INSTALLATION INSTRUCTIONS FOR RELEASE 1063

LICENSE NUMBER

April 3, 1996

Information Systems & Computing
Office of the President
University of California
Installation Sequence

Installation of this release requires the following steps.

1. Alter tables PPPLCN and PPPLIC using RC/MIGRATOR.
   RC/Migrator strategies ANALYSIS(EDB1063U) and ANALYSIS(HDB1063U) can be used to perform the DB2 changes, or the environments may be updated using the DDL members which were also provided. In any event, the provided DDL members should be installed into production (step 2a. below) so that they will be available when needed in the future. You should also be aware that the strategies do not provide for local changes to referenced objects.

   If you do not wish to use the RC/Migrator strategies, skip this step and continue with step 2.

   a. Modify strategy member EDB1063U by replacing "*AUTHID*" with the appropriate campus value, and replacing "PPPEDB" with the name of the actual database to be updated.

   b. Modify strategy member HDB1063U by replacing "*AUTHID*" with the appropriate campus value, and replacing "PPPHDB" with the name of the actual database to be updated.

   c. Use RC/Migrator to execute the strategies.

   d. Skip step 2 and 3 and continue with step 4.

2. Alter table PPPLCN using DDL’s.

   a. Replace *AUTHID* with campus Authid and make any local campus modifications to DDL’s.

   PPPVLCN1
   PPPVLCN2
   PPPVZLCN
   TBLCN00C
   TBLCN01A

   b. Alter table PPPLCN by executing DDL TBLCN01A.

   c. Drop the following views.

   PPPVLCN1
   PPPVLCN2
   PPPVZLCN
d. Recreate the views to table PPPLCN by executing the following DDL after including any campus modifications.

PPPVLCN1
PPPVLCN2
PPPVZLCN

3. Alter table PPPLIC using DDL’s.

a. Replace *AUTHID** with campus Authid and make any local campus modifications to DDL’s.

PPPV LIC1
PPPVZLIC
TBLIC00C
TBLIC01A

b. Alter table PPPLIC by executing DDL TBLIC01A.

c. Drop the following views.

PPPV LIC1
PPPVZLIC

d. Recreate the VIEWS to table PPPLIC by executing the following DDL after including any campus modifications.

PPPV LIC1
PPPVZLIC

4. Modify the following COPYMEMBERS.

CPWSELCN
CPWSRLCN
CPWSRLIC
CPWSXICE
CPWSXIDC

5. Install changes to the following base system INCLUDE members.

PPPVLCN1
PPPVLCN2
PPPV LIC1
PPPVZLCN
PPPVZLIC
Similar changes must be made to all local include members corresponding to the above views.

6. CICS Map Generation
   a. Install the source code contained in RLSE.DGIPNL for the following Maps.
      
      PPELIC0
      PPHLIC0
      PPILCD0
      PPILIC0
      
   b. Generate the BMS macros and the COBOL data structure for the following Maps.
      
      PPELIC0
      PPHLIC0
      PPILCD0
      PPILIC0
      
   c. Assemble the BMS macros to produce the physical map descriptions used by CICS/BMS.

7. COBOL Program Installation
   a. Install the following new program.
      
      PPWILCD
      
   b. Modify the following programs and modules.
      
      D21H04E
      PPEC714
      PPLCNFET
      PPLCNUPD
      PPLCNUIL
      PPLCNUTW
      PPLICFET
      PPLICHST
      PPLICUPD
      PPP250
      PPWELIC
      PPWHLIC
c. Install the following new bind statement.

PPWILCD

d. Pre-compile, compile, link and bind the programs identified in the table below. This table includes all NEW and MODIFIED programs which must be compiled and indicates whether DB2 precompilation is necessary. Programs which have "BATCH" under the column heading “Compile” must be compiled once and linked into the batch library (LOADLIB). Programs which have “DUAL” under the column heading “Compile” must be compiled and linked into both batch and on-line load library (LOADLIB and OLOADLIB). If a BIND is required, it is indicated in the table under the heading “Bind”.

