IBM

Program Directory for

Workload Simulator

Release 1, Modification Level 0

Program Number 5655-I39

FMID H281110

for Use with
OS/390
z/OS

Document Date: August 2002

GI10-3234-00

```
┌─ Note! ──────────────────────────────────────────────────────────────────────┐
│                                                                                │
│   Before using this information and the product it supports, be sure to read   │
│   the general information under "Notices" on page iv.                           │
│                                                                                │
└────────────────────────────────────────────────────────────────────────────────┘
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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 Workload Simulator. This publication refers to Workload Simulator as WSim. 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 2 identifies the basic and optional program materials and documentation for WSim.

- 3.0, "Program Support" on page 6 describes the IBM support available for WSim.

- 4.0, "Installation Requirements and Considerations" on page 7 identifies the resources and considerations for installing and using WSim.

- 5.0, "Installation Instructions" on page 13 provides detailed installation instructions for WSim. It also describes the procedures for activating the functions of WSim, or refers to appropriate publications.

Before installing WSim, 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 WSim 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 WSim 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 WSim are included on the CBPDO tape.

1.1 WSim Description

WSim is a terminal simulation tool. You can use WSim to determine system performance and response time, to perform functional testing, and to automate regression testing.

1.2 WSim FMID

WSim consists of the following FMID:

> H281110

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2.0 Program Materials

An IBM program is identified by a program number and a feature number. The program number for WSim is 5655-I39.

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 WSim. 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 a 3480 cartridge. It is installed using SMP/E, and is in SMP/E RELFILE format. See 5.0, "Installation Instructions" on page 13 for more information about how to install the program.

Figure 1 describes the tape or cartridge. Figure 2 describes the file content of the program tape or cartridge.

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. If you are installing WSim using the Custom-Built Product Delivery Offering (CBPDO) (5751-CS3), some of the information in these figures may not be valid. Consult the CBPDO documentation for actual values.

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

Figure 1. Basic Material: Program Tape					
Medium	**Feature Number**	**Physical Volume**	**External Label**	**R/M ***	**VOLSER**
3480 cart.	5802	1	H281110BASE	N	281110

 * R/M = Restricted Materials of IBM

Figure 2. Program File Content				
Name	O R G	R E C F M	L R E C L	BLK SIZE
SMPMCS	SEQ	FB	80	8800
IBM.H281110.F1	PDS	FB	80	8800
IBM.H281110.F2	PDS	U	0	6144
IBM.H281110.F3	PDS	FB	80	8800
IBM.H281110.F4	PDS	FB	80	8800
IBM.H281110.F5	PDS	FB	80	8800
IBM.H281110.F6	PDS	FB	80	8800
IBM.H281110.F7	PDS	FB	80	8800
IBM.H281110.F8	PDS	FB	80	8800
IBM.H281110.F9	PDS	FB	80	8800
IBM.H281110.F10	PDS	FB	80	8800
IBM.H281110.F11	PDS	FB	80	8800
IBM.H281110.F12	PDS	FB	80	8800

2.2 Optional Machine-Readable Material

No optional machine-readable materials are provided for WSim.

2.3 Program Publications

The following sections identify the basic and optional publications for WSim.

2.3.1 Basic Program Publications

Figure 3 identifies the basic unlicensed program publications for WSim. One publications CD-Rom is included when you order the basic materials for WSim. For additional copies, contact your IBM representative.

Figure 3. Basic Material: Unlicensed Publications	
Publication Title	**Form Number**
Creating Workload Simulator Scripts	SC31-8945
Workload Simulator Script Guide and Reference	SC31-8946
Workload Simulator Utilities Guide	SC31-8947
Workload Simulator User's Guide	SC31-8948
Workload Simulator Test Manager User's Guide and Reference	SC31-8949
Workload Simulator User Exits	SC31-8950
Workload Simulator Messages and Codes	SC31-8951

No licensed program publications are provided for WSim.

2.3.2 Optional Program Publications

