IBM

Program Directory for

IBM Automated Tape Allocation Manager

for z/OS and OS/390

Release 01, Modification Level 00

Program Number 5697-H62

FMID H27B110

for Use with
z/OS
OS/390

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1.0 Introduction

This program directory is intended for the system programmer responsible for program installation and maintenance. It contains information concerning the material and procedures associated with the installation of IBM Automated Tape Allocation Manager for z/OS and OS/390. This publication refers to IBM Automated Tape Allocation Manager for z/OS and OS/390 as Automated Tape Alloc Manager. You should read all of this program directory before installing the program and then keep it for future reference.

The program directory contains the following sections:

- 2.0, "Program Materials" on page 3 identifies the basic and optional program materials and documentation for Automated Tape Alloc Manager.

- 3.0, "Program Support" on page 6 describes the IBM support available for Automated Tape Alloc Manager.

- 4.0, "Program and Service Level Information" on page 7 lists the APARs (program level) and PTFs (service level) incorporated into Automated Tape Alloc Manager.

- 5.0, "Installation Requirements and Considerations" on page 8 identifies the resources and considerations for installing and using Automated Tape Alloc Manager.

- 6.0, "Installation Instructions" on page 13 provides detailed installation instructions for Automated Tape Alloc Manager. It also describes the procedures for activating the functions of Automated Tape Alloc Manager, or refers to appropriate publications.

Before installing Automated Tape Alloc Manager, read 3.2, "Preventive Service Planning" on page 6. This section tells you how to find any updates to the information and procedures in this program directory.

Do not use this program directory if you are installing Automated Tape Alloc Manager with a SystemPac or ServerPac. When using these offerings, use the jobs and documentation supplied with the offering. This documentation may point you to specific sections of the program directory as required.

If you are installing Automated Tape Alloc Manager using the Custom-Built Product Delivery Offering (CBPDO, 5751-CS3), a softcopy program directory is provided on the CBPDO tape which is identical to the printed copy shipped with your order. Your CBPDO contains a softcopy preventive service planning (PSP) upgrade for this product. All service and HOLDDATA for Automated Tape Alloc Manager are included on the CBPDO tape.

1.1 Automated Tape Alloc Manager Description

Automated Tape Allocation Manager provides unattended management of tape storage availability, working directly with tape control unit hardware to ensure that idle tape storage devices are fully accessible on demand. Automated Tape Allocation Manager:

- Reduces storage I/O bottlenecks

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- Eliminates idle time for valuable tape resources

- Keeps tape units freed for use across multiple images

- Minimizes backlogs of job requests

- Reduces or eliminates the need for operator intervention in tape unit allocation

- Assists tape resource planning with extensive performance reports

- Allows dynamic change of configuration parameters without downtime

- Automatically and Reliably manages contention for tape unit resources through direct communication with tape drive UCBs (Unit Control Blocks)

- Provides fast implementation with an ISPF panel interface and online help

- Fits any z/OS or OS/390 environment

1.2 Automated Tape Alloc Manager FMID

Automated Tape Alloc Manager consists of the following FMID:

H27B110

2.0 Program Materials

An IBM program is identified by a program number and a feature number. The program number for Automated Tape Alloc Manager is 5697-H62.

Basic Machine-Readable Materials are materials that are supplied under the base license and feature code, and are required for the use of the product. Optional Machine-Readable Materials are orderable under separate feature codes, and are not required for the product to function.

The program announcement material describes the features supported by Automated Tape Alloc Manager. Ask your IBM representative for this information if you have not already received a copy.

2.1 Basic Machine-Readable Material

The distribution medium for this program is magnetic tape or downloadable files. It is installed using SMP/E, and is in SMP/E RELFILE format. See 6.0, "Installation Instructions" on page 13 for more information about how to install the program.

Figure 1 describes the physical tape. Figure 2 describes the file content.

Notes:

1. The data set attributes in these tables should be used in the JCL of jobs reading the data sets, but since the data sets are in IEBCOPY unloaded format, their actual attributes may be different.

2. You are installing Automated Tape Alloc Manager using the Custom-Built Product Delivery Offering (CBPDO) (5751-CS3), and information about your tape can be found in the CBPDO documentation that came with your order.

