MYARC
T.M.

February 2, 1988

Dear Customer:

We would like to take this opportunity to bring you up to date
on the projected delivery of the remaining software package for
your GENEVE 9640. All remaining software, as listed in the
enclosed addendums, is currently scheduled to be mailed to every
one from whom we have received a warranty registration, in
April.

Many of our customers have asked what publications are running
articles on the GENEVE 9640 and/or TI99/4A. There are at least
two nationally ciculated publications; Micropendium, P.O. Box
1343, Round Rock, Texas 78680, phone (512) 255-1512 and Computer
Shopper, 5211 South Washington Avenue, Titusville, Florida
32781, phone (305) 269-3211.

One tip not covered in the enclosed addendums, is the resetting
of the 9640 clock, if it enters the test mode. If the clock is
in the test mode you may encounter intermittent and
unexplainable problems accessing disk drives, check the time
with MYARC-DOS or any other application programs such as
MY-Word.

If the clock chip is in the test mode the time will be changing
too rapidly. To correct this simply reset the time and date
from MYARC-DOS per page 27 and 28 of the GENEVE manual.

Please read the enclosed addendums, as most of the questions you
may have, are answered there. If you have any additional
questions or MYARC may be of help, please phone customer service
at (205) 854-5843, 9AM to 5PM Central Standard Time.

Regards,

Jack Riley
Jack Riley
Vice President

The enclosed diskettes contain the latest release of all available GENEVE 9640 packaged software including, the newest release of MYARC-DOS V1.01, the completed MY-Word Processor V1.10, the completed Multiplan upgrade, a new MYARC/GENEVE Disk Manager III V2.10, CS and CSAVE cartridge saving programs, and the MYARC GPL Interpreter V0.99.

In the GPL mode, cartridges saved to disk can be loaded and run at five speeds. Speed #1 is the slowest, and will run programs at a speed comparable to 99/4A. Each of the remaining 4 settings is faster than the previous one. The fastest, #5, is 3 1/4 times faster than a 99/4A.

CS and CSAVE cartridge saving programs are included on the same disk with the MY-Word Processor and Multiplan upgrade. The Multiplan upgrade is an 80 column by 26 line display, 41K of data memory and an increase in operating speed of up to 5 times that of the 99/4A.

MYARC-DOS and GPL are compatible with all RS232, floppy disk controller cards, and the Horizon RAM disk. One or two Horizon RAM disk can be used. The Horizon RAM disk must reside at CRU bases 1400 and/or 1600 and may be accessed as DSK6 and/or DSK7. After installation into the PEB, the Horizon RAM disk must be reformatted with DM1000 before it will operate correctly with the GENEVE 9640.

DM1000 and the MYARC Disk Manager III V2.10 may be used to manipulate all RAMDISK and floppy drives while in the GPL mode. The TI DM I and DM II may be used to manage only up to four drives, while in the GPL mode. MDM III Version 2.10 is included on the MYARC GPL Interpreter disk as programs DM, DM1 & DM2. MDM III V2.10 has been upgraded to include one pass copying of up to a 96K file and/or diskette and 18 sectors is now the default in the formatting mode. To load use option #3 of the Editor Assembler with the GPL Interpreter speed set at #5, type DSK1.DM and press Enter. Please note, MDM III V2.10 will only run on the GENEVE 9640 with a MYARC Disk Controller.

The DM1000 Disk Manager may be loaded with option #5 of the Editor Assembler program with the GPL Interpreter speed set at #1. TI Disk Managers I and II must be loaded as saved cartridge programs with the GPL Interpreter.

_____ **NOTICE** _____

All cartridges must be saved to disk, with your TI 99/4A, before the GENEVE 9640 is installed. The GENEVE 9640 does not allow for the use of cartridges except to load and run those previously saved to disk.

Check the mode switch of the GENEVE 9640 keyboard, it must be set to the XT setting. If set to the AT setting, it will not work properly.

If the number, arrows and/or upper and lower case keys become reversed, press and hold the Control and Shift key, then press the Caps Lock for the upper and lower case keys and/or Num Lock key for the number and arrow keys, to reverse the incorrect keys to their correct mode.

If the F11 and/or F12 keys of the new MYARC 101 keyboard, with twelve function keys, are pressed an @ and/or # will be printed to the screen, if the software being used does not support the additional key codes for those keys.

_____ TO SAVE CARTRIDGES TO DISK _____

It is best to clean all contacts, (cartridge port of your TI 99/4A, all cartridges to be used or saved and the cartridge expander, if you will be using one) before trying to use the CS or CSAVE programs. Contact cleaning may be done with any good electronic cleaner.

