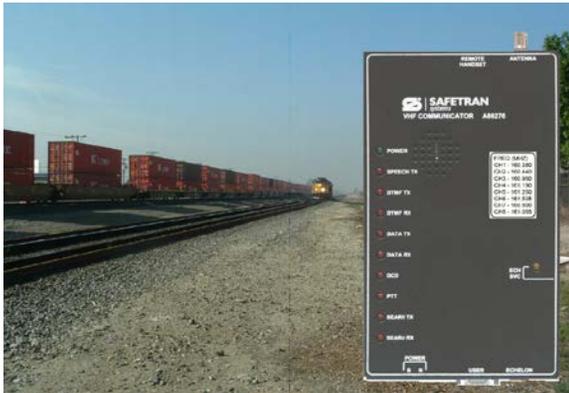# SIEMENS

VHF COMMUNICATOR VOICE LIBRARY QUICK START GUIDE
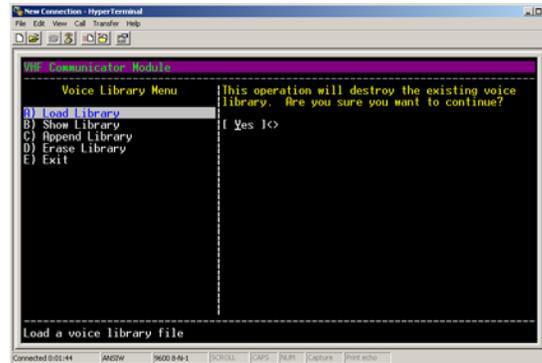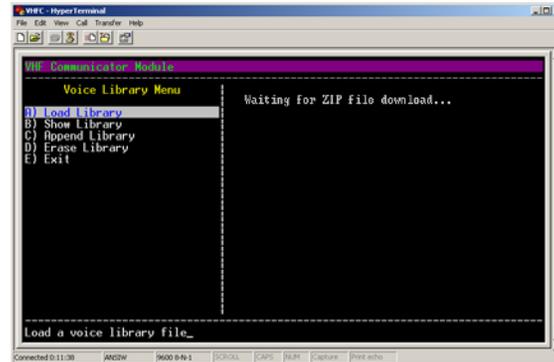
Document No. SIG-QG-00-08-01

VHF Communicator Voice Library vocabulary files are collections of individual audio files, one for each word or phrase in the library, that have been archived into a single file using a zipping utility. The resulting vocabulary file can then be downloaded into the VHF Communicator via the User Serial Port. A detailed procedure for the Voice Library and other VHF Communicator functions can be found in the VHF Communicator User's Guide **(Siemens Document Number: SIG-00-03-05-002).**
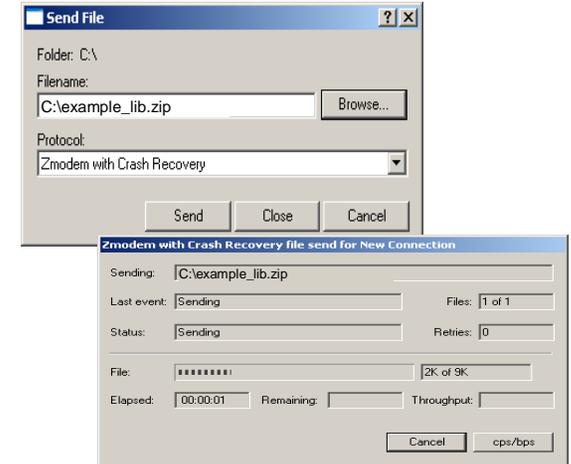
Load Library

Connect a PC to the VHF Communicator User Port. The default parameters for the port are: **9600 Baud, No Parity, 1 Stop Bit, No Flow Control**. Launch HyperTerminal and enter **Control + L** to open the VHF Communicator Main Menu. Selecting **"E"** on the Main Menu, will deploy the Voice Library sub-menu. To download a voice library, enter **"A"** to bring up the **Load Library** screen. Note existing files will be erased in this process. Using the arrow keys select **YES** to proceed.