3. If any RELFILEs are identified as PDSEs, ensure that SMPTLIB data sets are allocated as PDSEs.

Figure 1. Basic Material: Program Tape		
Feature Number	**Description**	**R/M** *
5802	Automated Tape Allocation Manager	N

 * R/M = Restricted Materials of IBM

Name	ORG	RECFM	LRECL	BLK SIZE
Figure 2. Program File Content				
SMPMCS	SEQ	FB	80	6400
IBM.H27B110.F1	PDS	FB	80	8800
IBM.H27B110.F2	PDS	U	0	6144
IBM.H27B110.F3	PDS	FB	80	8800
IBM.H27B110.F4	PDS	FB	80	8800
IBM.H27B110.F5	PDS	FB	80	8800

2.2 Optional Machine-Readable Material

No optional machine-readable materials are provided for Automated Tape Alloc Manager.

2.3 Program Publications

The following sections identify the basic and optional publications for Automated Tape Alloc Manager.

2.3.1 Basic Program Publications

Note:

The following publication cannot be ordered in hardcopy.

The publication *Automated Tape Allocation Manager User's Guide, SC27-1610*, is made available on the Web at URL:

http://www.ibm.com/software/data/db2imstools/library.html

Publications on CD-ROM for Automated Tape Alloc Manager will be available on the next release of software product libraries:

- *OS/390 Software Products Collection, SK2T-6700*, BookManager format
- *z/OS Software Products Collection, SK3T-4270*, BookManager and PDF formats

Figure 3 identifies the basic unlicensed program publications for Automated Tape Alloc Manager. One copy of each of these publications is included when you order the basic materials for Automated Tape Alloc Manager. For additional copies, contact your IBM representative.

Figure 3. Basic Material: Unlicensed Publications	
Publication Title	**Form Number**
Automated Tape Allocation Manager License Information	GC27-1609

2.3.2 Optional Program Publications

No optional publications are provided for Automated Tape Alloc Manager.

2.4 Program Source Materials

No program source materials or viewable program listings are provided for Automated Tape Alloc Manager.

2.5 Publications Useful During Installation

The publications listed in Figure 4 may be useful during the installation of Automated Tape Alloc Manager. To order copies, contact your IBM representative or visit the IBM Publications Center at http://www.elink.ibmlink.ibm.com/applications/public/applications/ publications/cgibin/pbi.cgi on the Internet.

Figure 4. Publications Useful During Installation	
Publication Title	**Form Number**
IBM SMP/E for z/OS and OS/390 User's Guide	SA22-7773
IBM SMP/E for z/OS and OS/390 Commands	SA22-7771
IBM SMP/E for z/OS and OS/390 Reference	SA22-7772
IBM SMP/E for z/OS and OS/390 Messages, Codes, and Diagnosis	GA22-7770

3.0 Program Support

This section describes the IBM support available for Automated Tape Alloc Manager.

3.1 Program Services

Contact your IBM representative for specific information about available program services.

3.2 Preventive Service Planning

Before installing Automated Tape Alloc Manager, you should review the current Preventive Service Planning (PSP) information. If you obtained Automated Tape Alloc Manager as part of a CBPDO, there is HOLDDATA and PSP information included on the CBPDO.

If you obtained Automated Tape Alloc Manager on a product tape, or if the CBPDO is more than two weeks old when you install it, you should contact the IBM Support Center or use S/390 SoftwareXcel to obtain the current "PSP Bucket".

For access to RETAIN, visit http://webspinner.boulder.ibm.com/retain on the Internet.

PSP Buckets are identified by UPGRADEs, which specify product levels, and SUBSETs, which specify the FMIDs for a product level. The UPGRADE and SUBSET values for Automated Tape Alloc Manager are:

Figure 5. PSP Upgrade and Subset ID		
UPGRADE	**SUBSET**	**Description**
5697H62	H27B110	Automated Tape Allocation Manager

3.3 Statement of Support Procedures

Report any difficulties you have using this program to your IBM Support Center. If an APAR is required, the Support Center will provide the address to which any needed documentation can be sent.