The instructions listed below detail several ways of saving 99/4A cartridges. Make a backup disk of the CS and CSAVE programs, insert it into DSK1, then follow the directions for your hardware configuration. You will also require a formatted disk to copy your cartridges to.

_____ USING THE CARTRIDGE EXPANDER _____

With the cartridge expander (Widget) you can use any one of three cartridges to load the CS or CSAVE programs; Editor Assembler, TI-Writer and Mini-Memory.

Editor Assembler:. Insert the Editor Assembler into any of the three ports on the cartridge expander and set the cartridge selection switch to the port the Editor Assembler was inserted into. Insert the cartridge and/or cartridges to be saved into the remaining slots of the cartridge expander. Power up the 99/4A and select option three or option five of the Editor Assembler. If option three was chosen, enter DSK1.CSAVE and press enter. If option five was chosen, enter DSK1.CS and press enter. Continue with "IN ALL CASES."

TI-Writer.......: Same as Editor Assembler except use option three then enter DSK1.CS and press enter. Continue with "IN ALL CASES."

Mini-Memory.....: Same as Editor Assembler except use option one then enter DSK1.CSAVE and press enter. Once the CSAVE program has been loaded into Mini-Memory, it is retained with the battery backup, and may be recalled without reloading. Continue with "IN ALL CASES."

_____ WITHOUT A CARTRIDGE EXPANDER _____

Without a cartridge expander, you can save a cartridge in two ways. One; by using the special features of the MYARC Disk Controller, the Horizon RAM Disk, or a CorComp Disk Controller with the MG EPROM. Two; by using the Editor Assembler, Mini-Memory or TI-Writer cartridges with the TI Disk Controller or the CorComp Controller without the MG EPROM.

MYARC Disk Controller: Insert the cartridge you wish to save into the cartridge port of the TI 99/4A. Select TI BASIC from the menu, enter CALL ILR and press enter, then enter CALL LR ("DSK1.CSAVE") and press enter. Continue with "IN ALL CASES."

HORIZON RAM Disk: Replace the MGR1 file with the CS file. Insert the cartridge you wish to save into the cartridge port of the TI 99/4A, select TI BASIC, enter CALL DM and press enter. Continue with "IN ALL CASES."

CorComp Disk Controller with MG EPROM: Insert the cartridge you wish to save into the cartridge port of the TI 99/4A, select disk manager from the title screen, select the Load and Run option, enter DSK1.CSAVE and press enter. Continue with "IN ALL CASES."

CorComp Disk Controller without MG EPROM: Same as the TI Disk Controller. Continue with "IN ALL CASES."

TI Disk Controller: Insert the Editor Assembler or TI-Writer into the cartridge port of the TI 99/4A. Select option five of the Editor Assembler and enter DSK1.CS then press enter or select option three of TI-Writer, enter DSK1.CSAVE then press enter. In both cases the program will load and run.

At the request for input of the device and file name, gently remove the cartridge used to load the cartridge saving program from the cartridge port of the 99/4A. Insert the cartridge you wish to save with pin one of the cartridge taped. Pin one would be on the bottom right of the edge of the cartridge being inserted into the cartridge port, looking from the typing position or the bottom left looking at the cartridge edge before inserting. Either plastic electrical or clear office tape can be used, as long as the contact is covered to insulate a connection with pin number one and the cartridge port from being made. If the 99/4A resets, then contact was made and you will need to start over. Continue with "IN ALL CASES."

_____ IN ALL CASES _____

After the CS or CSAVE program is loaded and starts running, the screen will prompt you to enter the drive number and name of the file you wish the cartridge to be saved under. If using a cartridge expander, enter the requested information before shifting the cartridge selection switch on the cartridge expander to the cartridge being saved.

It is best to shift the widget cartridge selection switch slowly, as moving the switch quickly can lock or reset the TI 99/4A. If using a single drive system, remove the disk containing the CS and CSAVE programs from drive one and insert a disk to save the cartridge to. If using a multi drive system, insert a disk to save the cartridge to, into the proper drive. Enter the requested information, DSK(drive number),(file name saving the cartridge under), and press enter. The program will read the cartridge being saved and copy the program to the selected disk drive under the file name chosen. After the cartridge has been saved, the program will return to the TI title screen. To save additional cartridges, repeat the process.

_____ MODIFIED OR DISCONTINUED MYARC-DOS COMMANDS _____

ASSIGN...................: Use the command [x=y:] (I.E. x=DSK2:) not [x=y] as shown on page 76 and 77 of the manual.

CONFIGSYS...................: Is superseded by the AUTOEXEC file with batch commands and is not used.

