StorageTek

Expert Performance Reporter (ExPR)

MVS Installation Notes

Version 1 Release 1

112193801

Information contained in this publication is subject to change. In the event of changes, the publication will be revised. Comments concerning the contents of this manual should be directed to the following address:

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Software Engineering Department
2270 South 88th Street
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Contents

Installation Procedures

Pre-Installation Notes

StorageTek Customer Services maintains information about known ExPR problems and their corrections. During installation planning, and again just before installing this product, please call Customer Services for the latest information available concerning product updates (documentation, known problems, PTFs) and possible IBM APARs required for MVS.

- U.S. customers call: 800-678-4430
- International customers call your distributor or StorageTek subsidiary

You must provide your site location number when calling.

Hardware Requirements

ExPR 1.1 hardware requirements are as follows:

- An MVS host system on which to install ExPR
- Optionally, a Windows-capable PC is required if ExPR PC-based graphics generation is required

Software Requirements

ExPR 1.1 software requirements are as follows:

- MVS (XA or ESA, JES2 or JES3) operating system, Versions 2, 3, 4, 5
- StorageTek Host Software Component (HSC), Release 1.2 or higher
- SORT product (DF-SORT or compatible)
- RMF (all releases)
- Tape management system (TMS) software, currently either CA-1 (Release 5.0) or CA-TLMS (Release 5.3 or 5.4). TMS software is optional; ExPR can be used without tape management input.

Additionally, PC-based file transfer software (any product with mainframe-to-PC download capability) is required if ExPR PC-based graphics generation is desired.

Skill Requirements

It is assumed here that you are a system programmer with SMP/E experience who wishes to modify the SMP/E JCL to fit the specific needs of your site.

Install Tape Description

ExPR 1.1 is distributed on a standard label data cartridge that contains a set of SMP/E installation jobs designed to implement a basic installation. These jobs create and allocate target and distribution libraries; create, prime, and initialize

CSI; and SMP/E RECEIVE, APPLY CHECK, APPLY, ACCEPT CHECK, and ACCEPT ExPR.

The ExPR 1.1 distribution tape, volser number PR1100, is in SMP/E RELFILE format and includes the following files:

ExPR 1.1 Install Tape Contents

File	Dataset Name	Description
1	SMPMCS	SMP/E control statements
2	SPR1100.F1	SPR1100 JCLIN
3	SPR1100.F2	SPR1100 object modules
4	SPR1100.F3	ExPR SAMPLIB in IEBCOPY unload format

Install Method

The instructions in this document assume that you will use all of the JCL decks supplied with the product to complete the installation. If you intend to use your own in-house procedures, the following minimum prerequisites must be satisfied:

1. Allocate the required ExPR Target and Distribution libraries that are listed below.
2. Ensure that the required DD statements listed below are present.
3. Set SMP/E DSSPACE space parameters to at least (50,25,50).

The recommended install method is to use the jobs supplied with the product, in which case the above prerequisites are automatically handled.

Target and Distribution Libraries

Dataset Name	DSORG	RECFM	LRECL	BLKSIZE	Blocks	Dir Blocks
user.name.SPR110.SPRLINK	PO	FB	80	3120	400	20
user.name.SPR110.ASPRLINK	PO	U	0	6144	400	20
user.name.SPR110.SAMPLIB	PO	FB	80	3120	150	30

SMP/E DD Statement Requirements

DDname	Dataset
SPRLINK	user.name.SPR110.SPRLINK
ASPRLINK	user.name.SPR110.ASPRLINK
SAMPLIB	user.name.SPR110.SAMPLIB
ASAMPLIB	user.name.SPR110.SAMPLIB

SMP/E Requirements

ExPR 1.1 must be installed with SMP/E release 4 or higher.

Load the ExPR Install Temporary Dataset

Use the JCL below to load the install members of SAMPLIB from file 4 of the distribution tape to aid in product installation.