No optional publications are provided for WSim.

2.4 Program Source Materials

No program source materials or viewable program listings are provided for WSim.

2.5 Publications Useful During Installation

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

Figure 4 (Page 1 of 2). 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
MVS/ESA JCL Reference	GC28-1479
MVS/ESA JCL User's Guide	GC28-1473
MVS/DFP Utilities	SC26-4559

Figure 4 (Page 2 of 2). Publications Useful During Installation	
Publication Title	**Form Number**
MVS/ESA System Messages, Volume 1	GC28-1480
MVS/ESA System Messages, Volume 2	GC28-1481
MVS/ESA System Messages, Volume 3	GC28-1482
MVS/ESA System Messages, Volume 4	GC28-1483
MVS/ESA System Messages, Volume 5	GC28-1484
MVS/DFP Linkage Editor and Loader	SC26-4564

3.0 Program Support

This section describes the IBM support available for WSim.

3.1 Program Services

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

3.2 Preventive Service Planning

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

If you obtained WSim 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://www.ibmlink.ibm.com/ on the Internet.

Figure 5. PSP Upgrade and Subset ID		
UPGRADE	**SUBSET**	**Description**
WSIM110	H281110/MVS	WSim V1R1

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 WSim.

Figure 6. Component IDs			RETAIN
FMID	**COMPID**	**Component Name**	**Release**
H281110	5655I3900	WSim V1R1	110

3.4 Program Level Information

No APARs have been incorporated into WSim.

4.0 Installation Requirements and Considerations

The following sections identify the system requirements for installing and activating WSim. 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.

4.1 Driving System Requirements

This section describes the environment of the driving system required to install WSim.

4.1.1 Machine Requirements

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

4.1.2 Programming Requirements

Figure 7 (Page 1 of 2). 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 5 or higher with PTF UR51068
5647-A01	OS/390 SMP/E Version 2 Release 6 or higher with PTF UR51068
5647-A01	OS/390 SMP/E Version 2 Release 7
5694-A01	z/OS Version 1 Release 1 or higher

Figure 7 (Page 2 of 2). Driving System Software Requirements	
Program Number	**Product Name and Minimum VRM/Service Level**
5655-G44	IBM SMP/E for z/OS and OS/390 Version 3 Release 1 or higher
(Note: Any available Linkage Editor/Program Binder may be used to install WSim.)	
Any **one** of the following:	
5752-VS2	MVS/370* (MVS/SP* Version 1) any release
5740-XC6	MVS/XA* (MVS/SP Version 2 for JES2) any release
5665-291	MVS/XA (MVS/SP Version 2 for JES3) any release
5685-001	MVS/ESA* (MVS/SP Version 3 for JES2) any release
5685-002	MVS/ESA (MVS/SP Version 3 for JES3) any release
5695-047	MVS/ESA (MVS/SP Version 4 for JES2) any release
5695-048	MVS/ESA (MVS/SP Version 4 for JES3) any release
5655-068	MVS/ESA (MVS/SP Version 5 for JES2) any release
5655-069	MVS/ESA (MVS/SP Version 5 for JES3) any release
5645-001	OS/390 any release

4.2 Target System Requirements

This section describes the environment of the target system required to install and use WSim.

WSim installs in the MVS (Z038) SREL.

4.2.1 Machine Requirements

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

4.2.2 Programming Requirements

4.2.2.1 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.

Figure 8. Mandatory Requisites	
Program Number	**Product Name and Minimum VRM/Service Level**
Any **one** of the following:	
5752-VS2	MVS/370 (MVS/SP Version 1) any release
5740-XC6	MVS/XA (MVS/SP Version 2 for JES2) any release
5665-291	MVS/XA (MVS/SP Version 2 for JES3) any release
5685-001	MVS/ESA (MVS/SP Version 3 for JES2) any release
5685-002	MVS/ESA (MVS/SP Version 3 for JES3) any release
5695-047	MVS/ESA (MVS/SP Version 4 for JES2) any release
5695-048	MVS/ESA (MVS/SP Version 4 for JES3) any release
5655-068	MVS/ESA (MVS/SP Version 5 for JES2) any release
5655-069	MVS/ESA (MVS/SP Version 5 for JES3) any release
5645-001	OS/390 any release

4.2.2.2 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.

WSim has no functional requisites.

4.2.2.3 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.

WSim has no toleration/coexistence requisites.

4.2.2.4 Incompatibility (Negative) Requisites

A negative requisite identifies products which must *not* be installed on the same system as this product.

WSim has no negative requisites.

4.2.3 DASD Storage Requirements

