

HP 3000 Computer Systems

**HP 3000 SERIES 37
SOFTWARE INSTALLATION MANUAL**

For The Cartridge Tape Software Media Option



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This manual contains the procedures for installing the software on your new HP 3000 Series 37 Computer System. Read this manual completely at least one time before performing the steps described.

If you encounter any serious problems during the installation contact your HP Response Center or HP Sales Office. Your call will be directed to the appropriate support person for assistance.

Prior to installing the software, you should have already successfully completed the hardware installation as described in the HP 3000 Series 37 Customer Installation Guide (Part No. 30457-90001).

Your HP 3000 Series 37 Computer System is composed of at least the following devices:

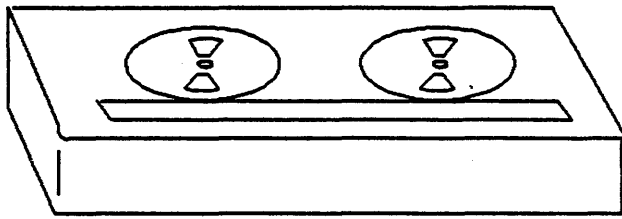
- An HP 32449A System Processor Unit (this is the computer).
- An HP 7945A Disc Drive.
- An HP 9144A Cartridge Tape Drive.
- A terminal such as the HP 2392A Terminal.

Although you may have received and connected more devices than those listed above, this is the minimum set required for the procedures described in this manual to be successful.

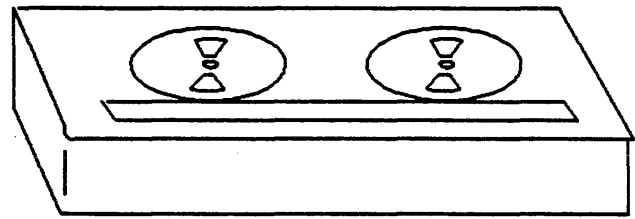
The software for your HP 3000 Series 37 Computer System is shipped on two cartridge tapes labeled FOS (Fundamental Operating Software) and SUBSYS. You received a SUBSYS tape only if extra software products (subsystems) were ordered for your site.

Two blank tapes are shipped with the system. One of them will be used later in the installation procedure; it is especially prepared or "initialized". Use only this tape and not any ordinary blank tape. (You will recognize the initialized blank cartridge tape by the red dot sticker on the back edge.)

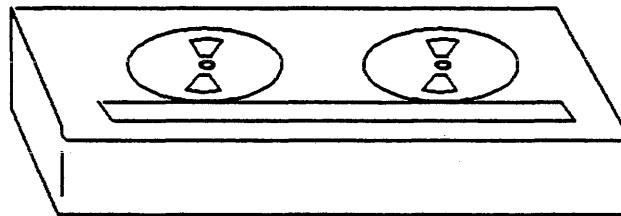
Figure 1-2 shows the three cartridge tapes that are used during the installation.



FOS



SUBSYS



INITIALIZED BLANK TAPE

Figure 1-2. Cartridge Tapes supplied with your HP 3000 Series 37.

The software installation is done by copying all the software from the FOS and SUBSYS tapes onto the system disc of your HP 3000 Series 37 Computer System. After that, you will create a "COLDLOAD" tape, using the initialized blank tape. The COLDLOAD tape will hold all the software and vital system information that you must load into the computer system before it can be used. The software installation is not complete until the system is started with the COLDLOAD tape.

TURN THE COMPUTER ON

SECTION

2

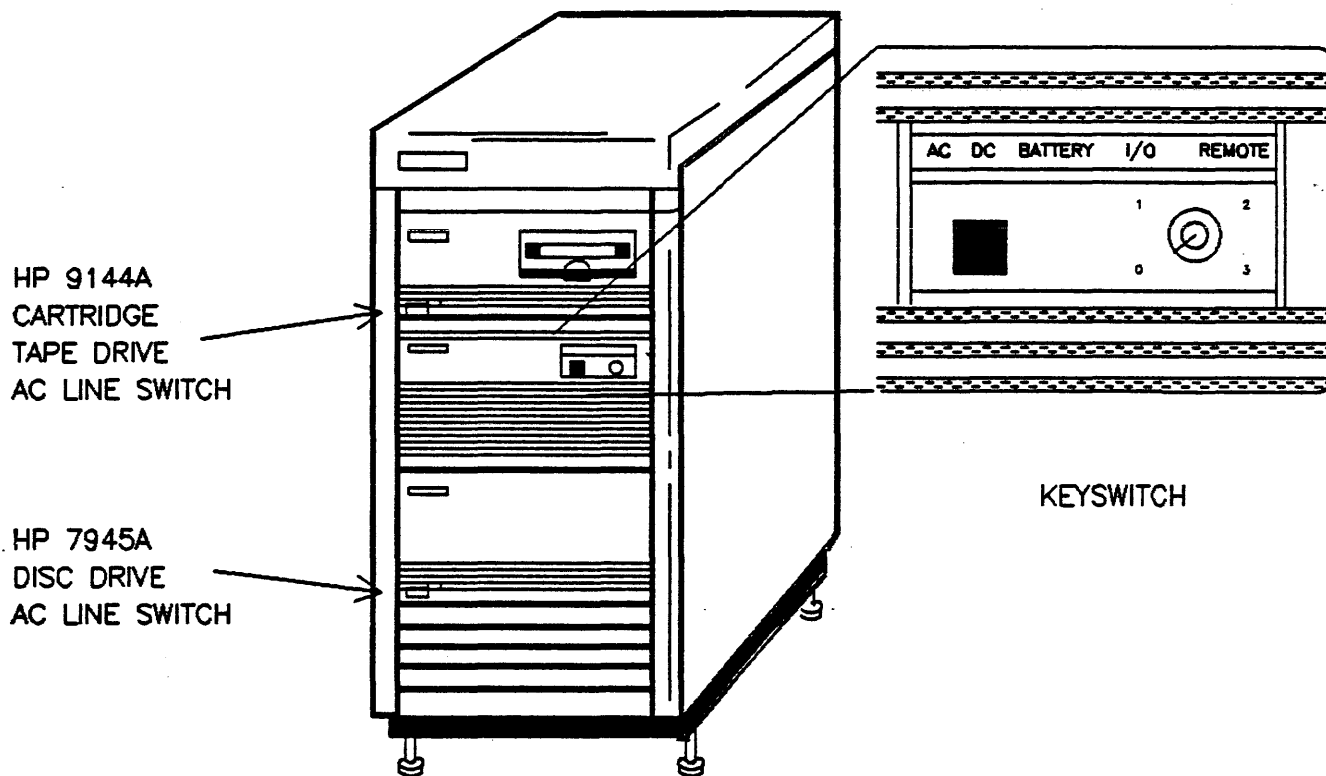


Figure 2-1. Front view of HP 3000 Series 37.