<table>
<thead>
<tr>
<th>PROGRAM:</th>
<th>DB2 Pre-Compile</th>
<th>CICS Pre-Compile</th>
<th>Compile</th>
<th>Bind</th>
<th>Done?</th>
</tr>
</thead>
<tbody>
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<td>CICS</td>
<td>PLAN</td>
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<tr>
<td>PPEC714</td>
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<td>NO</td>
<td>DUAL</td>
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<tr>
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<td>NO</td>
<td>DUAL</td>
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<td>DUAL</td>
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<td>DUAL</td>
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<td>BATCH</td>
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<td>NO</td>
<td>BATCH</td>
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<td>YES</td>
<td>CICS</td>
<td>PACKAGE</td>
<td></td>
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</table>

e. Pre-compile, compile, link and bind the programs identified in the table below. This table includes all
UNMODIFIED programs which must be compiled and indicates whether DB2 precompilation is necessary. Programs which have “BATCH” under the column heading “Compile” must be compiled once and linked into the batch library (LOADLIB). Programs which have “DUAL” under the column heading “Compile” must be compiled and linked into both batch and on-line load library (LOADLIB and OLOADLIB). If a BIND is required, it is indicated in the table under the heading “Bind”.

<table>
<thead>
<tr>
<th>PROGRAM:</th>
<th>DB2 Pre-Compile</th>
<th>CICS Pre-Compile</th>
<th>Compile</th>
<th>Bind</th>
<th>Done?</th>
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</thead>
<tbody>
<tr>
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<td>DUAL</td>
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<td></td>
</tr>
</tbody>
</table>

f. Bind the following plans.

PPP040
PPP700
PPP742
PPP743

8. CICS HELP

a. Import revised CICS HELP anchors data from RLSE.HELPANCH (refer to sample JCL in RLSE.JCL(LOADANCH)).
b. Import new CICS HELP screen data from RLSE.HELPSCRN (refer to sample JCL in RLSE.JCL(LOADDDSE)).

9. CICS Resource Definition
   a. Change the *GROUPID* in the CARDLIB(RDO1063) to the appropriate Group ID.
   b. Use the transaction in CARDLIB(RDO1063) to define the new program PPWILCD and map PPILCD to CICS (refer to sample CL in RLSE.JCL(LOADRDO)).

10. Execute and verify the test plan, per supplied instructions.

11. Perform any desired additional campus testing.

12. Install into production.
   a. Control Table (CTL) Updates
      Update the VSAM production Data Element Table with the supplied transaction in CARDLIB(DET1063) by executing program PPP010.
      Update the DB2 production Data Element Table by executing program PPP851 for Table 06.
      Update the production Data Elements to Screen table with the supplied transaction in CARDLIB(DES1063) by executing program PPP006.
   b. Process Control Database (PCD) Updates
      The new ILCD function must be added to the UC0CFN Table. The released UDB2PCD(UC0CFN) can be loaded with RESUME to add this new function.
      The new ILCD function must be added to the UCOMNU Table for the IEDB and IDDB menus. The released UDB2PCD (UCOMNU) can be loaded with RESUME to add this new function.
      The new data element must be added to the History Data Element Table (PPPHDE). The released UDB2PCD(PPPHDE) can be loaded with RESUME to add this new data element. Instructions on adding new records to PPPHDE on-line are also included in document number ERH-8, Employee Record History Instructions, date 9/30/92, which was shipped with release 704.
c. Update the production CICS region as described in steps 8 and 9 above.

13. Security Considerations

The following RACF steps must be performed to implement security.

a. Define protected access profiles in the installation-defined resource class for the function code ILCD.

b. Permit READ access to ILCD to the individual users or groups who are authorized to use the function.

14. Place modified objects in production.