PROGRAM DIRECTORY

FOR USE WITH

EREP VERSION 2 RELEASE 3

FOR VM

PROGRAM NUMBER 5749-010

PREFACE

This Program Directory is for IBM EREP Version 2 Release 3
Modification Level 0, (EREP 2.3.0),Program Number 5749-010.
It contains program procedural and material information.

CONTENTS

INTRODUCTION

This Program Directory contains information concerning the
procedures and materials associated with this product.It is
recommended that you read this document in its entirety
before attempting to install EREP 2.3.0.

Where the information contained in this document differs
from previously published information,the information
contained herein should be regarded as the latest level.

GENERAL AND REFERENCE DOCUMENTATION

The following publications have been updated in support of EREP 2.3.0 (these documents may be ordered by contacting your IBM Representative.)

Environment Recording, Editing, and
Printing (EREP) Program   GC28-1178-2

EREP Messages   GC28-1179-2

PROGRAMMING SYSTEMS

This EREP release does not require any previous release of EREP to be applied before applying this release.

MACHINE CONFIGURATION

EREP operates on all processors supported by VM and the VM/XA Migration Aid.No special hardware requirements exist.

STATEMENT OF SUPPORT PROCEDURES

Service will be provided in OCO (Object Code Only) for the CPEREP interface modules (DMSIFC and DMSREA) and a PTF TXTLIB (ERPTFLIB) for updates to base code. A service exec (5749010) will be included with both Preventive and Corrective service which will apply the service updates and record each update in the service record file (VMEREP VERRELID).

PREVENTIVE SERVICE

Preventive service will be supplied through the distribution of service tapes (PUT). PUTs will be distributed by the Program Information Department (PID) to users of all VM releases on a regular cycle.

CORRECTIVE SERVICE

Corrective service(emergency PTF requests) will be supplied through the Change Team.

SERVICE CONSIDERATIONS

VM/SP RELEASE 1 OR 2

After installing EREP 2.3.0 on VM/SP release 1 or 2 the
following should be done when applying service for VM/SP to
prevent EREP 1.1 service from overlaying EREP 2.3.0 service.
Respond with PASS to:

VSP030R: ENTER EREP TXTLIB DISK ADDRESS (-201- | CUU) ...
         (ERPTFLIB TXTLIB)

VM/SP RELEASE 1 OR 2 USING VMPUT PRODUCTS

When using 'VMPUT PRODUCTS' the following entry for EREP
should be changed to PASS:

5664167 (CPBSTG CPSSTG CPSRC CMSSYS CMSSTG CMSSRC EREP IOCP (NORESP))

VM/SP SIPO USING PUTSPCMS PRODUCT

When using 'PUTSPCMS PRODUCTS' the invocation should be
changed to:

5664167 PASS PASS PASS 190 293 293 PASS PASS NORESP

SERVICE CLASSIFICATION

The EREP release is classified as a Class 2 System Control Program (SCP). Contact your IBM Marketing Representative for information concerning available program services.

To report any difficulties in the use of this release and to obtain a correction, an Authorization Program Analysis Report (APAR) should be submitted.

APARs should be submitted to the location responsible for the failing component identified by the Programming System General Information Manual (PSGIM).

PREREQUISITES

None.

PRODUCT PACKAGING

EREP 2.3.0 is distributed on a 9 track tape at either 1600 BPI or 6250 BPI density depending on the feature number specified with your order. The CMS files are in VMFPLC2 format.

5749-010

Feature Number	External Label	Tape Volser	Contents	Density	Service Level
5022	EREP23 DISTRIBUTION	EREP23	*	9/1600	8306
5023	EREP23 DISTRIBUTION	EREP23	*	9/6250	8306

There are five physical files on the tape,separated by tape marks. These files are:

1.Installation EXEC and product information file (I5749010 EXEC and I5749010 023005).

2.Product memo - (I5749010 MEMO).

3.Support and source files for VM interface modules - (DMSIFC and DMSREA).

4.Product version and release identifier. -VMEREP   VERRELID
   Product Tutorial - dummy file.   -I5749010 TUTORIAL
   Verification Exec.   -V5749010 EXEC
   Verification data.   -V5749010 RECORDS

5.Executable code - (EREPLIB TXTLIB and ERPTFLIB TXTLIB)

Basic Documentation

Licensed Specification - GC-28-1181
Program Directory

INSTALLATION PROCEDURE

The install exec allows for EREP 2.3.0 to be installed on a
variety of VM systems. All of EREP including CPEREP
interface modules will be loaded to the disk(s) specified
during installation. If your current system has EREP split
on separate disks this installation could result in
duplicate EREP/CPEREP files.If these files are not renamed
or erased severe errors could result. The following
procedure is recommended for the most error free results:

1.Installation should be performed by the MAINT virtual
   machine to a 201 minidisk for CPEREP interface
   modules and EREP 2.3.0 base and PTF TXTLIBs.

2.Prior to installation,the 201 minidisk should
   be formatted.

3.Any CPEREP or EREP files on the system 190 disk
   should be erased or renamed.