Figure 6 identifies the component IDs (COMPID) for Automated Tape Alloc Manager.

Figure 6. Component IDs			
FMID	**COMPID**	**Component Name**	**RETAIN Release**
H27B110	5697H6200	Auto Tape Alloc Mgr	110

4.0 Program and Service Level Information

This section identifies the program and any relevant service levels of Automated Tape Alloc Manager. The program level refers to the APAR fixes incorporated into the program. The service level refers to the PTFs integrated.

4.1 Program Level Information

No APARs have been incorporated into Automated Tape Alloc Manager.

4.2 Service Level Information

No PTFs against this release of Automated Tape Alloc Manager have been incorporated into the product tape.

5.0 Installation Requirements and Considerations

The following sections identify the system requirements for installing and activating Automated Tape Alloc Manager. The following terminology is used:

- *Driving system*: the system used to install the program.
- *Target system*: the system on which the program is installed.

In many cases, the same system can be used as both a driving system and a target system. However, you may want to set up a clone of your system to use as a target system by making a separate IPL-able copy of the running system. The clone should include copies of all system libraries that SMP/E updates, copies of the SMP/E CSI data sets that describe the system libraries, and your PARMLIB and PROCLIB.

Some cases where two systems should be used include the following:

- When installing a new level of a product that is already installed, the new product will delete the old one. By installing onto a separate target system, you can test the new product while still keeping the old one in production.
- When installing a product that shares libraries or load modules with other products, the installation can disrupt the other products. Installing onto a test system or clone will allow you to assess these impacts without disrupting your production system.

5.1 Driving System Requirements

This section describes the environment of the driving system required to install Automated Tape Alloc Manager.

5.1.1 Machine Requirements

The driving system can run in any hardware environment that supports the required software.

5.1.2 Programming Requirements

Figure 7. Driving System Software Requirements	
Program Number	**Product Name and Minimum VRM/Service Level**
Any **one** of the following:	
5647-A01	OS/390 SMP/E Version 2 Release 7 or higher with PTF UR51068
5694-A01	z/OS Version 1 Release 1 or higher
5655-G44	IBM SMP/E for z/OS and OS/390 Version 3 Release 1 or higher

5.2 Target System Requirements

This section describes the environment of the target system required to install and use Automated Tape Alloc Manager.

Automated Tape Alloc Manager installs in the MVS (Z038) SREL.

5.2.1 Machine Requirements

The target system can run in any hardware environment that supports the required software.

5.2.2 Programming Requirements

5.2.2.1 Mandatory Requisites: A mandatory requisite is defined as a product that is required without exception; this product either **will not install** or **will not function** unless this requisite is met. This includes products that are specified as REQs or PREs.

Automated Tape Alloc Manager can be used on any supported release of OS/390 or z/OS. When used with 3480 tape drives, Automated Tape Alloc Manager requires Model G or later drives.

5.2.2.2 Functional Requisites: A functional requisite is defined as a product that is **not** required for the successful installation of this product or for the basic function of the product, but **is** needed at run time for a specific function of this product to work. This includes products that are specified as IF REQs.

Automated Tape Alloc Manager has no functional requisites.

5.2.2.3 Toleration/Coexistence Requisites: A toleration/coexistence requisite is defined as a product which must be present on a sharing system. These systems can be other systems in a multisystem environment (not necessarily sysplex), a shared DASD environment (such as test and production), or systems that reuse the same DASD at different time intervals.

Automated Tape Alloc Manager has no toleration/coexistence requisites.

5.2.2.4 Incompatibility (Negative) Requisites: A negative requisite identifies products which must *not* be installed on the same system as this product.

Automated Tape Alloc Manager has no negative requisites.

5.2.3 DASD Storage Requirements

Automated Tape Alloc Manager libraries can reside on all supported DASD types.

Figure 8 lists the total space required for each type of library.

Figure 8. Total DASD Space Required by Automated Tape Alloc Manager	
Library Type	**Total Space Required**
Target	218 Blocks
Distribution	218 Blocks

Notes:

1. IBM recommends use of system determined block sizes for efficient DASD utilization for all non-RECFM U data sets. For RECFM U data sets, IBM recommends a block size of 32760, which is the most efficient from a performance and DASD utilization perspective.

