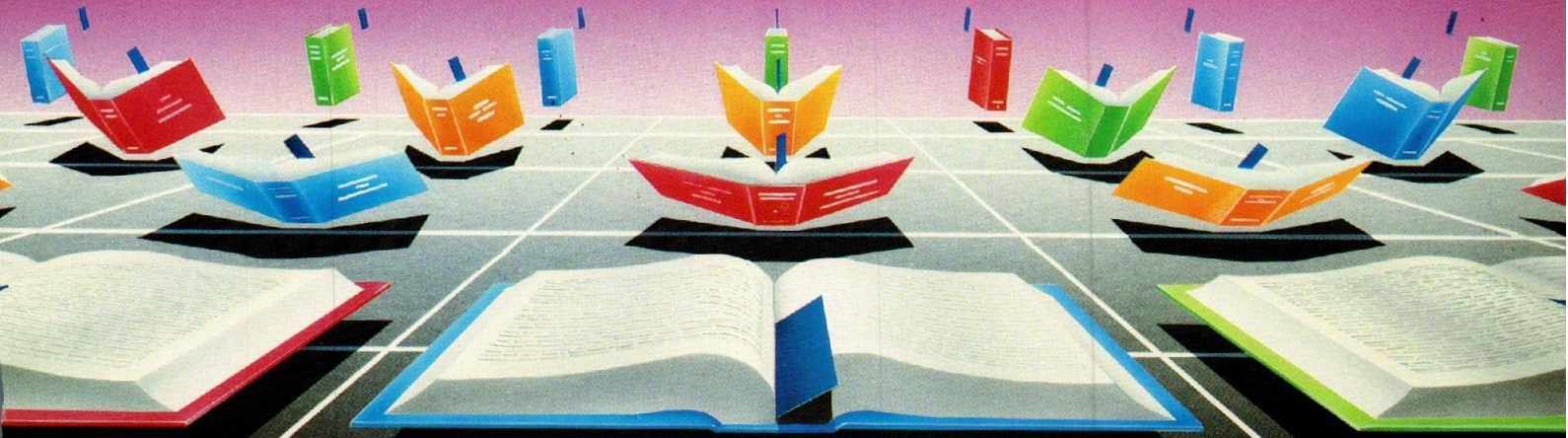
BOOKMARK™

NEVER LOSE WORK IN PROGRESS AGAIN!



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BOOKMARK is a memory resident utility that automatically and periodically takes a snapshot of system and video RAM then saves it to a reserved and hidden area of the hard disk subsystem. Work in progress can be resumed within four to eight seconds after reboot. Resumption speed is dependent upon your processor and hard disk access speed.

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Documentation: MaryAnn Phillips

Dear BOOKMARK Owner:

BOOKMARK was created as a low-cost insurance policy for your work in progress. Although the concept is simple, the implementation of our idea was not. Many thousands of hours of research, development, and testing went into perfecting the operation of the product. Please keep in mind that BOOKMARK's low price is the result of our idea that everyone's work is important enough to be protected.

BOOKMARK was also created to make your computer easier to use. To that end, please read through our list of Applications and Suggestions. You may discover additional ways of utilizing BOOKMARK that will save you time and work. If you have any comments about BOOKMARK, please contact us in writing at INTELLISOFT International.

Thank you!

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INSTALLATION INSTRUCTIONS

The one-time installation procedure consists of the main installation plus five sections. Any keystrokes you need to input are printed in **bold lettering**.
Make sure not to have a write-protect tab on your BOOKMARK diskette during installation and de-installation.

- Boot your system from the hard disk in the normal manner.
- Insert the BOOKMARK floppy disk in Drive A.
- At the C> prompt, type **A:LOADMARK** and press **Enter**.

MAIN INSTALLATION MENU

MAIN INSTALLATION MENU

Select one of the following:

I Install BOOKMARK on a hard disk
D De-install BOOKMARK from a hard disk

C Change Settings

Enter choice I/D/C:

Is this correct? y/n

SCREEN DIAGRAM

Notes on Main Installation Menu:

I Installs BOOKMARK on a hard disk from the floppy.
D De-installs BOOKMARK from a hard disk to the original BOOKMARK floppy diskette.

C Change Settings. Allows you to change your BOOKMARK Placement Intervals, BOOKMARK Function Key Assignment, backup option, and password implementation.