CONTROLLING THE DISPLAY....: MODE [n][,m][,T] has been deleted as the display is controlled and/or corrected automatically.

COPY.......................: To copy a file with a "/" in the files name, the file to be copied must be in quotation marks (I.E. SYSTEM/SYS would be entered as A> B:"SYSTEM/SYS" C: and would be copied from drive B to drive C).

CREATING A BATCH FILE......: A batch file may be created by entering the program edit mode (I.E. word wrap mode off with cursor hollow) of MY-Word. The batch option is not a part of MY-Word but; using program edit will create the file in the correct format. Set the left margin to 0 and leave no blank lines in the batch file. The batch file must be saved under the file name "AUTOEXEC" not A:AUTOEXEC,BATCH (I.E. A:COPYAB,BATCH) as shown on page 57 of the manual. Also, the second paragraph of page 58 should read, Enter the Program Edit mode of MY-Word etc. A batch file to set up a 180K ramdisk, assign the next drive letter on a two disk drive system, set up a 64K print spooler and auto load the MY-Art Drawing Program would be as follows:

```
0001   SPOOL 64
0002   RAMDISK 180
0003   ASSIGN C=DSK5:
0004   MYART
       *End of file*
```

FORMAT.....................: To format an 80 track disk (using an 80 track drive) use the command [A, B ect.:][/V][/1 or 2][/9, 16 or 18] [/80]. Leaving [/80] off the command will format the default of 40 track disk only.

PROMPT.....................: To reset the prompt to A> use the command [ng], not the Prompt command without parameters as stated on page 76 of the manual.

RAMDISK....................: The RAMDISK will be assigned DSK5 by MYARC-DOS and must be assigned the next open drive letter (I.E. C in a two floppy drive system, E in a four floppy drive system or F in a one floppy and one hard or four floppy and one hard drive system) by the user with the ASSIGN command. The RAMDISK configured with the AUTOEXEC batch file will be lost when GPL is loaded. On returning to MYARC-DOS from GPL, the RAMDISK configured by GPL and all data contained on it, will be lost.

SCROLLING THE COMMAND STACK: Use the Up arrow or Down arrow to step through the command stack not F1 or F2 as stated on page 34 of the manual.

SPEED.....................: Is not used in MYARC-DOS but, is set with F4 key
press in the GPL Interperter Mode.

TIMODE....................: Used to allocate memory for the GPL Interpreter,
not to enter TI mode.

LOADING AND USING MYARC-DOS

Place the disk containing MYARC-DOS (I.E. SYSTEM/SYS program) into Drive #1 and
turn the PEB power on. The title swan will be displayed, the GENEVE will do a
system check, load MYARC-DOS then look for a file named AUTOEXEC.

If an AUTOEXEC file is found it will be loaded and the commands executed. If
an AUTOEXEC batch file is not found and the time and date have not been set you
will be prompted to do so, then the A> prompt will be shown. MYARC-DOS takes
up all the available 358 sectors of a single sided single density diskette.
But, regardless of the drive capacity of the system, AUTOEXEC may be used. On
systems with more than SS/SD capacity the AUTOEXEC batch file may and/or should
reside on the same disk with MYARC-DOS. On a SS/SD system, the AUTOEXEC file
must reside on a separate disk. To execute, insert the disk containing the
AUTOEXEC batch commands into drive one with MYARC-DOS loaded and the A> prompt
on the screen, press the Control, Alt and Del keys simultaneously. The
AUTOEXEC batch file will load and execute. Pressing Control, Shift and Shift
will cold boot MYARC-DOS.

To execute a reboot from disk of MYARC-DOS, press Control then both Shift keys
simultaneously, to execute a warm boot of MYARC-DOS (I.E. no reload from disk),
press the Control, Alt and Del keys simultaneously. With version 1.01 of
MYARC-DOS most commands are now operational, those commands not operational
will be made available with the release of version 1.10 of MYARC-DOS.

Printing of text from the screen may be accomplished per page 33 (PRINTING AND
DISPLAYING SIMULTANEOUSLY) of the GENEVE manual. However, if a serial printer
is used or more than one parallel port is used, the printer default must be
reset per page 66 (CONTROLLING THE PRINTER) of the manual. Note, Ctrl-Prtsc
(Control-Print Screen) must be pressed simultaneously, at the A> prompt before
printing is required.

LOADING AND USING THE GPL INTERPERTER

To load the GPL Interpreter place the disk containing the GPL programs (I.E.
GPL, GPM, GPN, GPO, GPP and GPQ) into drive A type GPL at the A> prompt and
press enter. An AUTOEXEC batch file may be used to allow the automatic loading
of GPL from MYARC-DOS. The GPL Interpreter will load and the GPL Interpreter
cartridge loading screen will be shown. A 180K RAMDISK with the volumn name of
RAM_DISK is formatted when the GPL Interpreter is loaded and may be accessed as
DSK5.