2. Abbreviations used for the data set type are:

   U   Unique data set, allocated by this product and used only by this product. To determine the correct storage needed for this data set, this table provides all required information; no other tables (or program directories) need to be referenced for the data set size.

   S   Shared data set, allocated by this product and used by this product and others. To determine the correct storage needed for this data set, the storage size given in this table needs to be added to other tables (perhaps in other program directories). If the data set already exists, it must have enough free space to accommodate the storage size given in this table.

   E   Existing shared data set, used by this product and others. This data set is NOT allocated by this product. To determine the correct storage needed for this data set, the storage size given in this table needs to be added to other tables (perhaps in other program directories). This existing data set must have enough free space to accommodate the storage size given in this table.

   If you currently have a previous release of this product installed in these libraries, the installation of this release will delete the old one and reclaim the space used by the old release and any service that had been installed. You can determine whether or not these libraries have enough space by deleting the old release with a dummy function, compressing the libraries, and comparing the space requirements with the free space in the libraries.

   For more information on the names and sizes of the required data sets, please refer to 6.1.8, "Allocate SMP/E Target and Distribution Libraries and Paths" on page 16.

3. Abbreviations used for the HFS Path type are:

   N   New path, created by this product.
   X   Path created by this product, but may already exist from a previous release.
   P   Previously existing path, created by another product.

4. All target and distribution libraries listed have the following attributes:

   - The default name of the data set may be changed
   - The default block size of the data set may be changed
   - The data set may be merged with another data set that has equivalent characteristics
   - The data set may be either a PDS or a PDSE

5. All target libraries listed have the following attributes:

- The data set may be SMS managed
- It is not required for the data set to be SMS managed
- It is not required for the data set to reside on the IPL volume
- The values in the "Member Type" column are not necessarily the actual SMP/E element types identified in the SMPMCS.

6. All target libraries listed which contain load modules have the following attributes:

- The data set may be in the LPA
- It is not required for the data set to be in the LPA
- The data set may be in the LNKLST
- It is not required for the data set to be APF authorized

The following figures describe the target and distribution libraries required to install Automated Tape Alloc Manager. The storage requirements of Automated Tape Alloc Manager must be added to the storage required by other programs having data in the same library or path.

Note: The data in these tables should be used when determining which libraries can be merged into common data sets. In addition, since some ALIAS names may not be unique, ensure that no naming conflicts will be introduced before merging libraries.

Figure 9. Storage Requirements for Automated Tape Alloc Manager Target Libraries								
Library DDNAME	Member Type	Target Volume	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
SATHLOAD	LMOD	ANY	U	PDS	U	0	17	10
SATHSAMP	SAMPLE	ANY	U	PDS	FB	80	4	10
SATHPENU	PANELS	ANY	U	PDS	FB	80	9	10
SATHMENU	MACRO	ANY	U	PDS	FB	80	4	10

Figure 10. Storage Requirements for Automated Tape Alloc Manager Distribution Libraries						
Library DDNAME	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
AATHLOAD	U	PDS	U	0	17	25
AATHSAMP	U	PDS	FB	80	4	10
AATHPENU	U	PDS	FB	80	9	10
AATHMENU	U	PDS	FB	80	4	10

5.3 FMIDs Deleted

Installing Automated Tape Allocation Manager no FMIDs will be deleted.

5.4 Special Considerations

Automated Tape Alloc Manager has no special considerations for the target system.

6.0 Installation Instructions

This chapter describes the installation method and the step-by-step procedures to install and to activate the functions of Automated Tape Alloc Manager.

Please note the following:

- If you want to install Automated Tape Alloc Manager into its own SMP/E environment, consult the SMP/E manuals for instructions on creating and initializing the SMPCSI and the SMP/E control data sets.

- Sample jobs have been provided to help perform some or all of the installation tasks. The SMP/E jobs assume that all DDDEF entries required for SMP/E execution have been defined in the appropriate zones.