- If I is chosen, proceed directly to SECTION ONE.
- If C is chosen, proceed directly to SECTION ONE.
- If D (De-install BOOKMARK from a hard disk) is chosen, place the original BOOKMARK diskette in drive A:. You will be presented with the following screen:

  Where did you install BOOKMARK?

  Drive: C:
  Directory: \

  Is this correct y/n?

  Drive C: and the root directory (\ ) are Default. Press **Enter** after each to accept these defaults. If you had not accepted these defaults during the initial installation, type in the selections you made, followed by the **Enter** Key.

  Press **y** to confirm or **n** to go over these choices.

Caution: De-installation of BOOKMARK from your system requires the original BOOKMARK diskette in Drive A:. BOOKMARK should be de-installed if: Hard disk is reformatted; Hard disk is repartitioned; or if Dealer servicing is required.

SECTION ONE

Recognized and Supported Devices

BOOKMARK informs you of all recognized and supported devices. These include:

IBM DOS Versions 2.1 through 3.21
Operational Hard Disk Subsystem
256k to 640k System RAM (Extended RAM is not supported. See TECHNICAL CONSIDERATIONS Pages 12 & 13.)
Parallel Ports (LPT1, LPT2, LPT3)
Serial Ports (COM1, COM2)
Video Display Adapter:

- IBM Monochrome/Printer Adapter
- IBM Color/Graphics Adapter
- IBM Enhanced Color/Graphics Adapter
- Hercules Monochrome/Graphics Plus
- AST Preview

Note: Non-IBM video adapters must accurately emulate the original IBM technical design. BOOKMARK may not function reliably with a non-compatible video adapter. (Please see TECHNICAL CONSIDERATIONS on Pages 12 & 13.)

You must now **press any key** to continue.

An example would be:

SECTION ONE

BOOKMARK recognizes the following devices:
640 Kbyte RAM
DOS Version 3.20
Disk Subsystem 1 Fixed Disk
EGA Adapter with Monochrome Monitor
Serial Port COM1
Printer Ports LPT1 LPT2

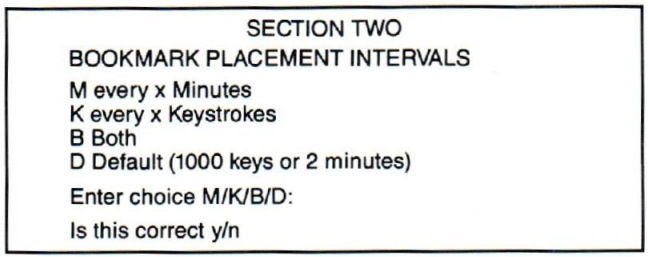
Press **any key** to Continue.

SCREEN DIAGRAM

Please proceed to SECTION TWO.

SECTION TWO

Defining the BOOKMARK Placement Intervals



SCREEN DIAGRAM

Choose One:

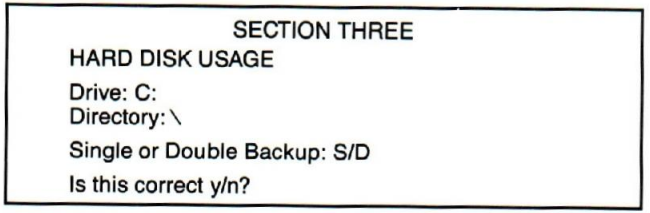
- To place BOOKMARKs only by time interval:
  Press **M**, then enter the **number** of minutes. Press **Enter**.
- To place BOOKMARKs only by keystroke interval:
  Press **K**, then enter the **number** of keystrokes. Press **Enter**.
- For a combination of both time and keystrokes, whichever occurs first:
  Press **B**, then enter **#** of minutes. Press **Enter**. Type **#** of Keystrokes. Press **Enter**.
- For a default of 2 minutes or 1000 keystrokes, whichever occurs first:
  Press **D**, then press **Enter**.

Is this correct **y/n**?

BOOKMARK displays your choices and asks you to confirm by pressing **y** if you are satisfied or **n** if you would like to go back and make changes.

Please proceed to SECTION THREE.