1. Locate the power button or switch on your console terminal and turn it on; the terminal will take approximately one minute to warm up.
2. Power on the HP 7945A Disc Drive by pressing its power button (AC LINE SWITCH; see Fig. 2-1) into the recessed position. The red and green lights on the right front will flicker as the drive starts up; the green light will remain on after that. Note: if you have connected a second HP 7945A do not turn it on at this time; if it is turned on then turn it off; you will be instructed to turn it on at the end of the installation procedures.
3. Power on the HP 9144A Cartridge Tape drive by pressing its power button (AC LINE SWITCH; see Fig. 2-1) into the recessed position. The green and red lights on the right front (BUSY and FAULT lights; see Fig. 3-1) will flicker for a short time and then both will turn off.
4. If you have installed one or more line printers then locate their power buttons or switches and turn them on.

7. Type IOMAP and press RETURN:

```
Test -> IOMAP
```

8. A "System I/O Configuration", like the one listed below, will now be displayed on the console terminal. Compare the configuration displayed on the console terminal against the listing below. * You must find an exact match on the console terminal for each one of the lines shaded in the listing. Since all systems are not connected with the same amount or kind of hardware, the display and the listing may not match line for line.

```
Number of banks = n
```

```
Load: Channel 4 Device 3
```

```
Start/Dump: Channel 4 Device 1
```

```
Slot 1 Channel 1 ID = 4 - Terminal Interface Controller
```

```
Slot 4 Channel 4 ID = 2 - Peripheral Interface Channel
```

```
Device 1 ID = 0220 - 7945 Disc Drive
```

```
Device 2 ID = 0240 - 7945 Disc Drive
```

```
Device 3 ID = 0260 - 9144 Cartridge Tape Unit
```

* The System I/O Configuration displayed with the IOMAP command will show only those devices connected over the HP-IB interface. If you have any devices connected over the Terminal Interface Controller (TIC) RS-232-C interface then they will not be shown. Also, if you have connected a second HP 7945A Disc Drive, it will not be displayed here because you were instructed to turn it off.

- If you see a match for each one of the shaded lines then the hardware devices are correctly connected and the rest of this software installation can now be performed.
- If you do not see a match for each one of the shaded lines then this software installation cannot be successfully performed. Consult the HP 3000 Series 37 Customer Installation Guide and verify that all the steps in that manual were performed correctly. If you still cannot find the problem then call your HP Response Center for assistance.

The following will now be displayed on the console terminal:

```
1-NORMAL
```

```
Test ->
```

9. Type EXIT and press RETURN:

```
Test -> EXIT
```

The following will then be displayed:

```
1-NORMAL
```

```
H for help ->
```

10 . Proceed to Section 3.

INSERT THE FOS TAPE

SECTION

3

1. As shown in Figure 3-1 below, insert the FOS tape into the cartridge tape drive. As soon as the tape is fully inserted, the cartridge tape drive will automatically make the tape ready for use by winding it all the way forward and then all the way back to the beginning. The BUSY light will turn on and stay lit until the tape is ready to be used. This will take 3 or 4 minutes.
2. When the BUSY light turns off, proceed to Section 4.

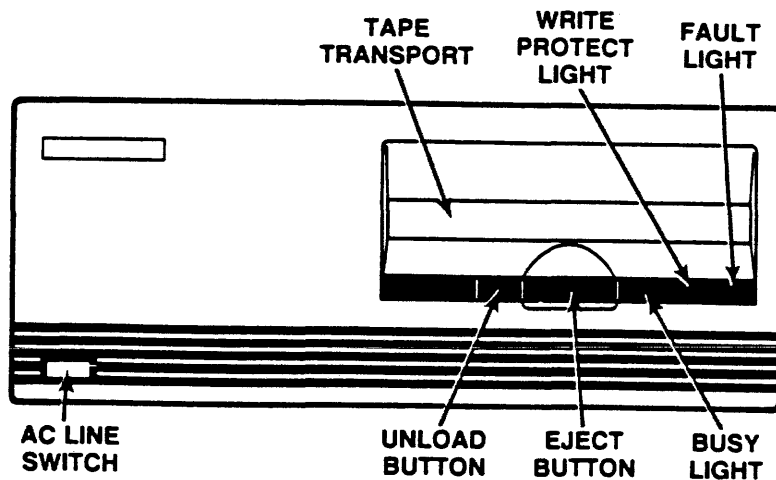
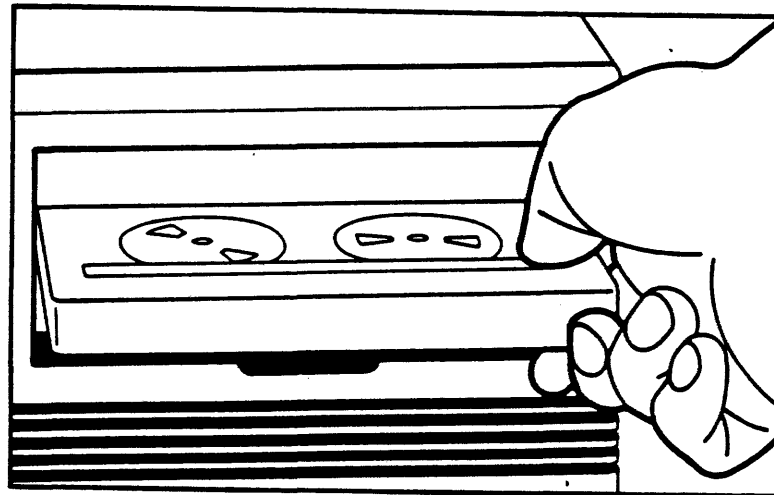


Figure 3-1. Insert the FOS tape.

1. Type in the command **NEW** and press **(RETURN)**:

```
H for help ->NEW
```

The I/O light on the front of the computer will flicker and after one or two minutes the following message will appear on the console terminal:

```
HP32033C.01.00
** PERFORMING A RELOAD FOR A NEW INSTALLATION **

**WARNING** AFTER THIS POINT DO NOT INTERRUPT THE STARTUP PROCESS UNTIL
AFTER THE MESSAGE " *WELCOME* " APPEARS
```

CAUTION

Do not interrupt the startup process by turning the keyswitch to any other position but 1, or turning the power off.

Now, for the next thirty-five minutes, the computer will automatically perform the copying and loading of all the software contained on the FOS cartridge tape.

The following progress messages will appear on the console screen during the FOS installation process:

```
INITIALIZATION OF DISC FREE SPACE MAPS COMPLETED
DIRECTORY MAINTENANCE COMPLETED
LOADING OF SYSTEM FILES IN PROGRESS
LOADING OF SYSTEM FILES COMPLETED
RELOAD OF USER FILES IN PROGRESS
RELOAD OF USER FILES COMPLETED
PART 1 OF 6 COMPLETE - MEMORY RESIDENT TABLES SET UP
PART 2 OF 6 COMPLETE - SL BINDING
PART 3 OF 6 COMPLETE - SYSTEM I/O PROCESS CREATION
PART 4 OF 6 COMPLETE - DRIVER LOADING
PART 5 OF 6 COMPLETE - DISC RESIDENT TABLES SET UP
PART 6 OF 6 COMPLETE - SYSTEM PROCESS CREATION
BANK 0 DEPENDENT MEMORY USED - nnnnn
```

The FOS tape installation is complete after the last of these messages has been displayed.

