TapeManager
Quick Start for Demo Installations

For quick installation and use of the TapeManager system, follow these step-by-step instructions.

1. Be sure the DSI license keys have been installed (**IK SHOW "DSI"**).

2. Unwrap all the files from the released container (.CON) file to a disk family. These files may reside on the Halt/Load unit or any other family. These files may also be placed under a usercode, e.g. **UNWRAP *= AS (<usercode>)= OUTOF "TAPEMANAGER_9.069Z.CON" TO <packname>(PACK,RESTRICTED=FALSE)**.

3. Run the (<usercode>)SYSTEM/TAPEMANAGER/INSTALL ON <packname> program. This program may be run from the operator's console (ODT) or from a MARC session. This program will issue a number of system commands to install the TapeManager software.

4. To activate the TapeManager system, issue the following command at the operator's console (ODT): **SEND TM START**.

   The first time that the TapeManager is activated it will become a waiting entry with a message that it can not find the TapeManager database. Enter the following to cause a new database to be created: **<mix #>AX OF**.

5. If access to the TapeManager Utility is desired as a COMS window then access the COMS UTILITY window and create a Program entity and a Window entity for the TapeManager Utility. The utility should be defined as a single user, remote file program. (See the TapeManager Operations Guide for Unisys MCP Systems under the section "COMS Installation.")

6. From a MARC session in the action field type: RUN SYSTEM/TAPEMANAGER/UTILITY and review or change the CONFIGuration settings for your site. This step is not strictly necessary as the TapeManager will initialize with a default configuration, but it is a good idea to review the various options to match your sites needs.

7. Finally verify that the TapeManager is active and communicating by entering a command at the console such as **TM STATUS**. You will see the message UNRECOGNIZED REQUEST (which is normal due to the way the TapeManager gets console messages) followed by a response by the TapeManager to the console. (You may eliminate this with the command: **TM CONFIG OPER SUPPRESS = TRUE**.)

The TapeManager is now activated. It will automatically collect information about tapes that are seen on the Unisys MCP System. If you wish to quickly get the tapes in your library into the database, mount each tape on a tape unit and do a tape directory (**TDIR**). This will cause a record to be created in the database for those tapes.

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System Options that affect operations:

Sysops TapeOverwrite – If set, the system will overwrite a tape that has the same serial number as a waiting entry task that has specified a serial number on an output tape.

Sysops TapeExpiration – If set, the system will overwrite a tape that is expired by virtue of the savefactor on the tape label being exceeded.

DSI recommends that both of these options be **RESET**. TapeManager will make all purge decisions (if configured to do so). MCP purge decisions will override TapeManager purge decisions, and you may lose valuable data.

TapeManager commands to control operations:

TM CONFIG TRACKING … – defines what tapes TapeManager tracks. By default, it is set to ALL. You can define only NUMERIC serial numbers or certain serial number ranges (e.g., AB0001 – AB0999). See page 87 of the Operations Guide.

TM CONFIG OPER UNKNOWN … – informs TapeManager what to do with a tape it has never seen before and is within the tracking serial numbers. By default, it is set to AUTO which will automatically enter the tape information into the TapeManager database. See page 50 of the Operations Guide.

TM CONFIG OPER MISMATCH … – informs TapeManager what action to take if the actual tape label does not match the information stored in the database. By default, this option is set to AUTO, which will cause the database to be updated with the information on the tape label. See page 52 of the Operations Guide.

TM CONFIG OPER VERIFY … – If retention rules are defined and this option is set to TRUE then TapeManager will verify all tape purges to ensure that the tape is, in fact, expired. By default, this option is set to FALSE. See page 52 of the Operations Guide.

TM CONFIG OPER AUTO PURGE … – If retention rules are defined and this option is set to TRUE, then when a program is looking for a scratch tape and none are mounted in a tape drive, TapeManager will check the tape mounted to see if it is expired (by checking the retention rules) and automatically purge the tape and assign it to the waiting program. See page 53 of the Operations Guide.

TM CONFIG DB FILE WAIT … – This option will handle what action is to be taken by TapeManager when a Library/Maintenance job is trying to copy the active and open TapeManager database. By default, TapeManager will issue an OF to the Library/Maintenance job and the database will not be copied. See page 37 of the Operations Guide.

TM DB BACKUP … – Causes TapeManager to temporarily close its database, perform a backup of the database and immediately reopen the database. This is the recommended method to backup the TapeManager database. This way if you perform a full pack copy, you will get the backup copy of the database and the active database will be left alone (see the above command). See page 100 of the Operations Guide.