SECTION THREE
Defining the Hard Disk Usage



SCREEN DIAGRAM

Notes on defining the hard disk usage:

- If you have one hard disk drive, BOOKMARK will automatically select the C: drive. Press **Enter**.
- If you have two hard disk drives, then you must type **C:** or **D:**. Press **Enter**.
- If the root directory (\ ) is to be used press **Enter**. If not, type in the **subdirectory name**.

  If you receive an invalid directory message, please enter a valid directory name.

- You may now select a Single or Double BOOKMARK backup by selecting **S** for a single backup file, or **D** for double backup files.

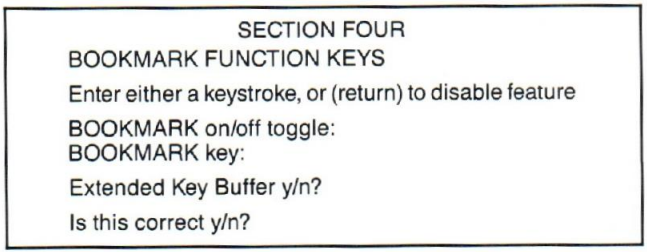
  The BOOKMARK double backup file system provides a fail-safe way of preventing data loss in case of power outage during a BOOKMARK placement. BOOKMARK alternates writing to the files so if one file is damaged by being written during a power outage, the other previously written file will be intact. The maximum data loss occurring in this incident will be two BOOKMARK placement intervals. Each BOOKMARK backup file occupies the same amount of space on your hard disk system as exists in your system's RAM (512k on a 512k RAM system, 640k on a 640k system, etc.), plus up to 256k of video RAM. The two-file BOOKMARK system is recommended for hard disk systems of 20 Megabytes or greater.

Press **y** to confirm your selections or **n** to go back and correct them.

Please proceed to SECTION FOUR.

SECTION FOUR

Selecting the BOOKMARK Function Keys



SCREEN DIAGRAM

Notes on selecting the BOOKMARK Function Keys:

- After 'BOOKMARK on/off toggle:' Press **Key Combination.** (e.g. Right Shift F9)
- After 'BOOKMARK key:' Press **Key Combination.** (e.g. Right Shift F10)
- Press **y** for BOOKMARK's Extended Key Buffer, or **n** for no Extended Key Buffer.

If you are satisfied with your choices press **y**, if you want to go back and change them press **n**.

BOOKMARK Toggle On/Off Key allows you to enable or disable BOOKMARK at any time, within a program. In all text modes a message with BOOKMARK's on/off status appears on the upper right-hand corner of the display.

This status message disappears when scrolled off the screen or when other text or graphics overwrites that area of the display. From DOS (C>) the status message can be cleared from the screen with the clear screen DOS command (C>**CLS**).

BOOKMARK Key places an immediate BOOKMARK without waiting for the next BOOKMARK interval to occur, resets the BOOKMARK placement interval counter, and displays the 'BOOKMARK placement in Progress' message in the upper right-hand corner of the display momentarily in all text modes. (See USING BOOKMARK on Page 9.)

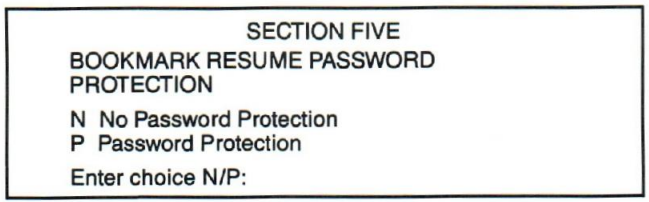
You may choose any key or combination of keys, keeping in mind which ones you use with other software so as to prevent any possible conflict. We suggest those of you with newer keyboards select the F11 and F12 keys.

When the selected BOOKMARK Function Keys are identical to those of other software currently in use, the BOOKMARK function will execute first and then the function associated with the other software will execute.

The Extended Key Buffer stores up to 127 characters during BOOKMARK placements. When the Extended Key Buffer is not implemented, the normal 15-character key buffer provided by your PC remains. If you use other RAM-resident software or an IBM-compatible computer system, please see TECHNICAL CONSIDERATIONS Pages 12 & 13. Please proceed to SECTION FIVE.

SECTION FIVE

BOOKMARK Resume Password Protection



SCREEN DIAGRAM

Notes on Password Protection:

- Press **N** if no Password Protection is desired.
- Press **P** for Password Protection.

Password Protection prevents your work in progress from being resumed by unauthorized persons.