If you should encounter any problems with the steps in this section, or if the message you are waiting for is never displayed, then contact your HP Response Center or HP Sales Office. In particular, when you call the Response Center inform them that you had a problem with the **NEW** command.

2. Proceed to Section 5.

SET THE DATE AND TIME

SECTION

5

The following will now be displayed (what you will see displayed is the date and time as pre-set in the computer, not necessarily the date and time shown below):

```
TUE, OCT 15, 1985, 12:05 PM? (Y/N)
```

The HP 3000 Series 37 Computer System is asking you if this is the correct date and time.

NOTE

If you fail to respond within sixty seconds after the date and time are displayed then the system will automatically assume that the displayed date and time are correct. If you are unable to respond within the sixty-second time limit, and an incorrect date and time are automatically set, then you must wait until SECTION 11, "TYPE IN THE COMMAND 'COLD'" or APPENDIX A, "INSTALL HPSPELL/3000", before you can set the correct date and time.

- If the displayed date and time are correct then type YES and press RETURN (Y, y, yes, or merely pressing RETURN are also accepted affirmative responses). Proceed to Section 6.
- If the displayed date and time are not correct then type NO (N, n, and no are also accepted negative responses). The following will then be displayed:

```
DATE (M/D/Y)?
```

1. Type in the correct date in the following format:

mm/dd/yy

where:

mm - is one or two digits representing the month of the year.

dd - is one or two digits representing the day of the month.

yy - is one or two digits representing the year of the century.

For example, if the current date is Wednesday, October 16, 1985, then type 10/16/85 and press RETURN.

TYPE IN THE COMMAND 'RUN AUTOINST.PUB.SYS'

SECTION

6

If you ordered a SUBSYS tape with additional software products but it has not yet arrived then do not continue with the installation procedures.

The following should now be displayed on the console terminal:

```
LOG FILE NUMBER 0 ON
*WELCOME*
:HELLO MANAGER.SYS;HIPRI
time/pin/SP#6/SPOOLED OUT
time/pin/SP#25/SPOOLED OUT
time/#Sn/pin/LOGON FOR: MANAGER.SYS, PUB ON LDEV #20
HP3000 / MPE V G.01.00 (BASE G.01.00). date, time

      THE MPE OPERATING SYSTEM HAS JUST BEEN INSTALLED.
      TO BEGIN THE INSTALLATION OF HP-SUPPORTED SOFTWARE,
      ENTER:

              :RUN AUTOINST.PUB.SYS
```

When the system displays the above messages it indicates that the majority of all the software has been installed successfully and that you are currently logged on as MANAGER.SYS. You will now proceed to install the extra software products purchased for your site.

Note the different prompt that is now being displayed; a "␣" instead of "H for help->". (If the message **LDEV #6 NOT READY** is displayed after the prompt, merely press **(RETURN)** and the prompt will reappear.)

NOTE

"Mount" and "dismount" messages such as:

```
time/pin/Vol (UNLABELED) MOUNTED ON LDEV #7
```

or

```
time/pin/VOLUME DISMOUNTED ON LDEV #7
```

may appear on the screen from this point on. These messages may interfere with the placement of the "␣" prompt. To regain the prompt, merely press **(RETURN)** and the prompt will reappear.

1. Press the EJECT button on the cartridge tape drive (see Figure 3-1) and remove the FOS tape.
2. Type **RUN AUTOINST.PUB.SYS** and press **(RETURN)**:

```
:RUN AUTOINST.PUB.SYS
```

INSERT THE SUBSYS TAPE

SECTION

7

If a SUBSYS tape was not included with your HP 3000 Series 37 Computer System then skip this section and proceed to Section 9.

The following should currently be displayed:

MOUNT THE SUBSYS TAPE AND PUT THE TAPE
DRIVE ONLINE. THE HP-SUPPORTED SOFTWARE
FILES WILL BE RESTORED.

1. Insert the SUBSYS tape into the cartridge tape drive, as shown in Figure 7-1 below.

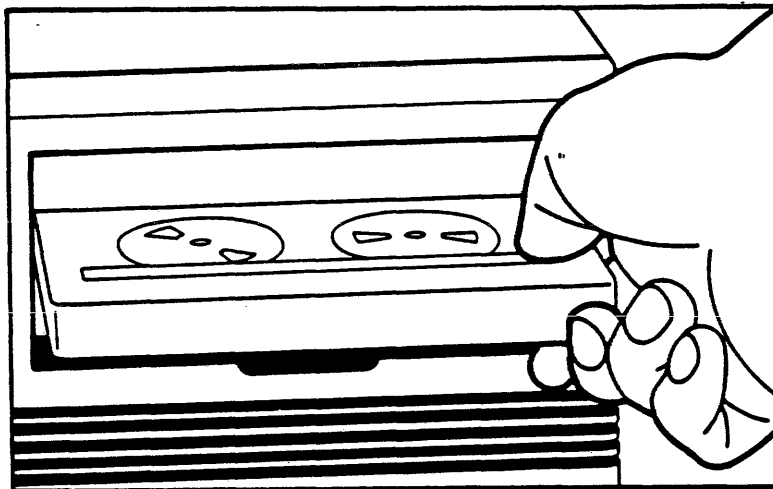


Figure 7-1. Insert the SUBSYS tape.

INSTALL THE SOFTWARE PRODUCTS

SECTION

8

If a SUBSYS tape was not included with your HP 3000 Series 37 Computer System then skip this section and proceed to Section 9.

The following message may or may not be displayed, depending on which additional software products were ordered and shipped for your installation. Furthermore, the list of products shown below is merely an example of what you will see:

```
*WARNING -- THIS PROGRAM CANNOT INSTALL THE PRODUCTS
LISTED BELOW. IF YOU WANT TO CONTINUE WITH AUTOINST,
THE COLD LOAD TAPE WILL NOT INCLUDE THESE PRODUCTS. (INSTWARN # 1)
```

```
HPDESKMANAGER/3000
HPWORD/3000
HPSPELL/3000 (AM)
HPSPELL/3000 (AM/BR)
TDP/3000
HPMENU/3000
SPEECH LIBRARY/3000
INFORM/3000 TRAINING
HPTELEX/3000
```

```
DO YOU WANT TO INSTALL THESE PRODUCTS NOW AND CONTINUE
WITH AUTOINST AFTER INSTALLING THESE PRODUCTS (Y/N)?
>>
```

- If this message is not displayed, then all of the software products contained on the tape will be installed automatically. Skip to Step 1 of this section.
- If this message is displayed and if it lists ANY non-customer installable software products (HPDESKMANAGER/3000, HPWORD/3000, or HPTELEX/3000), then you must have the assistance of your local HP Response Center to install them.
 - a. Type Y and press **(RETURN)**.
 - b. Skip to Step 2.
- If this message is displayed and if it lists any customer installable software products (HPSPELL/3000, HPMENU/3000, TDP/3000, SPEECH LIBRARY/3000, or INFORM/3000 TRAINING), install them at this time by doing the following:
 - a. Type Y and press **(RETURN)**.
 - b. Skip to Step 2.