Use the function keys F1 through F4 as shown on the screen. F4 will toggle
the five speeds at which the cartridges will run. #1 is a comparable speed to
the 99/4A and #5 is 3 1/4 times faster). Pressing the Control, Alt and Del
keys simultaneously at the GPL Interpreter cartridge loading screen will load
MYARC-DOS from disk. If a cold boot from disk of MYARC-DOS is executed any
data or files on the internal RAM_DISK will be lost.

Interlace and non-interlace mode may be toggled on and off and in and out of 24 or 26 lines to the screen by pressing and holding Control and the left Shift key then pressing and/or repressing the Alt key.

_____ TO LOAD AND RUN CARTRIDGES THAT WERE SAVED TO DISK _____

Insert the floppy containing the saved cartridge into the disk drive being used. Type DSK(drive number).(NAME OF THE PROGRAM) and press enter. The file will load into the GPL Interpreter.

Once the program has loaded, set the correct speed with the F4 key. Many programs will run at speed #5, some only at #1, most will run at the default setting of #3. Test each of your individual programs to see what speed setting works best for each. After loading the program and setting the speed, press Enter.

The TI Title screen will be shown, press any key and a menu will be shown, choice #1 will be Basic. Choice #2 or greater will be the cartridge programs currently loaded. Select the number of the program required and it will start running, select #1 to use TI-Basic. To return to the GPL Interpreter Loader, press left Control key then both Shift keys.

You may now use F1 through F4 as required and load from diskette previously saved cartridge based program. It is recommended that the GRAM simulator of the MYARC GPL Interpreter be purged before a new cartridge is loaded, or unpredictable results may occur. Purge by going to the GPL Interpreter cartridge loading screen and pressing F3 then "Y" for yes.

_____ TO USE MY-Word _____

Included is the completed MY-Word Processor version 1.10. In making a back up of MY-Word, all MY-Word program files must be on a disk named MYWORD, or MY-Word will not load. By having a volumn name of MYWORD, MY-Word may be loaded from any storage device, including the Horizon RamDisk.

On the disk with MY-Word are two CONTROL program files, one named "CONTROL" and the other "CONTROL[]". The default "CONTROL" program file will allow the use of the Overstrike character "@" and Underscore character "&" as used with TI-Writer. The program file "CONTROL[]" will allow the use of "[" as an Overstrike character and "]" as an Underscore character. The double typing of the "@" and "&" within text for those character to print once will no longer be required. To use MY-Word with the orginal TI-Writer special function characters "@" and "&", no changes are required. To use the program with the new "[" and "]" special function characters, change the name of the "CONTROL" file to "CONTROL@&" and the name of "CONTROL[]" to "CONTROL", to reverse the special function characters, the program files may be renamed at any time.

To load MY-Word, first load the GPL Interpreter, set the speed to 5, type DSKn.MYWORD, press Enter, press any key and select MY-WORD V1.1 from the menu. MY-Word will load and start running and you will be in the Command mode of the Text Editor.

The Command line will appear as shown below:

Files FOrmatter Help Lines Other Quit SearcH Tabs Utility

The Tab stops and margin settings will be in view on line 25. The default settings are left margin: 10, indent: 15 and right margin: 75. These may be changed and/or saved, by following the directions listed below. On the left of line 26 you will find the name of the last file loaded and/or saved. If no file has been accessed, the left corner will be blank. An asterisk (*) in front of the file name, indicates that the file in the text buffer (RAM) has been changed since last loaded and/or saved.

In the center of line 26, the amount of memory Free is shown as a percentage. To the right of memory Free is an arrow. The direction of the pointing arrow is the direction of search in the find string and/or the find and replace string commands. The date (Date month/day) and time (24 hour clock showing Time hour:minute) is shown in the right corner. Pressing Enter or E then Enter, will take you to the Edit mode. Listed below, in alphabetical order, are the new and/or enhanced commands of MY-Word.

Dot Command (.C* *): Used to change any special function character. (I.E. .C@ # will allow the # symbol to activate overstrike in the formatter mode. The @ will no longer be required to be typed twice in the document you made the change on unless, changed back with the Dot Command .C# @.

Edit Mode - FCTN, CONTROL and ALT keys: All of the TI-Writer functions that were invoked by pressing FCTN and a number key have been replaced by the numbered F keys. For example, Command/Escape was formerly invoked by pressing the FCTN 9. Now the same result is obtained by pressing the F9 key. F9 will also return you to the Edit mode from Show Directory, Help files, and the Utility Loader.