WSim libraries can reside on 3350, 3380, or 3390 DASD. However, only 3390 space requirements are listed on the following figures.

Figure 9 on page 10 lists the total space required for each type of library.

Figure 9. Total DASD Space Required by WSim	
Library Type	**Total Space Required**
Target	302 Tracks
Distribution	380 Tracks

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 5.1.5, "Allocate SMP/E Target and Distribution Libraries and Paths" on page 15.

3. 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

4. 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.

5. 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 WSim. The storage requirements of WSim 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.

Library DDNAME	Member Type	Target Volume	TYPE	ORG	RECFM	LRECL	No. of 3390 Trks	No. of DIR Blks
SITPLOAD	LMOD	TVOL1	U	PDS	U	0	78	7
SITPEXEC	EXEC	TVOL1	U	PDS	FB	80	99	9
SITPPNL	Panel	TVOL1	U	PDS	FB	80	80	38
SITPMSG	MSG	TVOL1	U	PDS	FB	80	3	3
SITPSKEL	SKEL	TVOL1	U	PDS	FB	80	8	5
SITPTBL	Table	TVOL1	U	PDS	FB	80	1	2
SITPSAMP	Sample	TVOL2	U	PDS	FB	80	18	7
SITPCLS	CLIST	TVOL2	U	PDS	FB	80	2	3
SITPMDLM	Data	TVOL2	U	PDS	FB	80	2	2
SITPMDLS	Data	TVOL2	U	PDS	FB	80	2	2
SITPUEX	Data	TVOL2	U	PDS	FB	80	9	2

Figure 10. Storage Requirements for WSim Target Libraries

Figure 11. Storage Requirements for WSim 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
AITPMOD	U	PDS	U	0	156	185
AITPEXEC	U	PDS	FB	80	99	9
AITPPNL	U	PDS	FB	80	80	38
AITPMSG	U	PDS	FB	80	3	3
AITPSKEL	U	PDS	FB	80	8	5
AITPTBL	U	PDS	FB	80	1	2
AITPSAMP	U	PDS	FB	80	18	7
AITPCLS	U	PDS	FB	80	2	3
AITPMDLM	U	PDS	FB	80	2	2
AITPMDLS	U	PDS	FB	80	2	2
AITPUEX	U	PDS	FB	80	9	2

Refer to the installation topic in *WSim User's Guide*, SC31-8948, for data sets that are not used by SMP/E, but are required for WSim to execute.

4.3 FMIDs Deleted

No FMIDs are deleted.

4.4 Special Considerations

WSim has no special considerations for the target system.

5.0 Installation Instructions

This chapter describes the installation method and the step-by-step procedures to install and to activate the functions of WSim.

Please note the following:

- If you want to install WSim 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 ITPDFCSI and ITPDFZN are provided for reference.

- 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.

5.1 Installing WSim

5.1.1 SMP/E Considerations for Installing WSim

This release of WSim 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.

5.1.2 SMP/E Options Subentry Values

The recommended values for some SMP/E CSI subentries are shown in Figure 12. 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.

SUB-ENTRY	Value	Comment
DSSPACE	(200,100,150)	Minimum value required for Workload Simulator installation
PEMAX	SMP/E Default	IBM recommends using the SMP/E default for PEMAX.
	3000	Minimum value required for Workload Simulator installation.

Figure 12. SMP/E Options Subentry Values

5.1.3 Sample Jobs

The following sample installation jobs are provided as part of the product to help you install WSim:

Figure 13. Sample Installation Jobs

Job Name	Job Type	Description	RELFILE
ITPRECEV	RECEIVE	Sample RECEIVE job	IBM.H281110.F3
ITPALLOC	ALLOCATE	Sample job to allocate target and distribution libraries	IBM.H281110.F3
ITPDDDEF	DDDEF	Sample job to define SMP/E DDDEFs	IBM.H281110.F3
ITPAPPLY	APPLY	Sample APPLY job	IBM.H281110.F3
ITPACCEP	ACCEPT	Sample ACCEPT job	IBM.H281110.F3
ITPDFCSI	Define CSI	Sample job to create a new SMP/E environment including the SMPCSI and SMP/E control data sets. This job is provided for reference only.	IBM.H281110.F3
ITPDFZON	Define Zones	Sample job to create new SMP/E target and distribution zones. This job is provided for reference only.	IBM.H281110.F3

In the sample SMP/E jobs provided, the name of the global CSI data set is **#globalcsi**. The name of the target zone is **#tzone**. The name of the distribution zone is **#dzone**. The sample jobs must be updated to reflect the CSI and zone names for Workload Simulator installation.

You may copy the jobs from the tape or product files by submitting the job below. 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=*
//TAPEIN   DD DSN=IBM.H281110.F3,UNIT=tunit,VOL=SER=281110,
//         LABEL=(4,SL),DISP=(OLD,KEEP)
//OUT      DD DSNAME=jcl-library-name,
//         DISP=(NEW,CATLG,DELETE),
//         VOL=SER=dasdvol,UNIT=dunit,
//         SPACE=(TRK,(40,20,10))
//SYSUT3   DD UNIT=SYSALLDA,SPACE=(CYL,(1,1))
//SYSIN    DD *
    COPY INDD=TAPEIN,OUTDD=OUT
/*
```