3. To install your customer installable software products, refer to the appropriate appendices at the back of this manual and perform the steps described. Each appendix will direct you back to this step.
 - To install HPSPELL/3000 use Appendix A.
 - To install HPMENU/3000 use Appendix B.
 - To install TDP/3000 use Appendix C.
 - To install SPEECH LIBRARY/3000 use Appendix D.
 - To install INFORM/3000 INTERACTIVE TRAINING FACILITY use Appendix E.
 - To install any non-customer installable products (HPDESKMANAGER/3000, HPWORD/3000, or HPTELEX/3000, contact your HP Response Center for assistance.
4. After installing these products, proceed to Section 9.

CREATE THE COLDLOAD TAPE

The following will now be displayed:

TO CREATE A COLD LOAD TAPE, ENSURE THAT WRITE IS ENABLED ON AN HP-SUPPLIED BLANK TAPE. MOUNT THE TAPE AND PUT THE TAPE DRIVE ONLINE.

1. To create the COLDLOAD tape you will use the initialized blank tape shipped with your HP 3000 H Series 37 Computer System (even if you used this tape to install PSPELL/3000, you can now use it again). This tape was especially prepared (initialized) before shipment; use only this tape and not any blank tape.
2. Ensure that the COLDLOAD tape is "write-enabled" by assuring that the arrow points away from "SAFE" as indicated in Figure 9-1 below.

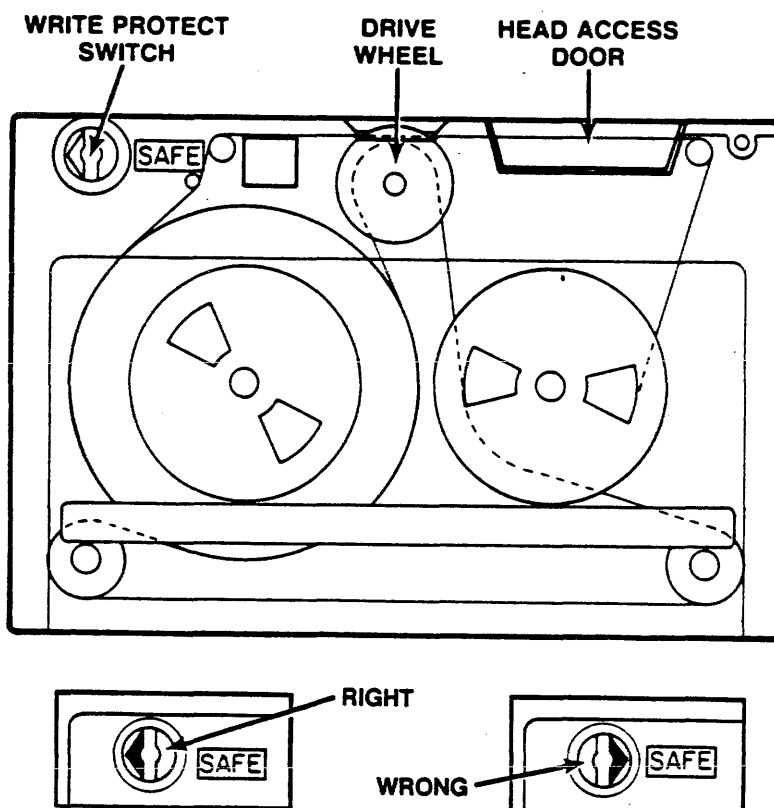


Figure 9-1. Tape Cartridge.

TYPE IN THE COMMAND 'SHUTDOWN'

SECTION

10

The following will now be displayed:

```
THE SYSTEM MUST NOW BE SHUTDOWN TO COMPLETE THE  
INSTALLATION: ENTER CONTROL-A SHUTDOWN (=SHUTDOWN).  
NEXT, MOUNT THE COLD LOAD TAPE AND PUT THE TAPE DRIVE  
ONLINE. ENTER CONTROL-B COLD (>COLD).
```

```
END OF PROGRAM
```

1. Type BYE and press RETURN. The following will then be displayed:

```
CPU=n. CONNECT=n. date, time  
time/job/pin/LOGOFF ON LDEV#n
```

2. Press RETURN and a "█" prompt will be displayed.
3. While holding down the CONTROL key (this key may be labeled "CTRL"), type the letter "A". The "█" prompt will now be displayed at the console.
4. Type SHUTDOWN and press RETURN:

```
=SHUTDOWN
```

This command will cause the computer to shut down its processing in preparation for restarting. The following will be displayed:

```
time/pin/ALL JOBS LOGGED OFF  
SHUT  
  
Halt 15  
  
1-NORMAL  
H for help ->
```

5. Re-insert the COLDLOAD tape.
6. When the BUSY light turns off, proceed to Section 11.

1. The "H for help ->" prompt will now be displayed at the console. Type COLD and press RETURN:

```
H for help ->COLD
```

Now, for the next twenty-five minutes, the computer will automatically perform a "COLDSTART" of your HP 3000 Series 37 Computer System. The COLDSTART is the final procedure of the installation process. The following progress messages will appear on the console screen during the COLDSTART.

```
HP32033G.01.00
** PERFORMING A COLDSTART **

**WARNING** AFTER THIS POINT DO NOT INTERRUPT THE STARTUP PROCESS UNTIL
AFTER THE MESSAGE " *WELCOME* " APPEARS

DIRECTORY MAINTENANCE COMPLETED
LOADING OF SYSTEM FILES IN PROGRESS
LOADING OF SYSTEM FILES COMPLETED
PART 1 OF 6 COMPLETE - MEMORY RESIDENT TABLES SET UP
PART 2 OF 6 COMPLETE - SL BINDING
PART 3 OF 6 COMPLETE - SYSTEM I/O PROCESS CREATION
PART 4 OF 6 COMPLETE - DRIVER LOADING
PART 5 OF 6 COMPLETE - DISC RESIDENT TABLES SET UP
PART 6 OF 6 COMPLETE - SYSTEM PROCESS CREATION
BANK 0 DEPENDENT MEMORY USED - #####

day,date,year,time? (Y/N)
```

2. Just as in Section 5, "SET THE DATE AND TIME", the computer is asking you if the displayed date and time are correct. Refer to Section 5 and follow the procedures described there to accept or reject the date and time.

After you have set the correct date and time, the following will be displayed:

```
LOG FILE NUMBER n ON
*WELCOME*
:HELLO OPERATOR.SYS;HIPRI
time/pin/SP#6/SPOOLED OUT
time/pin/SP#25/SPOOLED OUT
time/session/pin/LOGON FOR: OPERATOR.SYS,PUB ON LDEV #20
HP3000 / MPE V G.01.00 (BASE G.01.00). date, time
:
```


INSTALL HPSPELL/3000

This appendix contains the instructions for installing the software product HPSPELL/3000 (product number 36561A for the American version or product number 36562A for the American/British version) on your HP 3000 Series 37 Computer System.