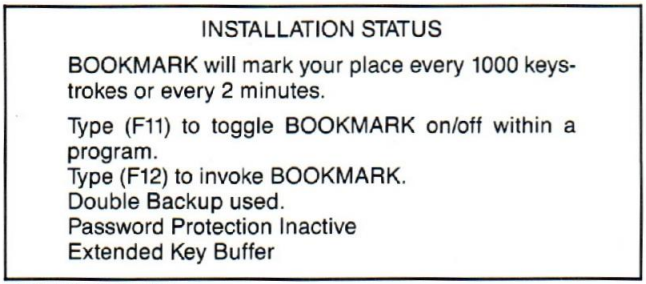
If Password Protection is desired, only one user will have control over BOOKMARK. The first person attempting to use BOOKMARK will be asked for a password. A maximum **six-character alpha/numeric** must be entered. All characters will be recognized as upper case. This password must be given after each subsequent attempt to resume. Should another individual attempt to resume work without a password, they will be blocked from using BOOKMARK and returned directly to DOS. At the Resume y/n prompt, the other individual may answer **n** and BOOKMARK will go into DOS (C>). Work on any application may be done, but will not be protected by BOOKMARK.

Relinquishing the Password. The password holder may relinquish the password (and control of BOOKMARK) when through with their application. Return to DOS (C>) and type **BOOKMARK DELETE**. Only the password holder will be able to use the BOOKMARK DELETE command. The next time the computer is booted a new password may be chosen after the Resume y/n prompt.

Forgotten Password or to Change Password. If the password is forgotten or a password change is desired, follow the INSTALLATION INSTRUCTIONS starting on Page 2 and select **C** to Change Settings. The Password-Protected data in the BOOKMARK back-up file(s) will be inaccessible, then overwritten during the next BOOKMARK placement.

Please proceed to INSTALLATION STATUS.

INSTALLATION STATUS



SCREEN DIAGRAM

- **Remove the BOOKMARK diskette** and press **any key (resets PC)**.
- Once your system reboots, BOOKMARK will run for about a minute and write the reserved and hidden file(s) to the hard disk. You may then begin normal operations. BOOKMARK is now functioning. Please refer to USING BOOKMARK. (Caution: If the hard disk does not have enough room to install BOOKMARK, a message will appear. You will have to make space available.)

Notes on the Completed Installation:

- BOOKMARK has also created or appended your AUTOEXEC.BAT file automatically.
- BOOKMARK has placed itself first except for date, time, and AST clock.
- BOOKMARK has been written to the chosen directory and BOOKMARK has also created or appended your CONFIG.SYS file with the KEYBUF.SYS device driver if you have chosen implementation of the Extended Key Buffer. This driver must always be first in the CONFIG.SYS file. If you use other RAM-resident software, RAM Disks, or an IBM-compatible computer please see TECHNICAL CONSIDERATIONS Pages 12 & 13.

BOOKMARK will operate for a single user on a single computer.

Options:

Any software loaded on the fixed disk such as:

- Accounting Systems (Must use BOOKMARK CONSOLE command. See Page 11.)
- Databases (Must use BOOKMARK CONSOLE command. See Page 11.)
- DOS Operations—Hard Disk Backup, Mag Tape Backup, Disk to Disk Copy.
- RAM Disks, Expanded Memory—BOOKMARK automatically places itself first in the AUTOEXEC.BAT file. (You should load Expanded Memory or RAM Disks first. See TECHNICAL CONSIDERATIONS Pages 12 & 13.)
- RAM-resident software—See TECHNICAL CONSIDERATIONS Pages 12 & 13.
- Spreadsheets
- Word Processors

From now on, your system will boot to the question:*

C>BOOKMARK
Resume, y/n?

- If you press **y**, you can resume where you left off. The message 'Resuming from last BOOKMARK placement. . .' will appear and within 4 to 8 seconds the restoration will be complete. The length of time required to restore is dependent on your processor and hard disk drive access speeds.
- If you press **n**, you will be at the C> prompt.
- If Password Protection is activated, BOOKMARK will ask for the password after **y** to resume has been pressed.
- The BOOKMARK toggle on/off status will appear in the upper right-hand corner of the display. It will read 'BOOKMARK toggle ON' to remind you that BOOKMARK is enabled by default.