One Control key combination has been changed, the Control R now moves the cursor to the right margin, the remaining Control key combinations have not changed. Control E, Q, S, and Z keys have been added and the additional Home key has been added.

Control E moves the cursor to the right, one space past the last character on the line the cursor is currently on. If no characters are on the line with the cursor the cursor will not move when Control E is pressed. Control Q takes the cursor to the left margin of line one (001) of the file in the buffer, while in the edit mode. Control S will toggle the ruler and tab line on and/or off. Control Z moves the cursor to the left margin and last line of the file in the text buffer. The Home key will move the cursor to the top left of the screen you are working on, as does Control L.

In the Command mode, F3 now clears the input line, while remaining at the same prompt. Using the Cursor control keys is normally the best way to move the cursor, but you may also use the old E, D, S, and X keys, by first pressing Alt then E, D, S, or X.

FOrmatter (FO).....: You may reach the FOrmatter by entering FO from the Command mode of the editor, or Control (= sign) from edit mode. It is not necessary to save the file you are working on before using the FOrmatter, but it is recommended.

The FOrmatter has some significant differences from TI-Writer. The most useful of these is, instead of specifying the name of the file to be formatted from disk, for example, "DSK2.TEXT", you may specify "BUFFER" and format the file currently loaded in the text buffer (RAM). If you want to check a disk directory while at the FOrmatter screen, press the F7 key.

In order to see what the formatted file looks like, you may also specify "SCREEN" as an output device, and print the text buffer to the screen. NOTE: When formatting (printing) to the SCREEN, the file is not saved. You may pause and/or start the display (printing to the screen) with the space bar.

To return to the Edit mode, press F9. When formatting to the SCREEN, make sure Define Prompt (.DP) is not used in the file printing to the screen. If it has, the screen may be scrambled. When FOrmatting is completed, you will return to the Edit mode.

Help (H)..........: The Help screens are reached by typing H and pressing Enter in the command mode. As they are loaded with the MY-Word program, they are always immediately available. The Help screens summarize all the commands available in Edit Command and Text Editing Mode, as well as FOrmatter Commands and Control-U or Transliterate Command (printer control or escape codes). All help screens are D/V 80 files and may be loaded into the MY-Word Processor and changed to suit the user. Load and/or save the Help screens as a file named HELP. You are limited to no more than 24 lines per screen and a total of four Help screens.

It is recommended you make a backup of the original help screens before making any changes. There are two HELP screens included with MY-Word, the default is named "HELP" and the optional screen is named "HELP/ALT". The optional screens use a different Control-U format which shows both the Transliterate codes, key combinations to press and the special character as it would appear on the edit screen.

Interlace (I)......: To change to or from the Interlace mode press "O" for Other, then press Enter, then "I" for Interlace, then Enter again. The Interlace mode is offered on many RGB and/or High resolution monitors and is the default for MY-Word. But, not all monitors, including some RGB monitors, support Interlace.

ProgramEdit (PE)...: To access the Program Editor, type PE from the Command line or the sub-command line Other and press Enter. The program editor works the same as the text editor, but the Tab stops are set up for editing assembly programs, as in TI's Editor Assembler. The C is enabled in the Tab settings to put characters on the left part of the screen into upper case.

Additionally, word wrap (note the cursor changes from solid to hollow) and carriage returns are disabled. To return to the TextEdit mode, type TE from the Command line or the sub-command line Other and press Enter.

SaveOptions (SO)...: SaveOptions is reached with the sub-command Other of the Command mode. When screen colors, wildcard character, and tab stops (including margins, tab stops, indent, and B and C settings) for the Text Editor and the Program Editor have been set, go to the Command mode. Select Other, then type SO for SaveOptions, press Enter and the space bar.

The new selections will be written to the file named CONTROL on the disk named MYWORD. When next MY-Word is loaded, the settings saved with the SaveOptions command, will be the new defaults. They may be changed again, as you require. The protect tab must be removed BEFORE using the SaveOptions command.

SearcH (SH)........: Pressing SH then Enter from the Command mode reveals a sub-command of FindString (FS) and ReplaceString (RS) as with TI-Writer, and adds a new sub-command, ChangeWildcard (CW). These commands have been improved in four ways.

First; TI- Writer required you to re-enter the complete command sequence to find each recurrence of the string In MY-Word, when the first occurrence has been located, you are prompted with "Stop at this string? Yes or Next." By entering N for Next, you can repeat the search to find each occurrence in the text. Pressing Y for Yes, indicates you have found what you were searching for and do not need to continue the search.