1. To regain the "⌘" prompt, if it has moved toward the top of the screen, merely press **RETURN** and it will reappear.
2. The next action depends on whether you have the American or the American/British version of HPSPELL/3000. Check the Product Number for HPSPELL/3000 on the packing list that was included with your SUBSYS tape. If you have the American version then the product number on the packing list will be 36561A. If you have the American/British version then the product number on the packing list will be 36562A.

- If you have the American version of HPSPELL/3000, type in the following and press **RETURN**:

```
:STREAM I00I561A.HP36561A.HPPL85
```

The following will then be displayed:

```
time/job/pin/LOGON FOR: I00I561A,MANAGER.SYS,PUB ON LDEV #10
time/job/pin/***STREAM I01I561A TO INSTALL DUMMY CORPORATE DICT.
time/job/pin/***WHEN THIS INSTALLATION IS COMPLETE.
time/job/pin/***AND ENSURE THAT YOU HAVE A USER MGR.HPOFFICE.
```

- If you have the American/British version of HPSPELL/3000, type in the following and press **RETURN**:

```
:STREAM I00I562A.HP36562A.HPPL85
```

The following will then be displayed:

```
time/job/pin/LOGON FOR: I00I562A,MANAGER.SYS,PUB ON LDEV #10
time/job/pin/***STREAM I01I562A TO INSTALL DUMMY AMERICAN DICT.
time/job/pin/***WHEN THIS INSTALLATION IS COMPLETE.
time/job/pin/***AND ENSURE THAT YOU HAVE A USER MGR.HPOFFICE.

time/job/pin/***STREAM I02I562A TO INSTALL DUMMY BRITISH DICT.
time/job/pin/***WHEN THIS INSTALLATION IS COMPLETE.
time/job/pin/***AND ENSURE THAT YOU HAVE A USER MGR.HPOFFICE.
```

3. In either case, the following will then be displayed:

```
time/job/pin/FROM/MANAGER.SYS/*****
time/job/pin/FROM/MANAGER.SYS/*** PLEASE MOUNT A SCRATCH TAPE *
time/job/pin/FROM/MANAGER.SYS/*** FOR A NEW UPDATE LOAD TAPE. *
time/job/pin/FROM/MANAGER.SYS/*****
```

9. Type SHUTDOWN and press RETURN:

```
-SHUTDOWN
```

This command will cause the computer to shut down its processing in preparation for restarting. The following will be displayed:

```
time/pin/ALL JOBS LOGGED OFF  
SHUT  
  
Halt 15  
  
1-NORMAL  
H for help ->
```

10. Type UPDATE and press RETURN:

```
H for help->UPDATE
```

The BUSY light will flicker on and off and the following progress messages will be displayed during a period of time from 25-35 minutes in length.

```
HP32033C.01.00  
** PERFORMING AN UPDATE **  
  
**WARNING** AFTER THIS POINT DO NOT INTERRUPT THE STARTUP PROCESS UNTIL  
AFTER THE MESSAGE " *WELCOME* " APPEARS  
  
DIRECTORY MAINTENANCE COMPLETED  
LOADING OF SYSTEM FILES IN PROGRESS  
LOADING OF SYSTEM FILES COMPLETED  
PART 1 OF 6 COMPLETED - MEMORY RESIDENT TABLES SET UP  
PART 2 OF 6 COMPLETED - SL BINDING  
PART 3 OF 6 COMPLETED - SYSTEM I/O PROCESS CREATION  
PART 4 OF 6 COMPLETED - DRIVER LOADING  
PART 5 OF 6 COMPLETED - DISC RESIDENT TABLES SET UP  
PART 6 OF 6 COMPLETED - SYSTEM PROCESS CREATION  
BANK 0 DEPENDENT MEMORY USED - nnnnn  
day, date, year, time ? (Y/N)
```

11. Once again, just as in Section 5, "SET THE DATE AND TIME", the computer is asking you if the displayed date and time are correct. Refer to Section 5 and follow the procedures described there to accept or reject the date and time.

The following will then be displayed:

```
LOG FILE NUMBER n ON  
*WELCOME*  
:HELLO OPERATOR.SYS;HIPRI  
time/pin/SP#6/SPOOLED OUT  
time/pin/SP#25/SPOOLED OUT  
time/#Sn/pin/LOGON FOR: OPERATOR.SYS,PUB ON LDEV #20  
HP3000 / MPE V G.01.00 (BASE G.01.00). day, date, year, time
```

INSTALL HPMENU/3000

APPENDIX

B

This appendix contains the instructions for installing the software product HPMENU/3000 (product number 32112) on your HP 3000 Series 37 computer system.

1. To regain the `HP` prompt, if it has moved toward the top of the screen, merely press `RETURN` and it will reappear.
2. Type in the following command and press `RETURN`:

```
STREAM I01I112A.HP32112.HPPL85
```

The following progress messages will then be displayed:

```
time/job/pin/LOGON FOR: I01I112A,MANAGER.SYS,PUB ON LDEV #10
time/job/pin/LOGOFF ON LDEV #10
time/job/pin/LOGON FOR: HPOFFICE,MGR.HPOFFICE,PUB ON LDEV #10
time/job/pin/LOGOFF ON LDEV #10
time/job/pin/LOGON FOR: DFILES,MGR.HPOFFICE,HPMENU ON LDEV #10
time/job/pin/LOGOFF ON LDEV #10
time/job/pin/LOGON FOR: MENUDONE,MGR.HPOFFICE,HPMENU ON LDEV #10
time/job/pin/FROM/MGR.HPOFFICE/** HPMENU (HP32112A.01.00) IS INSTALLED
time/job/pin/LOGOFF ON LDEV #10
```

If all of the above messages are not displayed then the installation of HPMENU/3000 was not completed successfully. Contact your HP Response Center or HP Sales Office for assistance.

3. The installation of HPMENU/3000 is now complete. If you have no other software products to install then type in the following command, press `RETURN`, and then proceed to Section 9:

```
RUN AUTOINST.PUB.SYS
```

If you do have other software products to install, return to Step 3 of Section 8 to find which Appendix to proceed to.

INSTALL TDP/3000

APPENDIX

C

This appendix contains the instructions for installing the software product TDP/3000 (product number 36578) on your HP 3000 Series 37 computer system.

1. To regain the **T** prompt, if it has moved toward the top of the screen, merely press **RETURN** and it will reappear.
2. Type in the following and press **RETURN**:

```
:STREAM I001578A.HP36578.HPPL85
```

The following progress messages will then be displayed:

```
time/job/pin/LOGON FOR: I001578A,MANAGER.SYS,PUB ON LDEV #10
time/job/pin/LOGOFF ON LDEV #10
time/job/pin/LOGON FOR: HPOFFICE,MGR.HPOFFICE,PUB ON LDEV #10
time/job/pin/LOGOFF ON LDEV #10
time/job/pin/LOGON FOR: DFILES,MGR.HPOFFICE,TDPDATA ON LDEV #10
time/job/pin/LOGON FOR: SETUDC,SPOOLMAN.HPOFFICE,TDPDATA ON LDEV #10
time/job/pin/LOGOFF ON LDEV #10
time/job/pin/LOGON FOR: LASTJOB,MANAGER.SYS,PUB ON LDEV #10
time/job/pin/LOGOFF ON LDEV #10
time/job/pin/FROM/MANAGER.SYS/** TDP INSTALLATION WILL DELETE OLD PRODUCT
time/job/pin/FROM/MANAGER.SYS/** FILES IN PUB.SYS. DETAILS IN G00G578A FILE
time/job/pin/FROM/MANAGER.SYS/**TDP/3000 (HP36578A.03.10) IS INSTALLED **
time/job/pin/LOGOFF ON LDEV #10
```

If all of the above messages are not displayed then the installation of TDP/3000 was not completed successfully. Contact your HP Response Center or HP Sales Office for assistance.