'BOOKMARK Placement in Progress' Message

As you operate your PC with BOOKMARK running behind other application software, the message 'BOOKMARK Placement in Progress' will appear in the upper right-hand corner of the screen. The message will appear at your designated time/keystroke intervals for 4 to 8 seconds (the same amount of time as noted above for restoration). Keyboard input is unseen during this time but buffered up to 127 characters if use of the Extended Key Buffer has been implemented, otherwise the key buffer is 15 characters. These buffered characters will appear on the screen after the placement message disappears.

The BOOKMARK Toggle On/Off Key is for turning BOOKMARK on or off within a program. This is used to prevent BOOKMARK placement(s), if desired.

THE BOOKMARK Key is used to force a BOOKMARK placement at any given time without waiting for the next minute or keystroke interval to arrive. When in DOS and in certain application programs, you must press the **Enter** key after pressing the **BOOKMARK Key**.

BOOKMARK operates automatically while you work. There is no need to invoke BOOKMARK manually unless desired.

Change All Settings:

- Place your BOOKMARK diskette in Floppy Drive A:
- At the C> prompt type **A: LOADMARK**
- Select **C** for Change Settings

Refer to MAIN INSTALLATION MENU, Page 2 and continue through the installation procedure selecting your new settings as desired.

Change Settings for BOOKMARK Placement intervals only:

- From DOS, type **BOOKMARK Mx Ky ON**, replacing the x with the desired number of minutes, and y with the desired number of keystrokes. See BOOKMARK COMMANDS FROM DOS Page 11.

*If BOOKMARK is not desired in the AUTOEXEC.BAT file, it may be deleted using any DOS Utility.

APPLICATIONS AND SUGGESTIONS

Auto-Resume Function: Any application which sorts, prints, or must operate overnight can be automatically resumed after a power failure without user intervention. Useful for backing up the hard disk while unattended. Place the BOOKMARK AUTO command in the AUTOEXEC.BAT file. If the power fails during the night, BOOKMARK will allow the backup to be completed upon return of power without your attendance.

Automated Save, Exit and Resume: Press the **BOOKMARK Key** to place a manual BOOKMARK. Wait for the BOOKMARK placement to be completed. Power down. When you're ready to work again simply power up and respond **y** to resume y/n.

Automated Save and Resume: Press the **BOOKMARK Key**.

Computer Novices: Place a BOOKMARK in the application and file screen to be worked on. Power down. Have the novice power up and press **y** to resume and start work. When work is completed, have them press the **BOOKMARK Key**, wait for the BOOKMARK placement to be completed, and power down. This is easier for most novices than navigating through menus.

Disk Full Protection: Should you fill all the space on your hard disk, a Disk Full message appears when you try to save what is in RAM. To prevent the loss of data in RAM, press the **BOOKMARK Key** to place a BOOKMARK at that point. When the BOOKMARK placement is complete, power down and reboot. Press **n** to resume. Turn off BOOKMARK with the **toggle on/off key.** Remove unwanted files from the hard disk to free up space. Type **BOOKMARK AUTO**.

Frozen Keyboard: If your system keyboard ceases to respond for any reason, power down, wait ten seconds and power up. After the system boots, press **y** to resume. Within seconds you will be back to the last BOOKMARK placement.

Go Back to the Last BOOKMARK: Reset your PC, then answer **y** to resume.

System Crash: After reboot you can resume from the last BOOKMARK placement by answering **y** to the Resume y/n question.

UNDO Function: Reboot your PC and press **y** to resume. Work done since the last BOOKMARK placement is deleted.

Experiment, then UNDO: Press the **BOOKMARK Key**. Disable BOOKMARK by pressing the **BOOKMARK toggle on/off key**. Experiment with your data. When you're done experimenting, exit the application to DOS (C>). Type **BOOKMARK AUTO**. You will be returned to the BOOKMARK you placed prior to experimentation.

BOOKMARK COMMANDS FROM DOS

BOOKMARK HELP—Displays the following DOS command summary:

BOOKMARK—Placed in AUTOEXEC.BAT file during LOADMARK. This means that your computer now boots up to the **Resume y/n** question.

BOOKMARK AUTO—Resumes where you left off automatically, without you having to type **y** to resume.

