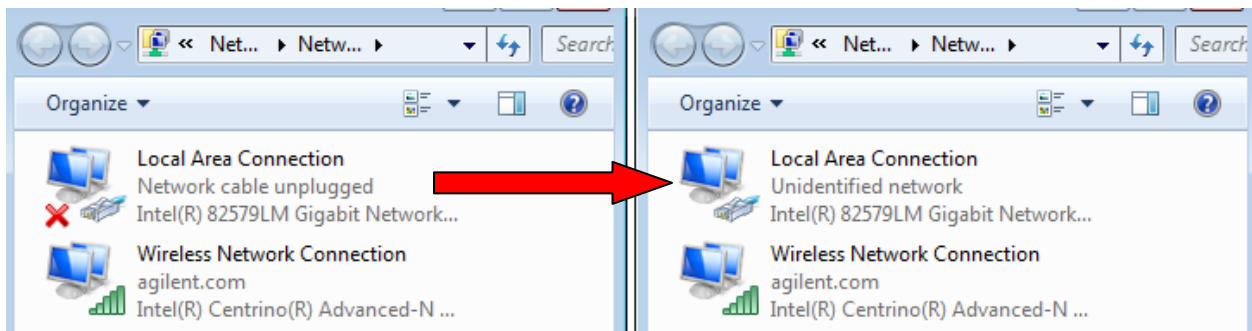
4. Check the Table Entry for Accuracy

5. Select "**Close**" then "**OK**" to Close and save "**BootP Settings**"

4/12/2013

Using BootP to set the Instrument IP Address

1. Start the BootP Service from PC "Services" (Or Re-boot the PC)

2. Confirm correct Jet Direct Card configuration switches for BootP configuration.
3. Connect the Instrument Jet Direct Card to the PC with a Crossover Cable (or Network)
4. Set the PC "TCP/IP" properties to appropriate IP Address, Subnet Mask etc.
5. Turn on the Instrument and confirm network hardware connection.

Once the Instrument Self-Test is completed, the Jet direct card "broadcasts" the MAC address.
The PC running BootP receives it and checks the "Tab file" for a match.
If the MAC address matches, BootP will issue the IP settings back to the Jet Direct Card.

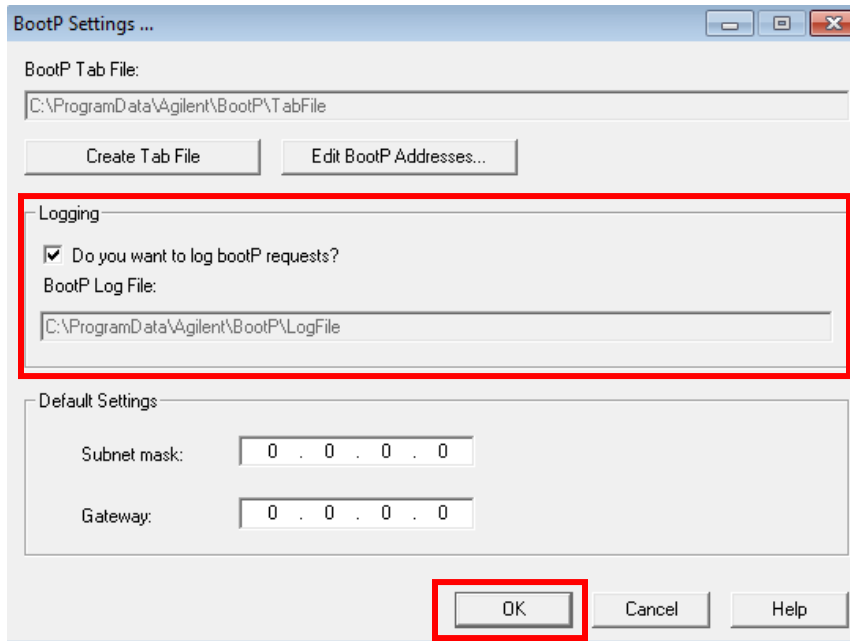6. Confirm by running "**PING**" from the DOS Command Prompt

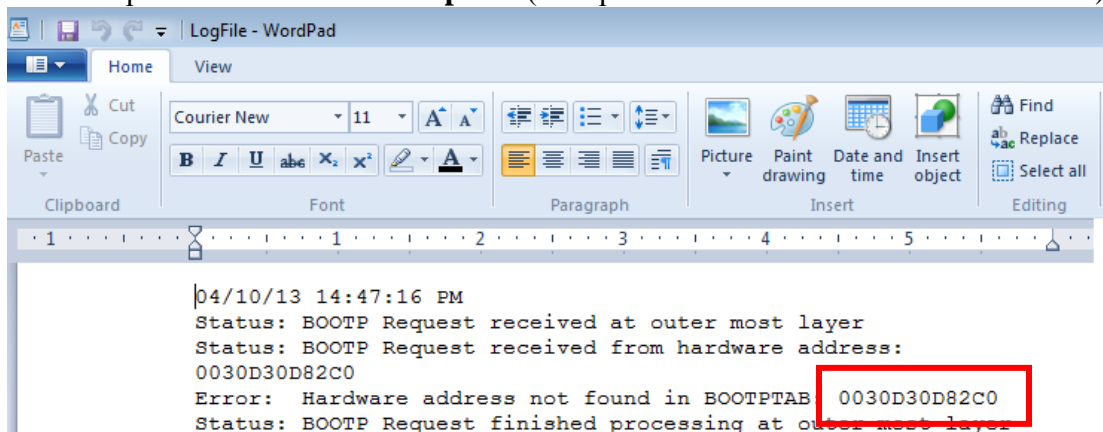## Using the "BootP Logfile" to get the Jet Direct MAC address

1. Stop the BootP Service from the PC "Services"
2. Open "**Edit BootP Settings**"
3. **Select Logging**: "Do you want to log BootP requests"
4. Select "**OK**"

5. Select "**Create Tab File**" and **Overwrite** the old Tab File
6. Select "**OK**"
7. Restart the BootP Service
8. Power on the Instrument – Complete the Self Test
9. Navigate to the BootP "Logfile" – **C:\ProgramData\Agilent\BootP\Logfile**

NOTE: this is a hidden directory to see it you must set "**Folder Options**" to "**Show Hidden Files**"

10. Open the File with "**Wordpad**". (Notepad doesn't show individual line-feeds)

The **MAC adress is in the BootP Entry**

NOTE: When complete **turn off logging** in "BootP Settings" to prevent the logfile from getting "HUGE" - especially if the PC is on a Site Network connection.