Second; It does not make any difference whether the string being searched for is in upper case or lower case. The two search functions will find all occurrences of the letters typed regardless of case. Even mixed cases may be used.

Third; Searches can be made easier through wild-carding. A question mark can replace any character and/or blank space in the string or replace a complete string. MY-Word will locate every string that contains the non-question mark characters, no matter what characters appear in the position of the question mark or marks. For example, searching for "p?t" will reveal every instance of pat, pet, pit, pot, and put and any other words that include "p" and "t" with a letter and/or blank space in between.

To use a different wild card character than ?, from the command mode, press CW (for ChangeWildcard), and you will be prompted through the change.

Fourth; The direction you are searching can be changed with a Control D key press. If searching from lower line number to higher line numbers (indicated by a down arrow to the right of the memory free), using the search direction change will reverse the search direction and the search will be from higher line numbers to lower line numbers (indicated by an up arrow).

ShowDirectory (SD).: The Show Directory command is accessible from the Command line and/or the FOrmatter. From the Command line, type SD and press Enter. From the FOrmatter, press F7.

The disk can be selected from the "Enter disk number:" prompt by entering the number (1,2,3 etc.) or entering the full device name. If the latter is used, be sure to place a period at the end of the device name ("DSK2." or "DSK.MYDISK."). The Page Up and Page Down keys can be used to scroll a page at a time through the directory. The time and date shown on the Show Directory screen will be incorrect, unless the files were created with MY-Word. Pressing F9, will return you to the Command mode.

Tabs (T)...........: In the Command mode, selecting T for Tabs and press Enter for the sub-commands. The choices are EditTabs, TabsOff, and ShowTabs. TabsOff (TO) turns off the tab display on the bottom of the screen. ShowTabs (ST) restores the display. EditTabs (ET) puts the tab display at the top of the screen for editing.

There are two new codes available in the Tab setting command. If the letter B is entered anywhere on the line, a beep will sound, like a typewriter, whenever the cursor reaches that point while typing in the Edit Mode. This signals a right margin warning.

The second new feature is the letter C. Anywhere the C is entered, all characters typed to the left of it will be in UPPER CASE. Characters to the right of it, will be in UPPER or lower case just as they are typed. This feature is primarily for programmers, but may be used any time all upper case letters are desired either up to a point in the line or for the entire line.

Utility (U)........: The Utility Loader provides a program image loader, just as TI-Writer's and Editor Assembler's Option #3 do. With it, you can load and run any image object code assembly program. The Program Loader is exitted by depressing the F9 key.

ViewFiles (VF).....: Pressing F for Files at the Command line and the sub-commands appearing on the screen will reveal a new command, ViewFiles or VF. With this command, any DIS/VAR 80 text file may be read from disk to the screen without overwriting any text currently in the text buffer.

The file will be read from disk and scrolled up from the bottom of the screen by entering the device and file name to be read and press Enter. To stop the scrolling, press the spacebar, restart it by pressing any key. When *End of file* is reached, press Enter to return to the Edit mode.

Further Information on Using MY-Word: There are many more things you should know about using MY-Word than have been covered here. The Help files summarize all the commands available except the Mailing List commands. As the look and feel of TI-Writer has been retained, if you are familiar with TI-Writer, this may be all you will need.

For complete details on all of the Dot Commands and the many F-keys, Alt and Control commands, your best source is the original TI-Writer Manual. Just keep in mind that the function-number key combinations have been replaced by the appropriate F keys, and the other function-character key combinations have been replaced by ALT-character combinations.

MICROSOFT MULTI-PLAN UPGRADE

Included with your GENEVE is an upgrade for TI Microsoft Multiplan. To use it, a copy of Multiplan saved from cartridge is required. First, copy all programs except MPDATA and MPINTR, from the Multiplan Texas Instrument Program Diskette to a formatted disk named TIMP, then copy the two upgraded programs, MPDATA and MPINTR, from the MICROSOFT MULTIPLAN UPGRADE disk that came with the GENEVE, to the same disk. If using a drive with more than SS/SD capacity, the Multiplan cartridge can be copied to the same disk.

To load and run the program, load the GPL Interperter, press and/or repress F4 to set the speed to #5, type in the drive being used (I.E. DSK?.), the name you saved the cartridge under (I.E. MP) and press Enter.

After the cartridge program has loaded, insert the disk containing the Multiplan Texas Instrument Program Diskette programs and the upgraded programs MPDATA and MPINTR into the drive being used, press Enter, then any key, then select option #2 from the menu screen. The program will load and start running. Multiplan will be in the 80 column by 26 line high speed mode of the GENEVE.