BOOKMARK CONSOLE—Invokes BOOKMARK before Console I/O and not during Disk I/O. This insures that the Read-Modify-Write cycle of a program has been completed prior to BOOKMARK placement. Use in batch file activation of data base and accounting systems programs.

BOOKMARK DELETE—Deactivates BOOKMARK and deletes BOOKMARK backup files, which can be recreated by BOOKMARK ON. This is *not* the same as the choice 'D' to De-install BOOKMARK from a hard disk in the installation menu. Also used to relinquish password.

BOOKMARK OFF—Deactivates BOOKMARK from DOS, the last capture is maintained.

BOOKMARK ON—Activates BOOKMARK from DOS, without resuming from the last BOOKMARK.

BOOKMARK SHOW—Displays the current BOOKMARK settings.

BOOKMARK M5 ON—Places a BOOKMARK every 5 minutes.

BOOKMARK M5 K500 ON—Places a BOOKMARK every 5 minutes or 500 keystrokes, whichever comes first.

> The letters '**M**' and '**K**' followed by a digit (or digits), a space, and the letters **ON** can be used on the BOOKMARK command line to override the current installation settings.

BOOKMARK in Batch Files:

You may wish to have specific BOOKMARK placement intervals for different types of programs. To do this, create or append the batch files associated with those programs by using the above command string (i.e. BOOKMARK M5 ON). Consult your DOS Manual for more information on DOS Commands and batch files.

TECHNICAL CONSIDERATIONS

APPLICATION RESTORED BUT RUNNING SLOW

Some BASIC programs (e.g. games) that are BOOKMARKed in the middle of a PLAY statement may resume at a slow speed. Try exiting the application, then re-entering it. This should cause the timer to be restored to the rate specific to the application, not to timer default rate.

CLOCK CARDS

In batch files, the BOOKMARK Command must be placed after the clock activation command including DOS Commands for time and date, or ASTCLOCK/R.

DEVELOPER'S AID

By placing BOOKMARK during a failure, the same failure will be resumed and can be analyzed for cause.

DIFFICULTY RESTORING PROGRAM OR VIDEO UNCLEAR

The program appears to function properly except for the video display. Allow the application program to update the screen (e.g. page down, then page up to refresh video). These symptoms usually appear due to the use of a non-compatible video adapter, or one that does not accurately emulate the IBM design standards.

DISPLAYS

BOOKMARK does not support more than one display per system.

HARD DISK OPTIMIZATION

Use the **BOOKMARK DELETE** command from DOS before optimizing or compacting data on the hard disk. When compacting of data is complete, type **BOOKMARK** from the C>.

LOADMARK NOTES

The use of the DOS commands ASSIGN, JOIN, and SUBST is not supported and should not be used with BOOKMARK.

MODEMS

BOOKMARK allows externally or battery-powered modems that have carrier tone present during a PC crash or keyboard freeze to resume the communications session by resetting and pressing **y** to resume. The BOOKMARK resume is not always possible once carrier tone has been lost.

OTHER DRIVES

If a floppy drive or tape backup was in use during the previous BOOKMARK placement, then the same floppy disk or tape cartridge must be present during the 'BOOKMARK resume y/n' sequence.

RAM DISKS

VDISK.SYS installed in the CONFIG. SYS within the base 640k RAM is restored by BOOKMARK. Memory over 640k is not supported. It is therefore recommended that implementation of expanded RAM Disk commands be located first in the AUTOEXEC.BAT file. BOOKMARK will recognize files located in those areas during the restore process, but will not restore that area.

RAM-RESIDENT SOFTWARE

System crashes may be caused by a conflict between the KEYBUF.SYS driver and certain RAM-resident software. Try installing BOOKMARK without the Extended Key Buffer if you have it implemented. IBM-compatibles may also have conflict with KEYBUF.SYS and should be installed without the Extended Key Buffer.

RESET (CTRL, ALT, DEL simultaneously) WITH *HERCULES PLUS* INSTALLED

Will result in an inverse pattern on the screen. This is restorable by pressing **y** to resume (even though you won't see the question: BOOKMARK Resume y/n?). BOOKMARK will resume without forcing *Hercules Plus* owners to power down.

UNSUCCESSFUL BOOKMARK PLACEMENT

This can be caused by a power failure during a BOOKMARK Placement. By using the Double Backup option in Installation, work in progress can be resumed from the previous BOOKMARK Backup Placement.