JCL to load the ExPR 1.1 Install Dataset

```
//jobname JOB .....
//SAMPLIB EXEC PGM=IEBCOPY
//SYSPRINT     DD SYSOUT=*
//TAPE         DD DSN=SPR1100.F3,LABEL=(4,SL),DISP=OLD,
//             UNIT=tape-unit,VOL=SER=PR1100
//DISK         DD DSN=SPR.TEMP.INSTALL,DISP=(NEW,CATLG,DELETE),
//             UNIT=SYSDA,SPACE=(3120,(150,,8))
//SYSIN  DD *
  COPY INDD=TAPE,OUTDD=DISK
  SELECT MEMBER=(SPRINST1,                                    X
                 SPRINST2,                                    X
                 SPRINST3,                                    X
                 SPRINST4,                                    X
                 SPRINST5,                                    X
                 SPRINST6,                                    X
                 SPRINST7)
```

IMPORTANT NOTE: In the COPY section of the JCL listed above, SPRINST2 through SPRINST7 must always begin in column 16 and the continuation mark "X" must always be positioned in column 72.

Install Jobs

ExPR 1.1 provides a series of jobs that must be run consecutively to install the product. These jobs, SPRINST1-7, were downloaded into the TEMP.INSTALL file with the previous JCL.

The install jobs each perform the following functions:

Install Job Functions

Install Job	Function
SPRINST1	Allocate SMP/E Target and Distribution libraries
SPRINST2	Define the SMP/E global CSI
SPRINST3	Initialize/prime the SMP/E global CSI
SPRINST4	Load SMP/E global CSI with Zone, Options, Utility, and DDDEF entries
SPRINST5	SMP/E RECEIVE function
SPRINST6	SMP/E APPLY CHECK and APPLY functions
SPRINST7	SMP/E ACCEPT CHECK and ACCEPT functions

To ensure that these jobs proceed successfully, do not make any changes other than those described in the header for each job. Changes to the logic of any job could cause the installation to fail.

Note: When tailoring the install jobs, be sure to enter the CAPS command before changing model data.

Refer to appendix A, *ExPR SAMPLIB Contents*, for a description of each SAMPLIB member.

SMP/E RECEIVE Processing

The following SMP/E JCL examples are provided as a guide to enable the experienced systems programmer to tailor the ExPR installation to the current requirements of your site if you do not wish to use the supplied installation member.

The figure below contains a JCL example (SPRINST5) that can be used to receive ExPR 1.1.

JCL to RECEIVE ExPR 1.1

```
//jobname JOB .....
//RECEIVE EXEC smp-proc
//SMPPTFIN DD DSN=SMPMCS,LABEL=(1,SL),
                    UNIT=tape-unit,DISP=SHR,VOL=SER=volser
//SMPCNTL  DD *
  SET BDY(GLOBAL)   .
  RECEIVE SYSMODS  .
/*
```

SMP/E APPLY CHECK Processing

The figure below contains a JCL example (SPRINST6) that can be used to APPLY CHECK ExPR 1.1.

JCL to APPLY CHECK ExPR 1.1

```
//jobname JOB .....
//APPLYCK EXEC smp-proc
//SMPCNTL   DD *
  SET BDY(target-zone)  .
  APPLY S(
                SPR1100
              ) CHECK .
/*
```

SMP/E APPLY Processing

The figure below contains a JCL example(SPRINST6) that can be used to APPLY ExPR 1.1.

JCL to APPLY ExPR 1.1

```
//jobname JOB .....
//APPLY   EXEC smp-proc
//SMPCNTL   DD *
  SET BDY(target-zone)  .
  APPLY S(
                SPR1100).
/*
```

SMP/E ACCEPT CHECK Processing

The figure below contains a JCL example (SPRINST7) that can be used to ACCEPT CHECK ExPR 1.1.

JCL to ACCEPT CHECK ExPR 1.1

```
//jobname JOB ......
//ACCEPT EXEC smp-proc
//SMPCNTL   DD *
  SET BDY(dlib-zone)  .
  ACCEPT S(
                   SPR1100
                 ) CHECK .
/*
```

SMP/E ACCEPT Processing

The figure below contains a JCL example (SPRINST7) that can be used to ACCEPT ExPR 1.1.

JCL to ACCEPT ExPR 1.1

```
//jobname JOB .....
//ACCEPT   EXEC smp-proc
//SMPCNTL   DD *
  SET BDY(dlib-zone)  .
  ACCEPT S(
                  SPR1100).
/*
```

Maintenance

The maintenance included with the ExPR 1.1 installation materials *must* be applied before running ExPR.

