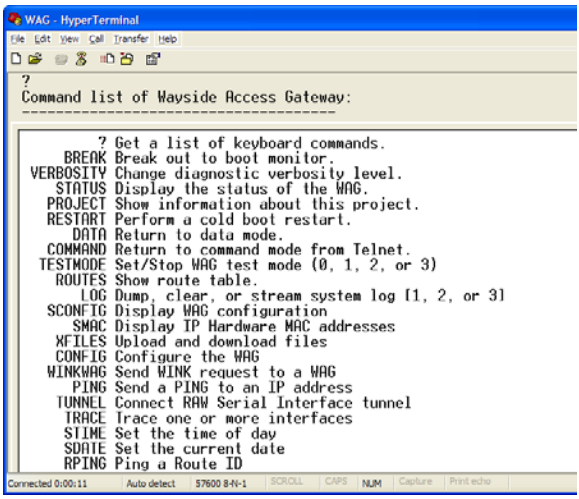
SIEMENS

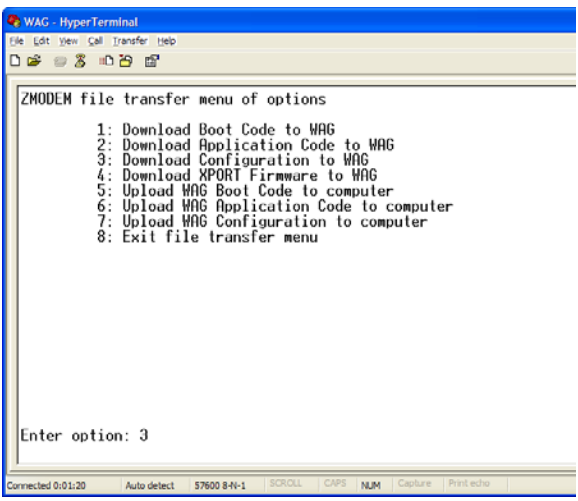
QUICK REFERENCE GUIDE
WAG CONFIGURATION
Document No. SIG-QG-08-04-003A.1

WAG – Downloading Configurations

1) Connect PC to the Siemens WAG using a 9-pin to 25-pin serial cable with a null modem adaptor.
2) Set up HyperTerminal as described in SIG-QG-08-04-001.
3) Type **?** on the HyperTerminal screen to display the WAG menu.



4) Type **XFILES**.



5) Select option 3 – **Download Configuration to WAG**.

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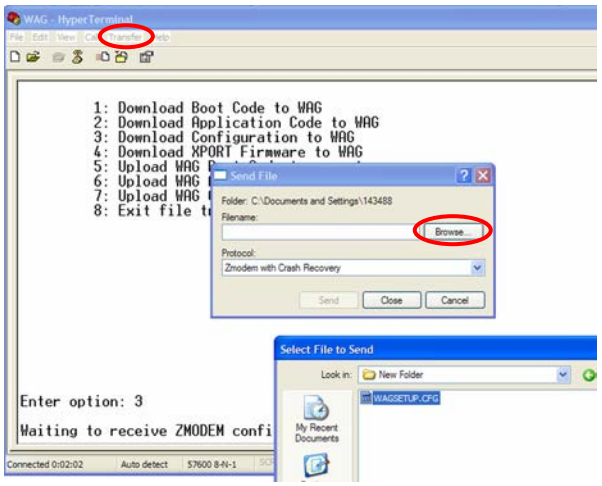


6) On the HyperTerminal screen select the **Transfer** menu then select **Send file**. On the Send File window use the **Browse** button to locate the .CFG file.

   Note: The WAG will sometimes time out and the user will have to re-do these steps.

7) Reset the WAG by cycling power to the unit.

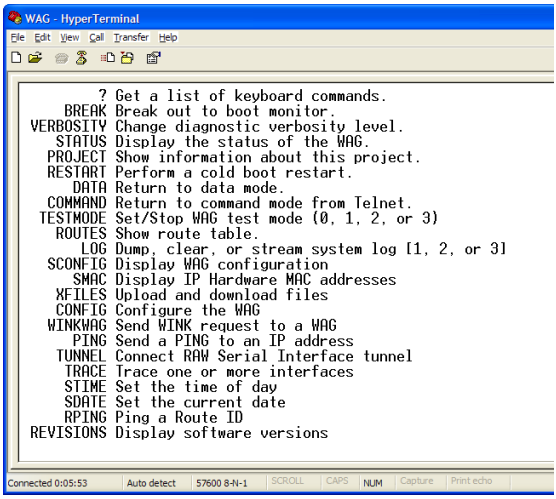
   Note: Following download of the new WAG configuration, the serial port settings in HyperTerminal may need to be changed to be compatible with the new J1 port settings on the WAG.

   The new WAG configuration setting for J1 must also be set for RS232 protocal before attempting to access the WAG using HyperTerminal. If HyperTerminal cannot connect to the WAG, select option 7 from the Boot Options menu on the HyperTerminal screen to set the WAG to RS232.