- The SMP/E dialogs may be used instead of the sample jobs to accomplish the SMP/E installation steps.

6.1 Installing Automated Tape Alloc Manager

6.1.1 SMP/E Considerations for Installing Automated Tape Alloc Manager

This release of Automated Tape Alloc Manager is installed using the SMP/E RECEIVE, APPLY, and ACCEPT commands. The SMP/E dialogs may be used to accomplish the SMP/E installation steps.

6.1.2 SMP/E Options Subentry Values

The recommended values for some SMP/E CSI subentries are shown in Figure 11. Use of values lower than these may result in failures in the installation process. DSSPACE is a subentry in the GLOBAL options entry. PEMAX is a subentry of the GENERAL entry in the GLOBAL options entry. Refer to the SMP/E manuals for instructions on updating the global zone.

Figure 11. SMP/E Options Subentry Values		
SUB-ENTRY	**Value**	**Comment**
DSSPACE	(200,200,500)	Primary and Secondary space allocation in tracks
PEMAX	SMP/E Default	IBM recommends using the SMP/E default for PEMAX.

6.1.3 SMP/E CALLLIBS Processing

Automated Tape Alloc Manager uses the CALLLIBS function provided in SMP/E to resolve external references during installation. When Automated Tape Alloc Manager is installed, ensure that DDDEFs exist for the following libraries:

- CSSLIB
- SISPLOAD

Note: The DDDEFs above are used only to resolve the link-edit for Automated Tape Alloc Manager using CALLLIBS. These data sets are not updated during the installation of Automated Tape Alloc Manager.

6.1.4 Sample Jobs

The following sample installation jobs are provided as part of the product to help you install Automated Tape Alloc Manager:

Job Name	Job Type	Description	RELFILE
ATHALA	SMP/E	Sample job to allocate and initalize a new SMP/E CSI data set **(Optional)**	IBM.H27B110.F3
ATHALB	SMP/E	Sample job to allocate SMP/E data sets **(Optional)**	IBM.H27B110.F3
ATHRECEV	RECEIVE	Sample RECEIVE job **(Optional)**	IBM.H27B110.F3
ATHALLOC	ALLOCATE	Sample job to allocate target and distribution libraries	IBM.H27B110.F3
ATHDDDEF	DDDEF	Sample job to define SMP/E DDDEFs	IBM.H27B110.F3
ATHAPPLY	APPLY	Sample APPLY job	IBM.H27B110.F3
ATHACCEP	ACCEPT	Sample ACCEPT job	IBM.H27B110.F3

Figure 12. Sample Installation Jobs

You may copy the jobs from the tape or product files by submitting the job below. Use either the //TAPEIN or the //FILEIN DD statement, depending on the distribution vehicle.

The job below will not run without customization. Make one of the three commented DD statements (//TAPEIN or //FILEIN DD) in the sample job below active by uncommenting one DD statement filling in parameters as required. Add a job card and change the lowercase parameters to uppercase values to meet your site's requirements before submitting.

```
//STEP1    EXEC PGM=IEBCOPY
//SYSPRINT DD SYSOUT=*
//***********************************************************
//* If you wish to create a new global zone do not run the   *
//* RCVPDO job supplied with CBPDO.  RCVPDO assumes that     *
//* you will be installing into an existing global zone.     *
//* Make the //TAPEIN DD statement below active if you install*
```

```
//* from a CBPDO tape by uncommenting the DD statement below. *
//*************************************************************
//*TAPEIN   DD DSN=IBM.H27B110.F3,UNIT=tunit,
//*         VOL=SER=volser,LABEL=(8,SL),
//*         DISP=(OLD,KEEP)
//*************************************************************
//* Make the //TAPEIN DD statement below active if you install*
//* from a product tape received outside the CBPDO process   *
//* (using the optional SMP/E RECEIVE job) by uncommenting    *
//* the DD statement below.                                   *
//*************************************************************
//*TAPEIN   DD DSN=IBM.H27B110.F3,UNIT=tunit,
//*         VOL=SER=ATH110,LABEL=(4,SL),
//*         DISP=(OLD,KEEP)
//*************************************************************
//* Make the //FILEIN DD statement below active for          *
//* downloaded DASD files.                                    *
//*************************************************************
//*FILEIN   DD DSN=IBM.H27B110.F3,UNIT=SYSALLDA,DISP=SHR,
//*         VOL=SER=filevol
//OUT      DD DSNAME=jcl-library-name,
//         DISP=(NEW,CATLG,DELETE),
//         VOL=SER=dasdvol,UNIT=SYSALLDA,
//         SPACE=(TRK,(10,5,5))
//SYSUT3   DD UNIT=SYSALLDA,SPACE=(CYL,(1,1))
//SYSIN    DD *
   COPY INDD=indd,OUTDD=OUT
   SELECT MEMBER=(ATHALA,ATHALB,ATHALLOC,ATHDDDEF)
   SELECT MEMBER=(ATHRECEV,ATHAPPLY,ATHACCEP)
/*
```