Installation Dataset Contents

SMP/E Target Library Contents

When ExPR 1.1 has been successfully applied, the SMP/E target libraries will contain the following:

SMP/E Target Library Contents

Dataset Name	Contents
user.name.SPR110.SPRLINK	Load modules required for ExPR 1.1 execution
user.name.SPR110.SAMPLIB	Sample jobstreams for use with ExPR 1.1

SMP/E Distribution Library Contents

When ExPR 1.1 has been successfully ACCEPTed, the SMP/E distribution libraries will contain the following:

SMP/E Distribution Library Contents

Dataset Name	Contents
user.name.SPR110.ASPRLINK	ExPR 1.1 object modules

Customizing ExPR 1.1

The basic product installation is now complete. For information about customizing ExPR 1.1 for your installation site, refer to the *ExPR MVS User's Guide*, specifically chapter 2, *Installation and Customization.*

Receiving an ExPR PTF Tape

To receive an ExPR PTF tape, use the following SMP/E control statements.

JCL to RECEIVE ExPR 1.1 PTF Tapes

```
//jobname JOB ......
//SET BDY(GLOBAL)
//RECEIVE SYSMODS
          FORFMID(SPR1100).
/*
```

Appendix A: ExPR SAMPLIB Contents

Member Name	Description of SPR1100 SAMPLIB Members
@CDS	Model HSC CDS and DDname parameters
@CONFIG	Model hardware definition parameters for CONFIG dataset
@DSMAP	Model dataset workload group parameters
@HSC	Model HSC SMF record parameter definition
@MAP	Model jobname workload group parameters
@PGMI	Model parameters to control PGMI started task
@TAPCAT	Model tape management system control parameters
@THRSHLD	Model exception threshold parameters
APIDEMO	Example of ExPR API
CNTLPGMI	Control card for PGMI started task
CONFIG	Sample job to copy @-prefixed members from SAMPLIB to the sequential CONFIG dataset
CONFSMPA	An example of a fully completed ExPR configuration for users of the automatic configuration feature
CONFSMPM	An example of a fully completed ExPR configuration for users who do not use the automatic configuration feature
DBCON	Sample control cards to consolidate ExPR database (EXPORT and PURGE)

DBDEF	Sample control cards to define ExPR database
DBINIT	Sample control cards to initialize ExPR database
DSNDEF	Sample control cards to allocate ExPR required datasets
EXCPREP	Sample control cards to produce exception reports
EXPRAPI	ExPR API DSECT
EXPRDB	ExPR database record layout - assembler copy member
EXPRHIST	TAPECAT history file record layout
EXPRJOB	Sample job to invoke procedure for batch functions
EXPRPGMI	ExPR PGMI started task
EXPRPROC	Sample MVS procedure to run all ExPR batch functions
FTEXTR	Sample database extract control cards for file transfer processing
MFREPS	Sample control cards to produce mainframe tabular reports
PGMIUPDT	Sample control cards to load PGMI started task data into ExPR database
SMFUPDAT	Sample control cards to select SMF-based input data and update database
SPRINST1	SMP/E install job for ExPR - allocate DLIB and TLIB for SMP/E
SPRINST2	SMP/E install job for ExPR - define CSI for SMP/E
SPRINST3	SMP/E install job for ExPR - prime the CSI for SMP/E
SPRINST4	SMP/E install job for ExPR - initialize the CSI
SPRINST5	SMP/E install job for ExPR - RECEIVE the ExPR product
SPRINST6	SMP/E install job for ExPR - APPLYCHECK and APPLY

	processing
SPRINST7	SMP/E install job for ExPR - ACCEPTCHECK and ACCEPT processing
SYSLOG	Sample control cards to run the SYSLOGUPDATE function for allocation recovery analysis
TAPECATT	Sample tape catalog processing and database update for CA-TLMS users
TAPECAT1	Sample tape catalog processing and database update for CA-1 users
TLMS53	Sample tape catalog processing and database update for CA-TLMS 5.3 users
TLMS54	Sample tape catalog processing and database update for CA-TLMS 5.4 users

Appendix B: Installation Checklist

The checklist below summarizes the steps you must perform to install the ExPR MVS software:

1. Contact StorageTek Customer Services for the latest updates on installing ExPR 1.1.
2. Select the install method, either product default or in-house procedure.
3. Load ExPR 1.1 temporary INST library
4. SMP/E install ExPR 1.1:
    - Tailor install members in TEMP.INST
    - RECEIVE ExPR
    - APPLY CHECK ExPR
    - APPLY ExPR
5. Review ExPR 1.1 MVS User's Guide
    - Chapter 1, Introduction
    - Chapter 2, Installation
6. Perform testing of ExPR 1.1
    - ACCEPT CHECK ExPR
    - ACCEPT ExPR