3. The installation of TDP/3000 is now complete. If you have no other software products to install then type in the following command, press **RETURN**, and then proceed to Section 9:

```
:RUN AUTOINST.PUB.SYS
```

If you do have other software products to install, return to Step 3 of Section 8 to find which Appendix to proceed to.

INSTALL SPEECH LIBRARY/3000

APPENDIX

D

This appendix contains the instructions for installing the software product SPEECH LIBRARY/3000 (product number 27205) on your HP 3000 Series 37 computer system.

1. To regain the "⌘" prompt, if it has moved toward the top of the screen, merely press **(RETURN)** and it will reappear.
2. Type in the following command and press **(RETURN)**:

```
:STREAM I001205A.HP27205.SUPPORT
```

The following will then be displayed:

```
time/job/pin/LOGON FOR: SPEECH.MANAGER.SYS,PUB ON LDEV# 10
```

The installation process will take about 25 minutes. If successful, it will terminate with the following message:

```
time/job/pin/FROM/MANAGER.SYS/Speech Library/3000 is installed  
time/job/pin/LOGOFF ON LDEV# 10
```

3. Type in the following commands, pressing **(RETURN)** after each:

```
:HELLO FIELD.SUPPORT,PUB
```

```
:PURGEGROUP HP27205
```

The following will then be displayed:

```
GROUP HP27205 TO BE PURGED? (YES/NO)
```

4. Type "Y" and press **(RETURN)**.
5. The installation of SPEECH LIBRARY/3000 is now complete. If you have no other software products to install then type in the following command, press **(RETURN)**, and then proceed to Section 9:

```
:RUN AUTOINST.PUB.SYS
```

If you do have other software products to install, return to Step 3 of Section 8 to find which Appendix to proceed to.

INSTALL THE INFORM/3000 INTERACTIVE TRAINING FACILITY

APPENDIX

E

This appendix contains the instructions for installing the software product INFORM/3000 INTERACTIVE TRAINING FACILITY (product number 32246) on your HP 3000 Series 37 computer system.

1. To regain the "P" prompt, if it has moved toward the top of the screen, merely press **RETURN** and it will reappear.
2. Type in the following command and press **RETURN**:

```
.STREAM I01T246A.TR32246.HPPL89
```

The installation process will then continue and several progress messages will be displayed:

```
time/job/pin/LOGON FOR: I01T246A,MANAGER.SYS,PUB ON LDEV #10  
time/job/pin/LOGOFF ON LDEV #10  
time/job/pin/LOGON FOR: I01T246A,FIELD.HPPL89,TR32246 ON LDEV #10  
time/job/pin/LOGOFF ON LDEV #10  
time/job/pin/LOGON FOR: I01T246A,MANAGER.ITF3000,PUB ON LDEV #10  
time/job/pin/FROM/MANAGER.ITF3000/JOB I01T246A FINISHED.STREAM I00T246A  
time/job/pin/LOGOFF ON LDEV #10
```

3. Type in the following command and press **RETURN**:

```
.STREAM I00T246A.TR32246.HPPL89
```

The installation process will then continue and several progress messages will be displayed:

```
time/job/pin/LOGON FOR: I00T246A,FIELD.HPPL89,TR32246 ON LDEV #10  
time/job/pin/LOGOFF ON LDEV #10  
time/job/pin/LOGON FOR: I00T246A,MANAGER.ITF3000,PUB ON LDEV #10  
time/job/pin/FROM/MANAGER.ITF3000/INFORM TRAINING INSTALL JOB FINISHED  
time/job/pin/LOGOFF ON LDEV #10
```

4. Type in the following command and press **RETURN**:

```
.STREAM T00T246A.TR32246.HPPL89
```

The installation process will then continue and several progress messages will be displayed:

```
time/job/pin/LOGON FOR: T00T246A,MANAGER.ITF3000,PUB ON LDEV #10  
time/job/pin/FROM/MANAGER.ITF3000/INFORM TRAINING INSTALL SUCCESSFUL  
time/job/pin/LOGOFF ON LDEV #10
```

If all of the above messages are not displayed then the installation of INFORM/3000 INTERACTIVE TRAINING FACILITY was not completed successfully. Contact your HP Response Center or HP Sales Office for assistance.

This appendix contains the instructions for configuring additional hardware devices (certain printers, terminals, etc.) on your Series 37 Computer System. Additional hardware devices are those not mentioned as part of the minimum system configuration in Section 1, "GETTING STARTED". The following devices may be configured using this appendix as a guide (refer to the HP 3000 Customer Installation Guide for references to LDEVs):

- Additional HP 2932, 2933, 2934, 2686, 2687, 2601, and 2602 Printers (in addition to LDEV 25).
- Additional HP terminals (in addition to LDEVs 20 through 24).
- An additional modem (in addition to LDEV 27).
- A second HP 7945A Disc Drive.

You will configure your additional devices using the dialogue that is initiated with the SYSDUMP command. This appendix will supply you with the appropriate answers to the dialogue questions for configuring each device.

You should have completed training in or have experience with the SYSDUMP dialogue for configuring devices (or at least have access to someone with that training or experience) before performing the procedures in this appendix.

For a detailed explanation of the use of the SYSDUMP command refer to the MPE V System Operation and Resource Management manual (32033-90005), Section V, "THE SYSTEM SUPERVISOR".

The current I/O configuration on your system shows:

- An HP 7945A Disc Drive configured as the system disc on LDEV 1.
- An HP 2563, 2565, or 2566 Printer configured as a system printer on LDEV 6.
- An HP 9144 Cartridge Tape Drive configured as LDEV 7.
- Five Terminals configured as LDEVs 20 through 24.
- A dummy (not physically connected) HP 7970 Magnetic Tape Drive configured as a streams device on LDEV 10.
- An HP 2932, 2933, 2934, or 2686 Printer configured as LDEV 25.
- A Modem configured as LDEV 27.

NOTE

You may not have connected all the devices listed on the previous page. In addition, you may have connected more devices which are not displayed.

The following SYSDUMP dialogue question will then be displayed (do not press RETURN):

LIST DEVICE DEFAULTS?