where **tunit** is the unit value matching the product tape, or catridge, **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 **dunit** is the DASD unit type of the volume.

You can also access the sample installation jobs by performing an SMP/E RECEIVE for FMID H281110, and then copying the jobs from the SMPTLIB data set **'high-level-qualifier'.H281110.F3** to a work data set for editing and submission. See Figure 13 on page 13 to find the appropriate SMPTLIB data set.

Note: "high-level-qualifier" is the high-level qualifier specified as the DSPREFIX value in the SMPTLIB DDDEF or the OPTIONS entry of the global zone.

5.1.4 Perform SMP/E RECEIVE

Edit and submit sample job ITPRECEV to perform the SMP/E RECEIVE for WSim. Consult the instructions in the sample job for more information.

NOTE: If you obtained WSim as part of a CBPDO, you can use the RCVPDO job found in the CBPDO RIMLIB data set to RECEIVE the WSim FMID 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.

The following SMP/E RECEIVE command is issued.

```
  RECEIVE SELECT(H281110) SYSMODS LIST .
```

Expected Return Codes and Messages:

This job should complete with a return code 0.

However, a return code 4 is acceptable when the following warning message is issued.

```
GIM50050W RECEIVE PROCESSING FOR SYSMOD H281110 ENCOUNTERED THE DESCRIPTION OPERAND ON THE
HEADER MCS.  THIS OPERAND IS IGNORED SINCE IT IS SUPPORTED ONLY BY OS/390 RELEASE 7 SMP/E, OR
HIGHER.
```

5.1.5 Allocate SMP/E Target and Distribution Libraries and Paths

Edit and submit sample job ITPALLOC to allocate the SMP/E target and distribution libraries for WSim. Consult the instructions in the sample job for more information.

Expected Return Codes and Messages:

This job should complete with a return code 0.

You must check the allocation messages to verify the data sets are allocated and cataloged as expected.

5.1.6 Create DDDEF Entries

Edit and submit sample job ITPDDDEF to create DDDEF entries for the SMP/E target and distribution libraries for WSim. Consult the instructions in the sample job for more information.

Expected Return Codes and Messages:

This job should complete with a return code 0.

5.1.7 Perform SMP/E APPLY

Edit and submit sample job ITPAPPLY to perform an SMP/E APPLY CHECK for WSim. 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.

The following SMP/E APPLY command is issued.

```
APPLY SELECT(H281110)
      FORFMID(H281110)
      CHECK
      GROUPEXTEND
      BYPASS(HOLDSYS,HOLDUSER,HOLDCLASS(UCLREL,ERREL))
      COMPRESS(ALL) .
```

REDO must be added if WSim has previously been applied.

Expected Return Codes and Messages from APPLY CHECK:

This job should complete with a return code 0.

However, a return code 4 is acceptable when the following warning messages are issued.

GIM50050W APPLY PROCESSING FOR SYSMOD H281110 ENCOUNTERED THE DESCRIPTION OPERAND ON THE HEADER MCS. THIS OPERAND IS IGNORED SINCE IT IS SUPPORTED ONLY BY OS/390 RELEASE 7 SMP/E, OR HIGHER.