The Help screens are also in 80 column and are the only disk access for program data input required. All necessary information for the program to operate now loads with Multiplan and the program disk will only be accessed when the help file is requested.
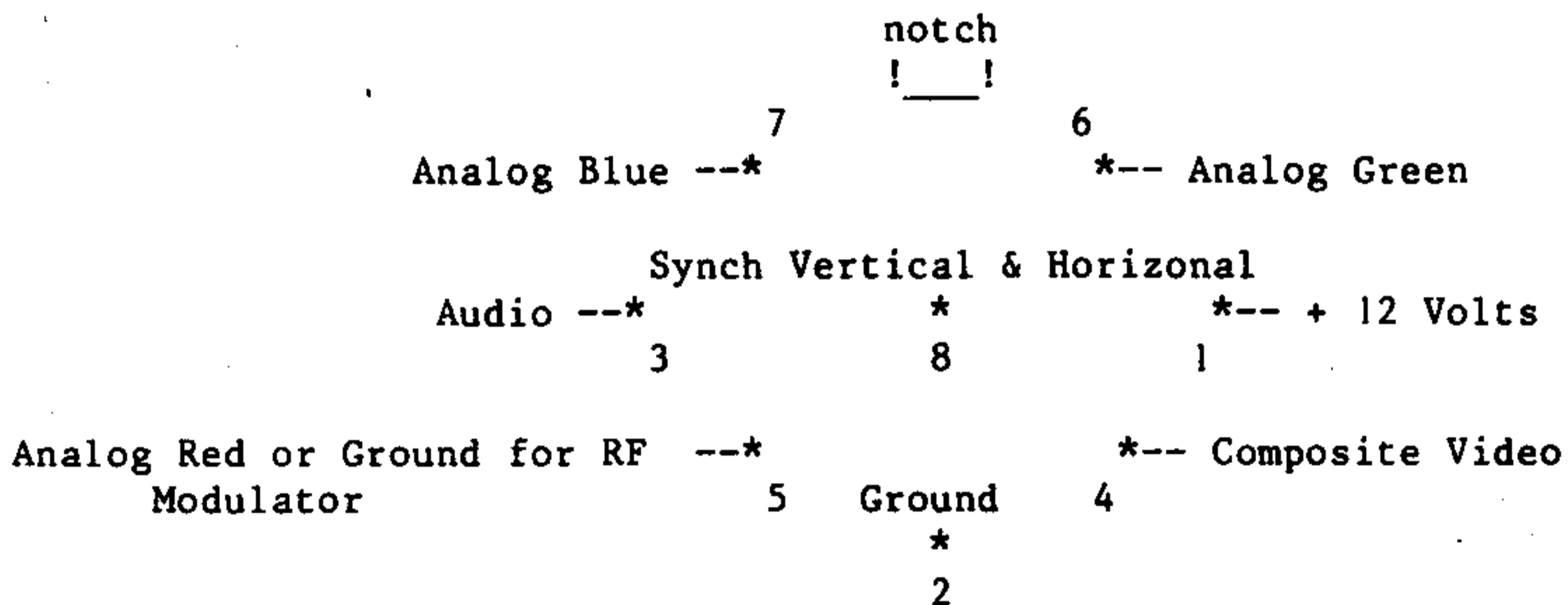
In addition to the speed increase of over 3 times, with the use of speed #5 of the GPL Interpreter, the Mutliplan upgrade increases the program operating speed up to 5 times that of the TI 99/4A. Data memory has been increased to 41K but, it is recommended not to create a spread sheet that uses over 95% of the memory as loss of data and a decrease in operating speed may occur.