3. Exit out of the SYSDUMP dialogue by pressing the BREAK key. The ":" prompt will then be displayed. Type ABORT and press RETURN. The following will then be displayed:

PROGRAM ABORTED PER USER REQUEST. (CIERR 989)
:

An Example Of Filling In The Configuration Worksheet

In the example below, the Configuration Worksheet has been filled according to the instructions on the previous page (the example shows only a portion of the entire Worksheet):

Port/Unit #	Product #	Description	Table	Configd?	LDEV#	DRT#
Standard ATP37 0		console		✓	20	8
1	———— no device connected ————				21	8
2	———— no device connected ————				22	8
3	HP2934 Printer		F-1		23	8
4	HP2687 Printer		F-2		24	8
5	HP2686 Printer		————	✓	25	8
7	———— no device connected ————				27	8

In this example, an HP 2934 Printer is connected as LDEV 23. From the instructions in the box on the preceding page you can see that the proper SYSDUMP Dialogue Table to use for that device is F-1.

On the next line, an HP 2687 Printer is connected as LDEV 24. From the instructions in the box on the preceding page you can see that the proper SYSDUMP Dialogue Table to use for that device is F-2.

On the next line, an HP 2686 Printer is connected as LDEV 25. From the instructions in the box on the preceding page you can see that it is not necessary to configure this device (no action required). This device is therefore checked off.

Fill in your Configuration Worksheet in the same manner.

After you have filled it in, if no action is required for any of the devices you have connected to your system then no further action is required to configure devices, and you do not need to continue with the procedures in this appendix. Return to step 5 of Section 11. Otherwise, you will now proceed to use the Worksheet to indicate which tables to use to make responses during the SYSDUMP dialogue.

PROCEED WITH THE SYSDUMP DIALOGUE

In the following pages you will repeatedly perform a portion of the SYSDUMP dialogue for each device that requires a change to the system configuration. Perform the dialogue steps in the appropriate SYSDUMP Dialogue Table as indicated on the Configuration Worksheet that you have previously filled out.

NOTE

If you make an error when responding to a question you need not worry that the device will be configured incorrectly. Continue to the last step in that SYSDUMP Dialogue Table and then repeat all the questions in the table. When you repeat the dialogue steps for a particular LDEV# you overwrite the previous values entered.

You must perform the SYSDUMP dialogue for all other devices (LDEVs 21 through 37) before you can proceed to the section entitled "IF YOU HAVE A SECOND HP 7945A DISC DRIVE" to perform the SYSDUMP dialogue to configure your additional HP 7945A Disc Drive (LDEV 2).

1. Refer to your Configuration Worksheet and proceed in order of LDEV# (i.e., first LDEV 21, then LDEV 22, then 23 through 25, etc.).
2. For each LDEV# where you entered a SYSDUMP Dialogue Table number (F-1, F-2, F-3, or F-4), refer to the appropriate table and complete the dialogue steps contained there.
3. As you complete dialogue steps 8 through 43 of one of the SYSDUMP Dialogue Tables (F-1, F-2, F-3, or F-4) check off the LDEV# on the Configuration Worksheet under the heading "Confgd?".
4. When you have checked each device up to and including LDEV 37 then proceed to either the section entitled "IF YOU HAVE A SECOND HP 7945A DISC DRIVE" or the section entitled "IF YOU DO NOT HAVE A SECOND HP 7945A DISC DRIVE".

TABLE F-2. SYSDUMP Dialogue
For HP 2687 Printer

Enter responses as underlined (e.g., HPPCLATP) and press RETURN. If you make an error in a response continue responding to the rest of the questions in the table until dialogue step number 8, LOGICAL DEVICE #? is displayed again, then repeat the table giving the correct responses.

STEP NO.	SYSDUMP DIALOGUE	USER RESPONSE
8	LOGICAL DEVICE # ?	LDEV# FROM WORKSHEET
8.1	DEVICE NAME?	<u>HPPCLATP</u>
9	DRT # ?	STANDARD ATP37: <u>8</u> ADD-ON ATP37: <u>24</u>
10	UNIT # ?	PORT/UNIT# FROM WORKSHEET
11	SOFTWARE CHANNEL # = 0?	<u>RETURN</u>
12	TYPE = 32?	<u>RETURN</u>
13	SUB TYPE = 14?	<u>RETURN</u>
14	ENTER [TERM TYPE#], [DESCRIPTOR FILENAME]=(TTPCL22.PUB.SYS) ?	<u>TTPCL18.PUB.SYS</u>
15	SPEED IN CHARACTERS PER SECOND = 960?	<u>RETURN</u>
30	RECORD WIDTH = 66?	<u>RETURN</u>
31	OUTPUT DEVICE = 0?	<u>RETURN</u>
32	ACCEPT JOBS/SESSIONS = N?	<u>RETURN</u>
33	ACCEPT DATA = N?	<u>RETURN</u>
34	INTERACTIVE = N?	<u>RETURN</u>
35	DUPLICATIVE = N?	<u>RETURN</u>
36	INITIALLY SPOOLED = Y?	<u>RETURN</u>
37.1	AUTO REPLY = N?	<u>RETURN</u>
38	DRIVER NAME = HIOASLP0?	<u>RETURN</u>
43	DEVICE CLASSES = LP?	<u>RETURN</u>

TABLE F-4. SYSDUMP Dialogue
For Terminal or Modem

Enter responses as underlined (e.g., HPTERMATP) and press RETURN. If you make an error in a response continue responding to the rest of the questions in the table until dialogue step number 8, LOGICAL DEVICE #? is displayed again, then repeat the table giving the correct responses.

STEP NO.	SYSDUMP DIALOGUE	USER RESPONSE
8	LOGICAL DEVICE # ?	LDEV# FROM WORKSHEET
8.1	DEVICE NAME?	<u>HPTERMATP</u>
9	DRT # ?	STANDARD ATP37: <u>8</u> ADD-ON ATP37: <u>24</u>
10	UNIT # ?	PORT/UNIT# FROM WORKSHEET
11	SOFTWARE CHANNEL # = 0?	<u>RETURN</u>
12	TYPE = 16?	<u>RETURN</u>
13	SUB TYPE = 0?	FOR A TERMINAL: <u>RETURN</u> FOR A MODEM: <u>1</u>
14	ENTER [TERM TYPE#], [DESCRIPTOR FILENAME] = (10) ?	<u>RETURN</u>
15	SPEED IN CHARACTERS PER SECOND = 960?	FOR A TERMINAL: <u>RETURN</u> FOR A MODEM: <i>modem speed</i>
30	RECORD WIDTH = 40?	<u>RETURN</u>
31	OUTPUT DEVICE = <i>ldev</i> ?	<u>RETURN</u>
32	ACCEPT JOBS/SESSIONS = Y?	<u>RETURN</u>
33	ACCEPT DATA = Y?	<u>RETURN</u>
34	INTERACTIVE = Y?	<u>RETURN</u>
35	DUPLICATIVE = Y?	<u>RETURN</u>
36	INITIALLY SPOOLED = N?	<u>RETURN</u>
37.1	AUTO REPLY = N?	<u>RETURN</u>
38	DRIVER NAME = HIOTERM1?	<u>RETURN</u>
43	DEVICE CLASSES = TERM?	<u>RETURN</u>