In the *Hercules* Monochrome Graphics mode, a timing error causes the inaccurate BOOKMARK Placement. If you notice a scrambled dot pattern in the upper right-hand corner of the screen where the 'BOOKMARK Placement in Progress' message ususally appears, press the BOOKMARK Placement Function Key to place another BOOKMARK.

TECHNICAL SUPPORT POLICY

INTELLISOFT International backs its products with this technical support policy. Our staff is here to help with prompt and accurate information when you have a problem.

Registered new users of BOOKMARK are entitled to free technical support for a period of 90 days. This 90 day period begins with your first call to us after receipt of completed registration form, not the date of purchase.

Calls to INTELLISOFT Technical Support must be made by the registered owner as provided on the BOOKMARK Registration Form. If you wish to change the authorized name, you must notify us in writing.

If your company owns more than one copy of BOOKMARK, only one person per copy of BOOKMARK owned may receive technical support.

If you have difficulty solving your particular problem, please contact us!

INTELLISOFT International
Technical Support Division
70 Digital Drive
Novato, CA 94947
(415) 883-1188 Extension 500

BOOKMARK ERROR MESSAGES

Problem	Solution
CAN'T ACCESS BOOKMARK BACKUP FILE(S)	
• Damaged BOOKMARK files due to internal system DOS error.	• Re-install BOOKMARK. See Page 2.
CAN'T ACCESS BOOKMARK CONFIGURATION FILE	
• Your configuration of BOOKMARK as selected in the install procedure has been lost or damaged.	• Reconfigure your BOOKMARK settings by using the Change Setting option in MAIN INSTALLATION MENU. See Page 2.
CAN'T ACCESS DIRECTORY C:	
• An internal DOS error.	• Reboot system. If reboot is unsuccessful, then hard disk may need reformatting or Dealer Service. Consult DOS Reference Manual.
CAN'T CREATE BOOKMARK BACKUP FILE(S)	
• Not enough free space on the hard disk.	• Make room. Delete files or back up files to a floppy, mag tape, etc.
CAN'T FIND DOS PARTITION	
• BOOKMARK cannot locate the reserved area of the hard disk where the BOOKMARK Backup files are stored.	• Repartition and reformat the hard disk. See your DOS manual. Be sure to de-install BOOKMARK first. See Page 2.
CAN'T READ CURRENT DIRECTORY	
• The current directory has become invalid.	• Reboot system. If reboot is unsuccessful, then hard disk may need reformatting or Dealer Service. Consult DOS Reference Manual.

Problem	Solution
INSUFFICIENT MEMORY	
• After typing BOOKMARK AUTO (from DOS), there is not room in RAM for the BOOKMARK backup file to be restored.	• Reboot press **y** to resume.
DISK I/O ERROR	
• Due to an internal system DOS error, BOOKMARK is unable to read or write the Backup Files.	• Type **BOOKMARK DELETE**, then from DOS type BOOKMARK.
REMAINING DISK SPACE TOO FRAGMENTED FOR BOOKMARK BACKUP FILE	
• The remaining free space on the hard disk is enough for the BOOKMARK Backup File, but it is fragmented into too many pieces.	• Optimize or compact data on hard disk. Use a program of your choice of those available on the market that perform this function. Use BOOKMARK DELETE command first. See TECHNICAL CONSIDERATIONS—HARD DISK OPTIMIZATION on Page 12.
SORRY, NO CAPTURED PROGRAMS AVAILABLE	
• No BOOKMARK Placement has yet occurred, or, unsuccessful BOOKMARK Placement in single backup mode.	• Place a BOOKMARK or, type **BOOKMARK SHOW** from DOS to check that the BOOKMARK toggle is on. Make sure the BOOKMARK placement intervals are not too great.

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BOOKMARK

T.M.

DATA PROTECTION SOFTWARE

AUTOMATED SAVE, EXIT AND RESUME

- If you decide to call it a day, you can power down, and upon restart BOOKMARK will bring you back to the point of the last BOOKMARK placement. It's like having a BOOKMARK in your computer!
- Actually works faster than reloading program and reloading file the old way . . . the BOOKMARK way puts you there faster!

EASY TO USE

- You decide how often work is saved, by number of keystrokes and/or number of minutes.