4.DEFINE and Format a temporary disk as your C-disk.
   This will be the target for the installation exec and
   the memo to users.
   One cylinder of 3340 DASD or its equivalent is sufficient.

   Use the following conversion chart for equivalence:

3330	3340	3350	3375	3380	FB-512		2314
					BLOCKS	PAGES	
1.00	2.50	0.46	0.70	0.44	418	52	1.74

NOTE: See Appendix A for sample installation.

APPENDIX A   SAMPLE INSTALL

User input is not capitalized in the following example:

Note: Lines marked by a '|' to the left are not required
      and will not be displayed when install is done in a
      stacked tape format.Also final return code will be
      888 when installing from a stacked tape.

```
| def t3330 192 1               **define temporary C-disk space**
| DASD 0192 DEFINED 001 CYL
| R;
| format 192 c                  **format C-disk space**
| DMSFOR603R FORMAT WILL ERASE ALL FILES ON DISK 'C(192)'.
| DO YOU WISH TO CONTINUE? (YES NO):
| yes
| DMSFOR605R ENTER DISK LABEL:
| txxxx                         **where xxxx is TDISK label**
| FORMATTING DISK 'C'.
| '1' CYLINDERS FORMATTED ON 'C(192)'.
| R;
| rew 181                       **rewind install tape**
| TAPE 0181 REWIND STARTED
| R;
| vmfplc2 load * * c(eof 2      **load memos and install exec**
|   LOADING.....
|   I5749010 EXEC     C1
|   I5749010 023005   C1
|   END-OF-FILE OR END-OF-TAPE
|   I5749010 MEMO     C1
|   END-OF-FILE OR END-OF-TAPE
| R;
| i5749010                      **enter install exec**
|         *5749010 - VM/EREP  02.3.0*
|     DO YOU WISH TO INSTALL THIS PRODUCT? (YES NO)
|
| yes
|
  THE DEFAULT MINIDISK FOR CPEREP INTERFACE FILES ON EREP 2.3.0 IS:
  *------- -------- -------- -* (201) *- -------- -------- -------*

      ENTER 1. A NULL LINE TO EXCEPT DEFAULT OR
            2. NEW MINIDISK CUU

                              **null enter**
  '201' REPLACES ' A (191) '
  LOADING CPEREP INTERFACE FILES FROM DISTRIBUTION TAPE
|   LOADING.....
```

```
|  DMSIFC    MEMO      A1
|  DMSIFC    TEXT      A1
|  DMSREA    TEXT      A1
|  EREPGEND EXEC       A1
|  CPEREP    EXEC      A1
|  END-OF-FILE OR END-OF-TAPE
   CPEREP MODULE SUCCESSFULLY CREATED
|
|  THE DEFAULT MINIDISK FOR EREP TXTLIBS ON EREP 2.3.0 IS:
|  *------- -------- ----* ( 201 ) *---- -------- -------*
|
|  ENTER 1. A NULL LINE TO EXCEPT DEFAULT OR
|        2. NEW MINIDISK CUU
|
|                                   **null enter**
|  '201' REPLACES ' A (191) '
   LOADING EREP TXTLIB FILES FROM DISTRIBUTION TAPE
|  LOADING.....
|  VMEREP    VERRELID A1
|  V5749010 EXEC      A2
|  V5749010 RECORDS   A1
|  I5749010 TUTORIAL A1
|  END-OF-FILE OR END-OF-TAPE
|  EREPLIB   TXTLIB    A1
|  ERPTFLIB TXTLIB    A1
|  END-OF-FILE OR END-OF-TAPE
   PRT FILE xxxx FROM xxxxxxx PRT RECS 0001 COPY 01 A HOLD   NOKEEP

     *5749010 - VM/EREP 02.3.0 INSTALLATION COMPLETED SUCCESSFULLY

R;
```

-INSTALLATION VERIFICATION-

Note: If you are installing any other products at this time you
      should execute this step after those products have been
      installed.

   At this time installation is complete.To verify this enter V5749010.
   This EXEC will generate a report for a device newly supported in
   EREP 2.3.0. Compare the output generated with that printed in the
   memo to users printed during installation.Following is invocation:

<u>v5749010</u>   **verification exec**

            EREP 2.3.0 INSTALLATION VERIFICATION

   ****
   * THIS EXEC REQUIRES NO INTERVENTION BY USERS.PARAMETERS HAVE*
   * ALREADY BEEN GIVEN.IGNORE REQUEST FOR PARAMETERS AND ALLOW *
   * EXEC TO COMPLETE.COMPARE THE OUTPUT FROM THIS EXEC WITH THE*
   * MEMO TO USERS PRINTED PRINTED EARLIER.   *
   ****

   Enter parameter statement(s) or null to process:
   Enter parameter statement(s) or null to process:
   PRT FILE xxxx FROM xxxxxxx PRT RECS 0093 COPY 01 A HOLD   NOKEEP
   R;

APPENDIX B

APAR/PTF ACTIVITY FOR SERVICE

The EREP RELEASE 2.3 includes all APAR's and PTF's
integrated in EREP RELEASE 2.2.