STEP NO.	SYSDUMP DIALOGUE	USER RESPONSE						
8	LOGICAL DEVICE # ?	<u>RETURN</u>						
46	MAX # OF OPEN SPOOLFILES = <i>nn</i> (MIN=0, MAX= <i>nnnn</i>)?	<u>RETURN</u>						
47	LIST I/O DEVICES?	<u>RETURN</u>						
49	TERMINAL TYPE CHANGES?	<u>RETURN</u>						
57	CLASS CHANGES?	<u>RETURN</u>						
69	LIST I/O DEVICES?	<u>RETURN</u>						
4	I/O CONFIGURATION CHANGES?	<u>RETURN</u>						
77	SYSTEM TABLE CHANGES?	<u>RETURN</u>						
97	MISC CONFIGURATION CHANGES?	<u>RETURN</u>						
112	LOGGING CHANGES?	<u>RETURN</u>						
119	DISC ALLOCATION CHANGES?	<u>Y</u>						
120	MAX DIRECTORY SIZE (SECTORS) = 3000 (MIN=3000, MAX=65000, USED= <i>nnn</i>)?	<u>RETURN</u>						
121	LIST VOLUME TABLE?	<u>Y</u>						
*	<table border="0"> <tr> <td>VOLUME #</td> <td>NAME</td> <td>LOG DEV #</td> </tr> <tr> <td>1</td> <td>MH7945U0</td> <td>1</td> </tr> </table>	VOLUME #	NAME	LOG DEV #	1	MH7945U0	1	
VOLUME #	NAME	LOG DEV #						
1	MH7945U0	1						
122	DELETE VOLUME?	<u>RETURN</u>						
124	ADD VOLUME?	<u>Y</u>						
125	ENTER VOLUME NAME?	<u>MH7945U1</u>						
125	ENTER VOLUME NAME?	<u>RETURN</u>						

This dialogue continues on the next page.

* If you set up the file equation `FILE LIST; DEV=SERIALP` and used `*LIST` in the `:SYSDUMP` command then the listings indicated above will not be displayed on the screen but rather will be printed on your printer.

If You Do Not Have A Second HP 7945A Disc Drive

If you have not connected a second HP 7945A Disc Drive then perform the dialogue steps below.

STEP NO.	SYSDUMP DIALOGUE	USER RESPONSE
8	LOGICAL DEVICE #?	RETURN
46	MAX # OF OPEN SPOOLFILES = <i>nnn</i> (MIN=0, MAX= <i>nnnn</i>)?	RETURN
47	LIST I/O DEVICES?	RETURN
49	TERMINAL TYPE CHANGES?	RETURN
57	CLASS CHANGES?	RETURN
69	LIST I/O DEVICES?	RETURN
4	I/O CONFIGURATION CHANGES?	RETURN
77	SYSTEM TABLE CHANGES?	RETURN
97	MISC CONFIGURATION CHANGES?	RETURN
112	LOGGING CHANGES?	RETURN
119	DISC ALLOCATION CHANGES?	<u>N</u>

Once you have performed the above dialogue, proceed to "END THE SYSDUMP DIALOGUE".

RESTART THE SYSTEM

Now that you have finished using SYSDUMP to change the system configuration you must still restart the system with the COLDLOAD tape before those changes will become effective.

1. Ensure that the COLDLOAD tape is "write-disabled" by assuring that the arrow points toward "SAFE". Re-insert the tape one more time.
2. Type BYE and press RETURN:

:BYE

The following will then be displayed:

```
CPU=n. CONNECT=n. date, time  
time/session/pin/LOGOFF ON LDEV# 20
```

3. Type RETURN and the ":" prompt will be displayed.
4. While holding down the CONTROL key (this key may be labelled "CTRL" on your keyboard), type the letter "A". The "=" prompt will now be displayed at the console. Type in the following command:

=SHUTDOWN

This command will cause the computer to shut down its processing in preparation for restarting. The following will be displayed:

```
time/pin/ALL JOBS LOGGED OFF  
SHUT  
Halt 15
```

```
1-NORMAL  
H for help ->
```

5. If you have a second HP 7945A Disc Drive connected as LDEV 2 then power it on at this time.
6. Re-insert the COLDLOAD tape. Wait for the BUSY light to go off.
7. At this point, there are two options for continuing depending on whether you have connected and configured a second HP 7945A Disc Drive or not.
 - If you have connected and configured a second HP 7945A Disc Drive then perform steps 8, 8a, 8b, 8c, and then 10.
 - If you have not connected and configured a second HP 7945A Disc Drive then perform steps 9, 9a, and then 10.

9. If you have not connected and configured a second HP 7945A Disc Drive then type COLD and press RETURN:

H for help ->COLD

The following will be displayed:

HP32033G.01.00

** PERFORMING COLDSTART **

****WARNING**** AFTER THIS POINT DO NOT INTERRUPT THE STARTUP PROCESS UNTIL AFTER THE MESSAGE " *WELCOME* " APPEARS

LOADING OF SYSTEM FILES IN PROGRESS

LOADING OF SYSTEM FILES COMPLETED

PART 1 OF 6 COMPLETED - MEMORY RESIDENT TABLES SET UP

PART 2 OF 6 COMPLETED - SL BINDING

PART 3 OF 6 COMPLETED - SYSTEM I/O PROCESS CREATION

PART 4 OF 6 COMPLETED - DRIVER LOADING

PART 5 OF 6 COMPLETED - DISC RESIDENT TABLES SET UP

PART 6 OF 6 COMPLETED - SYSTEM PROCESS CREATION

BANK 0 DEPENDENT MEMORY USED - *nnnnn*

- 9a. When the last of the above messages has been displayed, proceed to step 10.

10. The following will then be displayed:

day, date, year, time? (Y/N)

The date and time are once again displayed for you to accept or reject (refer to Section 5 for instructions on how to accept or reject the date and time).

Once you have set the date and time, the system will be up and running and your additional devices should be operational.

Remove the COLDLOAD tape and store it in a safe place.

NOTE

If the progress messages are not displayed or if the date and time are not displayed, then contact your HP Response Center.

Configuration Worksheet

Port/Unit #	Product #	Description	Table	Confgd?	LDEV#	DRT#
Standard ATP37						
0		console		✓	20	8
1					21	8
2					22	8
3					23	8
4					24	8
5					25	8
7					27	8
Add-on ATP37						
0					30	24
1					31	24
2					32	24
3					33	24
4					34	24
5					35	24
7					37	24

1	HP7945A Disc Drive			✓	1	33
2					2	34
3	HP9144A Cartridge Tape Unit			✓	7	35

READER COMMENT SHEET

HP 3000 Computer Systems

HP 3000 Series 37 Software Installation (G. 01. 00)

32033-90037 JAN 1985

We welcome your evaluation of this manual. Your comments and suggestions help us to improve our publications. Please explain your answers under Comments, below, and use additional pages if necessary.

Is this manual technically accurate?

Yes No

Are the concepts and wording easy to understand?

Yes No

Is the format of this manual convenient in size, arrangement, and readability?

Yes No

Comments:

This form requires no postage stamp if mailed in the U.S. For locations outside the U.S., your local HP representative will ensure that your comments are forwarded.

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