allows you to search a file for a name and will dial the associated telephone number. It will automatically "log-on" to your data service if you want it to! Also, since RS-232 is built-in, provisions are included to allow full use of the telecommunications program at speeds up to 19,200 baud through the RS-232 interface.

FUNCTION KEY USES

FIND—(F 1) This key will cause the Model 100 to search a particular text file, named ADRS, for a match to your request. If a match is found, you will then have the option to CALL that number, find the NEXT occurrence of your request, or QUIT and return to the command mode of TELCOM.

CALL—(F 2) This key will let you manually enter a telephone number that you want the Model 100 to dial for you. Simply press CALL ((F 2)), type the number and press (E N T E R).

STAT—(F 3) This function key controls the setting of the communications parameters. Simply press STAT ((F 3)) and type in your desired parameters and the Model 100 will re-configure itself to your specifications. These parameters are:

Baud Rate
M	Modem (Internal)—operates at 300 baud
1	75 baud
2	110 baud
3	300 baud
4	600 baud
5	1200 baud
6	2400 baud
7	4800 baud
8	9600 baud
9	19200 baud

Word Length
6	6 bits
7	7 bits
8	8 bits

Parity
O	Odd parity
E	Even Parity
N	No Parity
I	Ignore Parity

Stop Bit
1	One Stop bit
2	Two Stop bits

Line Status
E	Enable XON/XOFF
D	Disable XON/XOFF

Pulse Rate
10	10 Pulses Per Second
20	20 Pulses Per Second

Perhaps the most significant item to point out is the inclusion of XON/XOFF. If this is "Enabled", the Model 100 terminal program will request the "Host" computer to pause in sending data whenever the Model 100 needs some time to "catch up" to the speed of the incoming data. The reverse is also true, if the "Host" needs to pause for a few seconds, it may (this depends upon the particular system you are using, check your user's guide) send XOFF, which means, "stop sending temporarily," followed by XON, "O.K. to transmit again." when it is again ready for information. If you have

XON/XOFF enabled, whenever the host pauses the Model 100, the word WAIT will appear above (F 6) to let you know what is happening.

TERM (F 4) Pressing this function key will cause the Model 100 to enter the terminal mode of operation. When successful connection to another computer is accomplished, the function key labels will change as the terminal mode is entered.

TERMINAL MODE

Once in the terminal mode, you have six labeled functions which can be used:

Prev (F 1)—In the terminal mode, the Model 100, actually retains 16 lines of text (broken into two eight line segments) at all times. You can think of the displayed eight lines as being the bottom half of a page of text. To view the previous eight lines, all you have to do is to press the (F 1) key. Pressing (F 1) again returns the last eight lines to the screen. Note: if you have the eighth line displaying labels, you will toggle seven lines at a time.

Down (F 2)—Pressing (F 2) allows you to download incoming information into memory for viewing or printing later. When you press (F 2), you will be asked for a filename which can be assigned to the file you are about to download. Type in a filename and press (E N T E R). To stop the downloading process, press (F 2) again.

Up (F 3)—Pressing (F 3) allows you to send information that has been previously prepared in the TEXT Application Program to a host system.

When you press (F 3), you are asked for the name of the file to upload and the width (10 to 132 characters) to be used for uploading the file.

Full (F 4)—Pressing (F 4) lets you switch between Full and Half Duplex.

Most host systems require you to use Full Duplex. This means that any character typed is sent to the host before it appears on the Model 100 Display. If the characters typed are the same ones that appear on the Display, good communication with the host has been established.

Half Duplex, on the other hand, shows what was typed directly on the Model 100 display. This means that you have no way of knowing if the host received the same characters.

Echo (F 5)—Pressing (F 5) enables you to obtain a printout (or "hard copy") of incoming information (if a printer is connected.)

Bye (F 8)—Pressing (F 8) exits Terminal Mode and disconnects (or "hangs up") the telephone lines.

When you press (F 8), you will be asked to confirm that you want to disconnect. If you press (Y), the Model 100 will release the phone line, otherwise you will be returned to the Terminal Mode.

An additional feature gives you the ability to have "one-touch" entry (almost) into virtually any host computer system.

Appending the "greater-than" and "less-than" symbols after a telephone number signifies that you want to enter the terminal mode of operation after dialing the number. You can add "auto-log-on" by inserting appropriate commands and responses inside these two symbols.

LOG ON COMMANDS
?	Wait for a specified character
=	Pause for 2.0 seconds