A decrease in speed when saving data files with the upgraded Multiplan is normal. This is due to MYARC's new verification method which is a more reliable method than the one previously used by TI. The MYARC disk and file verification method checks to see if the disk has been removed and/or changed before writing data. This is to help insure you don't write over the wrong disk and/or file.
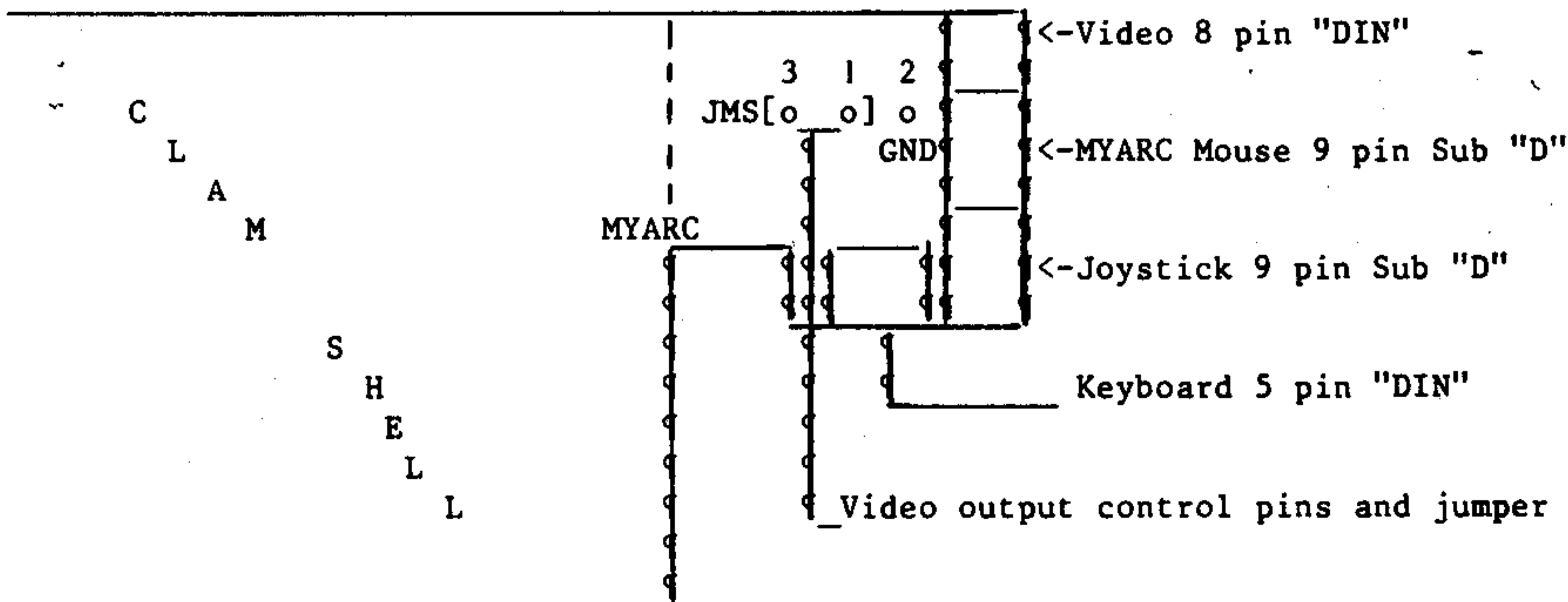
You can now use the tab key as well as the Control 2 keys to tab between fields on the command line. All other commands, functions and cursor controls for Multiplan are unchanged. You may use the Interlace mode by following the directions in LOADING AND USING THE GPL INTERPRETER.

VIDEO 8 PIN DIN

View looking into the GENEVE 8 pin DIN connector plug side

```
                              notch
                              !___!
                    7                   6
        Analog Blue --*            *-- Analog Green

              Synch Vertical & Horizonal
        Audio --*          *             *-- + 12 Volts
                3          8             1

Analog Red or Ground for RF  --*            *-- Composite Video
   Modulator                 5    Ground   4
                                     *
                                     2
```

Video Output Control Pins and Jumper


```
                                    |      <-Video 8 pin "DIN"
                                    |   3  1  2
            C                       | JMS[o__o] o
              L                     |       GND    <-MYARC Mouse 9 pin Sub "D"
                A                   |
                  M              MYARC           <-Joystick 9 pin Sub "D"

                  S
                    H                            Keyboard 5 pin "DIN"
                      E
                        L
                          L               Video output control pins and jumper
```

To reset the GENEVE 9640 for use on an RGB Analog monitor, locate the video
output control pins. The video output control pins may be found on the
external extension from the clam shell of the 9640 board, see the above
diagram. The size of the pins and jumper are exaggerated so they can be easily
located. The video output control pins are numbered directly above each pin
per the diagram, as 3, 1, 2 respectively, reading left to right. Additionally,
the pins are marked on the 9640 board, per the diagram, with JMS to the left of
the left pin and GND directly under the right pin, the center pin is unmarked.

With the board in the same position as the diagram, use a small pair of needle
nose pliers or tweezers to gently remove the black jumper and reinstall on the
center and left pin. Note, the board is in the Composite setting when shipped
from MYARC and ready for use with a Composite Monitor and/or TV.

THANK YOU

MYARC thanks you for your patience, support and confidence. We are working to
complete the software (I.E. MYARC-DOS version 1.10, MYARC GPL Interpreter,
Advanced Basic and Pascal) that is part of the GENEVE software package, when
completed, a copy of each will be mailed to those from whom we have received a
warranty registration. The final mailing of all completed software is
currently scheduled for the first of April 1988.