where **tunit** is the unit value matching the product tape, **volser** is the volume serial which is described in the CBPDO documentation, **filevol** is the volume serial of the DASD device where the downloaded files reside, **jcl-library-name** is the name of the output data set where the sample jobs will be stored, **dasdvol** is the volume serial of the DASD device where the output data set will reside, and **indd** is the DD name (TAPEIN or FILEIN) of the input data set.

6.1.5 Allocate SMP/E CSI (Optional)

If you are using an existing CSI, do not execute this job.

If you are allocating a new SMP/E data set for this install, edit, and submit sample job ATHALA to allocate the SMP/E data set for Automated Tape Alloc Manager.

Expected Return Codes and Messages: You will receive a return code of 0 if this job runs correctly.

6.1.6 Initialize CSI zones (Optional)

Edit and submit sample job ATHALB to initialize SMP/E zones for Automated Tape Alloc Manager.
Consult the instructions in the sample job for more information.

Expected Return Codes and Messages: You will receive a return code of 0 if this job runs correctly.

6.1.7 Perform SMP/E RECEIVE (Optional)

```
┌─  Note to CBPDO Customers  ──────────────────────────────────────────────────
│
│  Use the RCVPDO job found in the CBPDO RIMLIB data set to RECEIVE the Automated Tape Alloc
│  Manager FMIDs as well as any service, HOLDDATA, or preventive service, planning (PSP) information
│  included on the CBPDO tape.  For more information, refer to the documentation included with the
│  CBPDO.
│
└───────────────────────────────────────────────────────────────────────────────
```

Sample job ATHRECEV is an optional job and is provided for your convenience, if you are installing
Automated Tape Alloc Manager outside the Custom-Built Product Delivery Offering. You will not need it, if
you use the RCVPDO job.

Expected Return Codes and Messages: You will receive a return code 0 if this job runs correctly.

6.1.8 Allocate SMP/E Target and Distribution Libraries and Paths

Edit and submit sample job ATHALLOC to allocate the SMP/E target and distribution libraries for
Automated Tape Alloc Manager. Consult the instructions in the sample job for more information.

Expected Return Codes and Messages: You will receive a return code 0 if this job runs correctly.

6.1.9 Create DDDEF Entries

Edit and submit sample job ATHDDDEF to create DDDEF entries for the SMP/E target and distribution
libraries for Automated Tape Alloc Manager. Consult the instructions in the sample job for more
information.

Expected Return Codes and Messages: You will receive a return code 0 if this job runs correctly.

6.1.10 Perform SMP/E APPLY

Edit and submit sample job ATHAPPLY to perform an SMP/E APPLY CHECK for Automated Tape Alloc
Manager. Consult the instructions in the sample job for more information.

To receive the full benefit of the SMP/E Causer SYSMOD Summary Report, do *not* bypass the following
on the APPLY CHECK: PRE, ID, REQ, and IFREQ. This is because the SMP/E root cause analysis
identifies the cause only of **ERRORS** and not of **WARNINGS** (SYSMODs that are bypassed are treated
as warnings, not errors, by SMP/E).

Once you have taken any actions indicated by the APPLY CHECK, remove the CHECK operand and run the job again to perform the APPLY.