ELIMINATES NEED FOR BACK UP BATTERY

- Costly back up battery systems are no longer needed when work in progress is already saved to the point of the previous BOOKMARK placement.

FULLY AUTOMATED

- Eliminates the need for user control . . . you can even run a program overnight, and if the power fails, BOOKMARK's **Auto-Resume** function allows your computer to resume operation without intervention.

HARD DISK FULL PROTECTION

- "Disk Full" messages no longer result in loss of work in progress because BOOKMARK already has hard disk space set aside.

PREVENTS DATA LOSS DUE TO POWER FAILURE

- BOOKMARK runs with most software and saves as you go to prevent accidental data loss.
- Work in progress can be resumed within seconds after system crash, frozen keyboard, power failure, accidental reset or power down.

TRANSPARENT OPERATION

- BOOKMARK operates without interfering with most programs.

BOOKMARK is a memory resident utility that automatically and periodically takes a snapshot of system and video RAM then saves it to a reserved and hidden area of the hard disk subsystem. Work in progress can be resumed within four to eight seconds after reboot. Resumption speed is dependent upon your processor and hard disk speed.

REQUIREMENTS:

IBM PC/XT/AT OR 100% IBM COMPATIBLE • 256K TO 640K RAM • IBM DOS 2.1 OR HIGHER
1 FLOPPY DISK DRIVE • HARD DISK (10 MEGABYTES MINIMUM)
VIDEO DISPLAY ADAPTER: IBM (MONOCHROME, COLOR/GRAPHICS, ENHANCED COLOR/GRAPHICS), AST, HERCULES.
(BOOKMARK OCCUPIES AN EQUIVALENT AMOUNT OF SPACE ON YOUR HARD DISK AS IN SYSTEM RAM PLUS VIDEO RAM)

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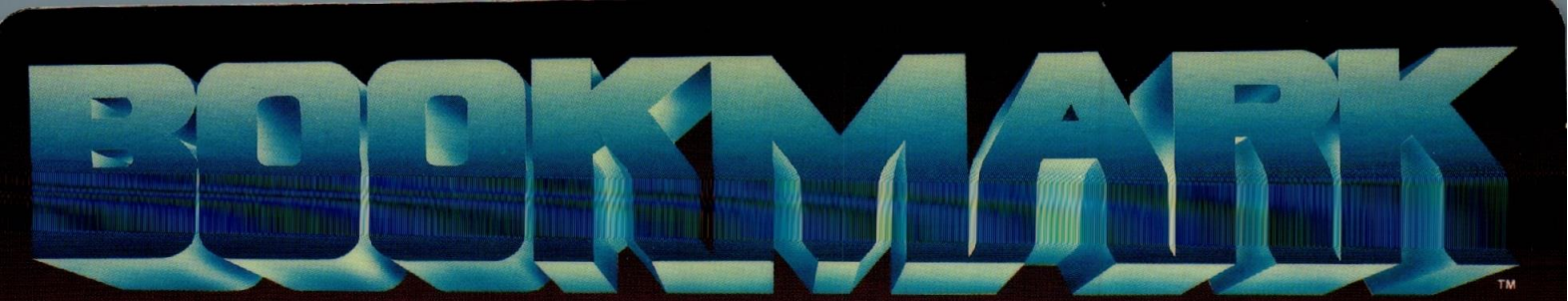
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BOOKMARK COMMANDS FROM DOS

BOOKMARK HELP - Displays the following DOS command summary:

BOOKMARK - Activates BOOKMARK Resume y/n prompt.

BOOKMARK AUTO - Resumes where left off automatically, without having to type 'y' to resume.

BOOKMARK CONSOLE - Invokes BOOKMARK before Console I/O and not during Disk I/O. Use in batch file activation of data base and accounting systems programs.

BOOKMARK SHOW - Displays the current BOOKMARK settings.

BOOKMARK OFF - *Deactivates BOOKMARK from DOS, the last capture is maintained.*

BOOKMARK ON - Activates BOOKMARK from DOS, without resuming from the last BOOKMARK.

BOOKMARK DELETE - Deactivates BOOKMARK and deletes BOOKMARK work files, which can be recreated by BOOKMARK ON. Also used by password holder to relinquish password.

BOOKMARK M5 K500 ON - Places a BOOKMARK every 5 minutes or 500 keystrokes, whichever comes first.

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