Appendix C: Install Logic for SPR1100

The install logic is the SMP/E control statements used to package ExPR 1.1. It is included in this document to assist the person installing ExPR 1.1 in determining what effect the install will have on the SMP/E zones being used.

```
++ FUNCTION (SPR1100)            FILES(3)
  /*
  (C) COPYRIGHT 1995  B.R.M
  */ .
++ VER(Z038)
    DELETE(SPR1000) .
++ JCLIN                         RELFILE(1).
++ MOD(XPRINIT) DISTLIB(ASPRLINK) RELFILE(2).
++ MOD(XPRMAIN) DISTLIB(ASPRLINK) RELFILE(2).
++ MOD(XPRAC21) DISTLIB(ASPRLINK) RELFILE(2).
++ MOD(XPRAC30) DISTLIB(ASPRLINK) RELFILE(2).
++ MOD(XPRAC73) DISTLIB(ASPRLINK) RELFILE(2).
++ MOD(XPRAC74) DISTLIB(ASPRLINK) RELFILE(2).
++ MOD(XPRAPI0) DISTLIB(ASPRLINK) RELFILE(2).
++ MOD(XPRAPI1) DISTLIB(ASPRLINK) RELFILE(2).
++ MOD(XPRAPI2) DISTLIB(ASPRLINK) RELFILE(2).
```

++ MOD(XPRATHS) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRCACS) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRCARD) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRCA1X) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRCBSY) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRCDSX) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRCD10) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRCFGI) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRCLSM) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRCOMM) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRCSIB) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRDATE) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRDBCX) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRDBDX) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRDBEX) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRDBTX) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRDBWX) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRDBID) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRDBIF) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRDBIN) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRDBIP) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRDBOP) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRDBUG) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRDBUP) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRDENT) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRDMP7) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRDSGA) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRDSGF) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPREXPO) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPREXPT) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPREXTO) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRFACS) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRFCUU) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRFLSM) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRFPIB) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRGFMS) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRGMSG) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRINFO) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRJDIF) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRJWMS) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRJWMV) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRLEXI) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRLEXO) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRLMOD) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRLMUA) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRMISC) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRMNTD) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRPAR1) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRPAR2) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRPAR3) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRPAR4) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRPBSY) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRPGMI) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRPRNT) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRQACS) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRQAC1) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRRACS) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRREPT) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRRPTA) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRRPTB) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRRPTC) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRSACS) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRSLOG) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRSLOR) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRSLSM) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRSMFA) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRSMFE) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRSMFF) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRSMFI) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRSMFO) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRSMFS) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRSMFU) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRSMFX) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRSSCN) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRSTCU) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRSTCI) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRTAGE) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRTAG2) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRTAG3) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRTAG4) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRTCAT) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRTERD) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRTIME) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRTLMX) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRTMCI) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRTMCP) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRTRCP) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRVALA) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRVALB) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRVALC) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRVALD) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRWTOM) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRXCFG) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRXCFI) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRXSRA) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRZMSG) DISTLIB(ASPRLINK) RELFILE(2).

++ MOD(XPRZZZZ) DISTLIB(ASPRLINK) RELFILE(2).

++ SAMP(@CDS   ) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(@CONFIG) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(@DSMAP) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(@HSC   ) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(@MAP   ) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(@PGMI   ) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(@TAPCAT) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(@THRSHLD) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(APIDEMO) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(CNTLPGMI) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(CONFIG) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(CONFSMPA) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(CONFSMPM) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(DBCON   ) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(DBDEF   ) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(DBINIT) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(DSNDEF) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(EXCPREP) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(EXPRAPI) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(EXPRDB) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(EXPRDB) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(EXPRHIST) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(EXPRPGMI) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(EXPRJOB) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(EXPRPROC) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(FTEXTR) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(MFREPS) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(PGMIUPDT) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(SMFUPDAT) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(SPRINST1) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(SPRINST2) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(SPRINST3) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(SPRINST4) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(SPRINST5) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(SPRINST6) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(SPRINST7) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(SYSLOG) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(TAPECATT) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(TAPECAT1) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(TLMS53) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

++ SAMP(TLMS54) DISTLIB(ASAMPLIB) SYSLIB(SAMPLIB) RELFILE(3).

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