GIM23903W LINK-EDIT PROCESSING FOR SYSMOD=H281110 WAS SUCCESSFUL FOR MODULE ITPxxxx IN LMOD ITPxxxx IN THE SITPLOAD LIBRARY. THE RETURN CODE IS xx

Expected Return Codes and Messages from APPLY:

This job should complete with a return code 0.

However, a return code 4 is acceptable when the following warning messages are issued.

GIM50050W APPLY PROCESSING FOR SYSMOD H281110 ENCOUNTERED THE DESCRIPTION OPERAND ON THE HEADER MCS. THIS OPERAND IS IGNORED SINCE IT IS SUPPORTED ONLY BY OS/390 RELEASE 7 SMP/E, OR HIGHER.

```
GIM23903W LINK-EDIT PROCESSING FOR SYSMOD=H281110 WAS SUCCESSFUL FOR MODULE ITPxxxx IN LMOD
ITPxxxx IN THE SITPLOAD LIBRARY.  THE RETURN CODE IS xx
```

5.1.8 Perform SMP/E ACCEPT

Edit and submit sample job ITPACCEP to perform an SMP/E ACCEPT CHECK for WSim. 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.

The following SMP/E ACCEPT command is issued.

```
  ACCEPT SELECT(H281110)
         FORFMID(H281110)
         CHECK
         GROUPEXTEND
         BYPASS(HOLDSYS,HOLDUSER,HOLDCLASS(UCLREL,ERREL))
         COMPRESS(ALL) .
```

REDO must be added if WSim has previously been accepted.

Expected Return Codes and Messages from ACCEPT CHECK:

This job should complete with a return code 0.

However, a return code 4 is acceptable when the following warning message is issued.

```
GIM50050W ACCEPT PROCESSING FOR SYSMOD H281110 ENCOUNTERED THE DESCRIPTION OPERAND ON THE HEADER
MCS.  THIS OPERAND IS IGNORED SINCE IT IS SUPPORTED ONLY BY OS/390 RELEASE 7 SMP/E, OR HIGHER.
```

Expected Return Codes and Messages from ACCEPT:

This job should complete with a return code 0.

However, a return code 4 is acceptable when the following warning message is issued.

```
GIM50050W ACCEPT PROCESSING FOR SYSMOD H281110 ENCOUNTERED THE DESCRIPTION OPERAND ON THE HEADER
MCS.  THIS OPERAND IS IGNORED SINCE IT IS SUPPORTED ONLY BY OS/390 RELEASE 7 SMP/E, OR HIGHER.
```

5.2 Installing the WSim-Supplied Rate Tables

The following JCL may be used to generate the WSim supplied sample rate tables data set. The sample
rate tables data set is not required for WSim execution.

```
//RATETBLS JOB
//*------------------------------------------------------------
//*         LOAD THE PREGENERATED SAMPLE RATE TABLES
//*------------------------------------------------------------
//LOADRATE EXEC PGM=ITPRATLD
//*
//*               wsim = High Level Qualifier from installation
//*
//STEPLIB  DD  DSN=wsim.SITPLOAD,DISP=SHR WSim CPU LOAD LIB  <===
//SYSPRINT DD  SYSOUT=A
//SYSIN    DD  DSN=wsim.SITPSAMP(SRATETBL), SAMPLE FILES D/S <===
//             DISP=SHR                  RATE TABLES MEMBER
//RATEDD   DD  DSN=wsim.SITPRTBL,        SAMPLE RATE         <===
//             DISP=(NEW,CATLG),         TABLES D/S
//             UNIT=3390,VOL=SER=wsimpk,  wsimpk = WSim DASD <===
//             SPACE=(2000,(15,7,2))
```

5.3 Activating WSim

After Workload Simulator has been installed, refer to the installation topic in *WSim User's Guide*,
SC31-8948, for post-installation activities, such as system authorization and installation verification.

Reader's Comments

Program Directory for Workload Simulator August 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.

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```
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│ satisfied  <====================>  dissatisfied  applicable
│    1       2       3       4        5            N
│
└──────────────────────────────────────────────────────────────
```

	Satisfaction					
Ease of product installation	1	2	3	4	5	N
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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

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