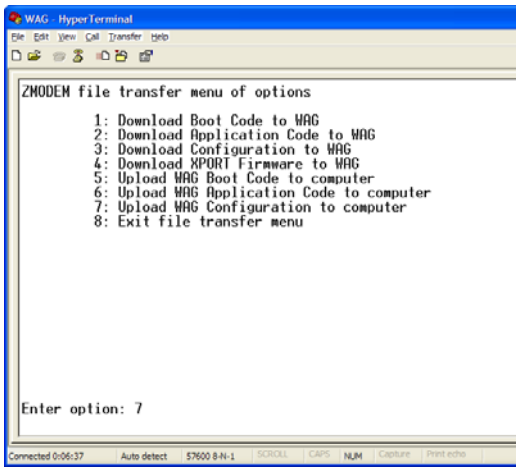
8) On the HyperTerminal screen, type **?** and use the **SDATE** and **STIME** commands to enter in the date and time.

WAG – Uploading Configurations

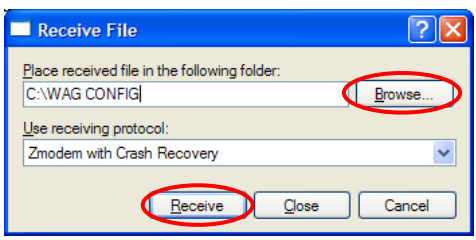
1) To upload the configuration from the WAG, set up HyperTerminal as described in SIG-QG-08-04-001.
2) Type **?** on the HyperTerminal screen.



3) Type **XFILES**
4) Select option 7 – **Upload WAG Configuration to computer**.



5) On the HyperTerminal **Transfer** menu select **Receive file**.
6) Using the **Browse** button, navigate to an appropriate folder on the computer and then click the **Receive** button:



WAG – Downloading Executive

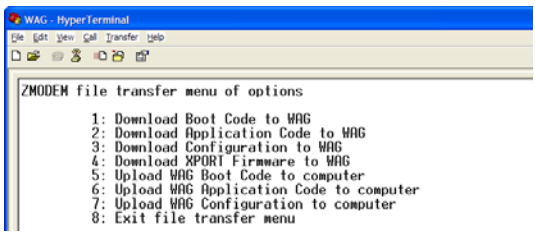
There are four files associated with executive downloads. These are:

- **WAGBOOT_*x*.WAG**, where *x* is the version letter or number (this is the BOOT software)
- **WAGEXEC_x.BIN**, where x is the version letter (this is the EXECUTIVE software).
- **XILWAG.BIN** (this is the XILINX software)
- **XPTEX.ROM** (this is the XPORT software)

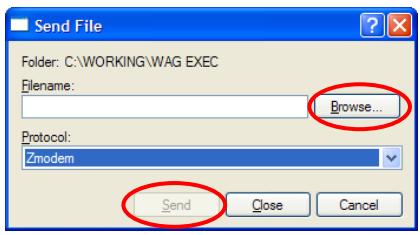
Download these files as needed using the appropriate procedure provided below. Multiple files may be downloaded before restarting the WAG.

To download WAGBOOT_x.WAG:

1) Connect to the WAG using HyperTerminal.
2) Type **XFILES**.
3) Select option 1 to **Download Boot Code to WAG**.



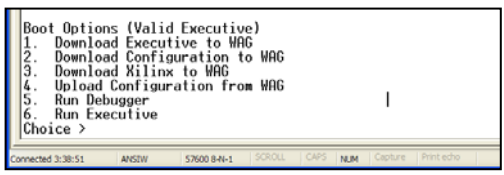
4) On the HyperTerminal **Transfer** menu select **Send file**.
5) Use the **Browse** button to locate the file. Select the file and the ZMODEM protocol.
6) Click the **Send** button.



7) Press **Enter** when complete.
8) Reset the WAG by cycling power to the unit.

To download WAGEXEC_x.BIN:

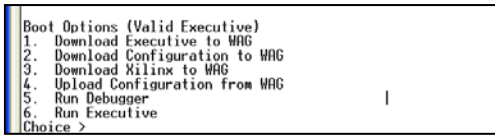
1) Connect to the WAG using HyperTerminal.
2) Type **XFILES**.
3) Select option 1 from the Boot Options menu on the HyperTerminal screen to download the executive (within 5 seconds).



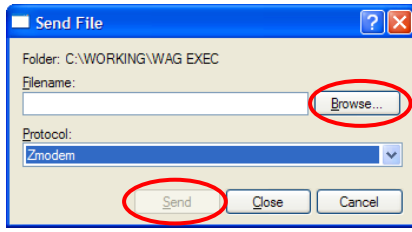
4) On the HyperTerminal **Transfer** menu select **Send file**.
5) Use the **Browse** button to locate the file. Select the file and the **ZMODEM** protocol.
6) Click the **Send** button.
9) Reset the WAG by cycling power to the unit.

To download XILWAG.BIN:

1) Connect to the WAG using HyperTerminal.
2) Type **XFILES**.
3) Select option 3 from the Boot Options menu on the HyperTerminal screen to download the XILINX software (within 5 seconds).



4) On the HyperTerminal **Transfer** menu select **Send file**.
5) Use the **Browse** button to locate the file. Select the file and the ZMODEM protocol.
6) Click the **Send** button.



7) Reset the WAG by cycling power to the unit.

To download XPTEX.ROM:

7) On the HyperTerminal screen.
8) Type **XFILES**.
9) Select option 4 on the HyperTerminal screen to download the XPORT software.
8) On the HyperTerminal **Transfer** menu select **Send file**.
9) Use the **Browse** button to locate the file. Select the file and the ZMODEM protocol.
10) Click the **Send** button.
11) Reset the WAG by cycling power to the unit.

Note: After loading any new software to the WAG, it is a good idea to verify that the correct software level is installed. From the HyperTerminal command line, type REVISIONS to view the currently loaded software levels.