Note: The GROUPEXTEND operand indicates that SMP/E apply all requisite SYSMODs. The requisite SYSMODS might be applicable to other functions.

Expected Return Codes and Messages from APPLY CHECK: You will receive a return code 0 if this job runs correctly.

Expected Return Codes and Messages from APPLY: You will receive a return code 0 if this job runs correctly.

6.1.11 Perform SMP/E ACCEPT

Edit and submit sample job ATHACCEP to perform an SMP/E ACCEPT CHECK for Automated Tape Alloc Manager. Consult the instructions in the sample job for more information.

To receive the full benefit of the SMP/E Causer SYSMOD Summary Report, do *not* bypass the following on the ACCEPT CHECK: PRE, ID, REQ, and IFREQ. This is because the SMP/E root cause analysis identifies the cause only of **ERRORS** and not of **WARNINGS** (SYSMODs that are bypassed are treated as warnings, not errors, by SMP/E).

Before using SMP/E to load new distribution libraries, it is recommended that you set the ACCJCLIN indicator in the distribution zone. This will cause entries produced from JCLIN to be saved in the distribution zone whenever a SYSMOD containing inline JCLIN is ACCEPTed. For more information on the ACCJCLIN indicator, see the description of inline JCLIN in the SMP/E manuals.

Once you have taken any actions indicated by the ACCEPT CHECK, remove the CHECK operand and run the job again to perform the ACCEPT.

Note: The GROUPEXTEND operand indicates that SMP/E accept all requisite SYSMODs. The requisite SYSMODS might be applicable to other functions.

Expected Return Codes and Messages from ACCEPT CHECK: You will receive a return code 0 if this job runs correctly.

Expected Return Codes and Messages from ACCEPT: You will receive a return code 0 if this job runs correctly.

If PTFs containing replacement modules are being ACCEPTed, SMP/E ACCEPT processing will linkedit/bind the modules into the distribution libraries. During this processing, the Linkage Editor or Binder may issue messages documenting unresolved external references, resulting in a return code of 4 from the ACCEPT step. These messages can be ignored, because the distribution libraries are not executable and the unresolved external references will not affect the executable system libraries.

6.2 Activating Automated Tape Alloc Manager

The publication *Automated Tape Allocation Manager User's Guide, SC27-1610* contains the step-by-step procedures to activate the functions of Automated Tape Alloc Manager.

Reader's Comments

Program Directory for IBM Automated Tape Allocation Manager for z/OS and OS/390 February 2002

You may use this form to comment about this document, its organization, or subject matter with the understanding that IBM may use or distribute whatever information you supply in any way it believes appropriate without incurring any obligation to you.

For each of the topics below please indicate your satisfaction level by circling your choice from the rating scale. If a statement does not apply, please circle N.

```
┌── RATING SCALE ──────────────────────────────────────────
   very                          very        not
 satisfied  <====================>  dissatisfied  applicable
     1        2       3       4        5            N
```

		Satisfaction				
Ease of product installation	1	2	3	4	5	N
Contents of program directory	1	2	3	4	5	N
Installation Verification Programs	1	2	3	4	5	N
Time to install the product	1	2	3	4	5	N
Readability and organization of program directory tasks	1	2	3	4	5	N
Necessity of all installation tasks	1	2	3	4	5	N
Accuracy of the definition of the installation tasks	1	2	3	4	5	N
Technical level of the installation tasks	1	2	3	4	5	N
Ease of getting the system into production after installation	1	2	3	4	5	N

How did you order this product?

___ CBPDO
___ CustomPac
___ ServerPac
___ Independent
___ Other

Is this the first time your organization has installed this product?

___ Yes
___ No

Were the people who did the installation experienced with the installation of z/OS products?

___ Yes

19

__ No

If yes, how many years? __

If you have any comments to make about your ratings above, or any other aspect of the product installation, please list them below:

_____

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Please provide the following contact information:

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Thank you for your participation.

Please send the completed form to (or give to your IBM representative who will forward it to the IBM Automated Tape Allocation Manager for z/OS and OS/390 Development group):

   ????????
   ????????
   ????????

   FAX Number: (???) ???-????

   E-Mail: ??????????????????

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