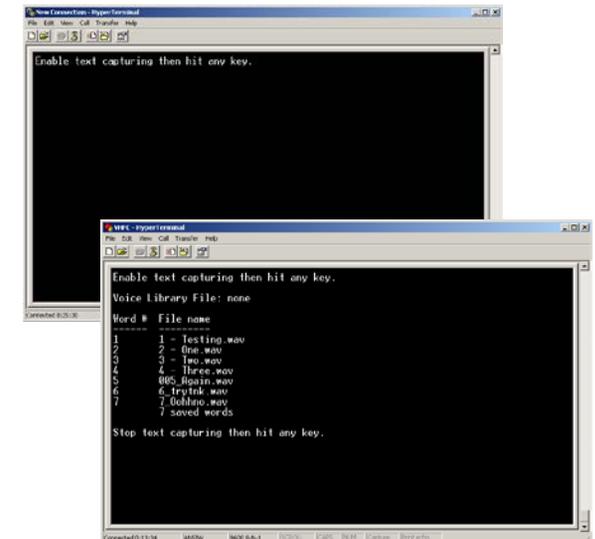Select the HyperTerminal **TRANSFER** drop menu and select **SEND FILE** to download a file.

The download pop-up menu will appear. Locate the desired file, and set the Protocol to **Zmodem with Crash Recovery**. Press the **SEND** button to download the file. A download status pop-up screen will appear displaying the download progress.
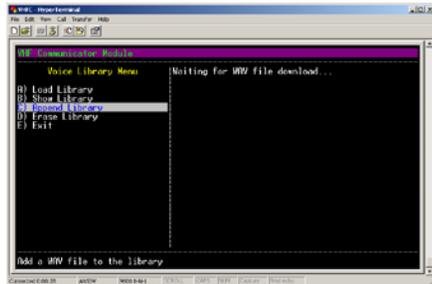

Show Library

To view the Voice Library enter **"B"** and press enter. The **Show Library** menu screen will appear. Hit any key and a list of stored files will appear. Hit any key to return to the Voice Library Menu.
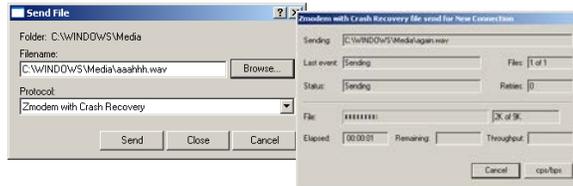
Append Library

The **Append Library** function enables the user to add words and phrases to the existing library. Select the **Append Library** function and a dialog will appear indicating the program is ready to accept a new file.
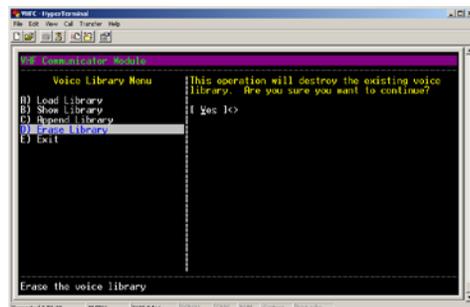

Using the HyperTerminal **TRANSFER** drop-menu, select **SEND FILE**. The download pop-up menu will appear. Locate the desired file, and set the Protocol to **Zmodem with Crash Recovery**. Press the **SEND** button to download the file. A download status pop-up screen will appear. When the download is completed verify the files are present using the **Show Library** function.

Erase Library

To remove the Library, select **D – Erase Library.** Use the **arrow keys** to select **Yes** or **No** to continue. Note that erased files cannot be recovered. Select **"E"** to exit and return to the Main Menu.

Recording Library

The Library is recorded using the Sound Recorder utility found in Windows. Individual words and phrases recorded with the Sound Recorder utility must be saved in the **CCITT u-Law** format, with **8kHz, 8-bit, Mono** attributes.

The file must be named according to the following convention:
File name = nnn_word name.wav
   nnn = word location within library. (e.g. 001 – 999)
   word name = a descriptive name for the recorded word.
   .wav = the file extension, indicating the type of audio file.
For example, if the voice library is to contain three words to form the sentence "System is normal", the individual files would be:

        001_system.wav
        002_is.wav
        003_normal.wav

Files are saved in the **CCITT u-Law wav format**.

A single archival file must be created using a zipping utility such as WinZip. The zipping operation MUST be done without compression.

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