

Release 1676

**Service Request 16974
ESI Online Earnings Statement Phase 2**

Installation Instructions

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Payroll/Personnel Services, ATS, IR&C
Office of the President
University of California

Installation Instructions

This document provides installation instructions for this release. Review these instructions carefully before proceeding with installation.

DB2 Installation

This portion of the installation creates DB2 objects.

1. Install the **modified** DDL members listed in the following table, replacing *AUTHID* and databases ???EDB and ???PAR, as necessary, with appropriate campus values.

DDL Members	Database	Installed?
PPPVEUD1	PPPPAR	
PPPVPCM1	PPPEDB	
PPPVPCM2	PPPEDB	
PPPVZEUD	PPPPAR	
PPPVZPCM	PPPEDB	
TBEUD00C	PPPPAR	
TBPCM00C	PPPEDB	

2. Install the **new** DDL members listed in the following table, replacing *AUTHID* and databases ???EDB and ???PAR, as necessary, with appropriate campus values.

DDL Members	Database	Installed?
TBEUD11A	PPPPAR	
TBPCM21A	PPPEDB	

3. Make the changes to the DB2 tables (choose **RC/Migrator** or **DDL** approach):

- **RC/Migrator approach:**

RC/Migrator strategy ANALYSIS(R1676U) can be used to perform the DB2 changes. The strategies do not provide for local changes to referenced objects.

- a) Modify ANALYSIS(R1676U) by updating *AUTHID*, ???EDB, and ???PAR with the appropriate local values.
- b) Use RC/Migrator to execute the strategies.

- **DDL approach:**

- a) Drop the following views; DDL(OT1676A) has been provided:

- PPPVEUD1_EUD
- PPPVPCM1_PCM
- PPPVPCM2_PCM
- PPPVZEUD_EUD
- PPPVZPCM_PCM

- b) Alter table PPPPCM and recreate its associated views by executing the new or modified DDL members in the following order:

- TBPCM21A
- PPPVPCM1
- PPPVPCM2
- PPPVZPCM

- c) Alter table PPPEUD and recreate its associated views by executing the new or modified DDL members in the following order:

- TBEUD11A
- PPPVEUD1
- PPPVZEUD

4. Re-grant select on dropped views used by Web Inquiry, with appropriate campus values for *AUTHID* and *WEBID*:

- GRANT SELECT ON *AUTHID*.PPPVZPCM_PCM TO *WEBID*

Include Member Installation

1. Install the following **modified** INCLUDE members listed in the following table.

Include Members	Installed?
PPPVEUD1	
PPPVPCM 1	
PPPVPCM 2	
PPPVZEUD	
PPPVZPCM	

CICS Map Generation

1. Install the source code contained in DGIPNL for the **modified** maps listed in the following table.
2. Use SDF II option 6 to generate the BMS macro and the COBOL data structure for this map.
3. Assemble and link the BMS macros to produce the physical map descriptions used by CICS/BMS.

Map Name	DGIPNL Member	Installed?	Generated?	Assembled?
PPECHK0	PPECHK0			
PPIDSP0	PPIDSP0			
PPIDCA0	PPIDCA0			
PPIGNL0	PPIGNL0			

Copylib Member Installation

1. Install the **modified** copy members listed in the following table.

Copylib Members	Installed?
CPWPATBL	
CPWSRPCM	
CPWSXPAR	

Bind Member Installation

1. Install the **one-time** bind member listed in the following table.

Bind Members	Installed?
PPO1676A	

Program Preparation

Note: At UCOP, all COBOL programs pass through the DB2 pre-compiler, whether or not the program contains embedded SQL, to resolve INCLUDE references. Your site may have different requirements.

1. Install, compile, and link the **one-time** program listed in the following table.

Program	DB2?	Compile	Package Bind?	Done?
PPO1676A	Yes	Batch	No	

2. Install, compile, and link the **modified** programs listed in the following table.

Program	DB2?	Compile	Package Bind?	Done?
PPDB2PAR	Yes	Batch	No	
PPDXSALR	Yes	Dual	Yes	
PPEC108	Yes	Dual	Yes	
PPEI402	No	Dual	No	
PPEM009	Yes	Dual	No	
PPEUDEXT	Yes	CICS	Yes	
PPKEYCHD	Yes	Dual	Yes	
PPPCMCHG	No	Batch	No	
PPPCMFET	No	Dual	No	
PPPCMUPD	No	Dual	No	
PPPCMUTL	Yes	Dual	Yes	
PPPCMUTW	Yes	Dual	Yes	
PPP420	Yes	Batch	No	
PPWECHK	Yes	CICS	Yes	
PPWIDSP	Yes	CICS	Yes	
PPWIDCA	Yes	CICS	Yes	
PPWIGNL	Yes	CICS	Yes	

3. Compile and link the **unmodified** programs listed in the following table.

Program	DB2?	Compile	Package Bind?	Done?
PPAPDPFH	Yes	CICS	Yes	
PPAPDPFP	Yes	CICS	Yes	
PPAPDPKS	Yes	CICS	Yes	
PPAPDPNF	Yes	CICS	Yes	
PPAPDPSR	Yes	CICS	Yes	
PPAPPIFH	Yes	CICS	Yes	
PPAPPIFP	Yes	CICS	Yes	
PPAPPIKS	Yes	CICS	Yes	
PPAPPINF	Yes	CICS	No	
PPAPPISR	Yes	CICS	No	
PPP465	Yes	Batch	No	
PPWIBRS	Yes	CICS	Yes	
PPWIADJ	Yes	CICS	Yes	
PPWICHK	Yes	CICS	Yes	
PPWICH2	Yes	CICS	Yes	
PPWIDCS	Yes	CICS	Yes	
PPWIDC2	Yes	CICS	Yes	
PPWIDDC	Yes	CICS	Yes	
PPWIDDN	Yes	CICS	Yes	
PPWIDER	Yes	CICS	Yes	
PPWIDGT	Yes	CICS	Yes	
PPWIDHD	Yes	CICS	Yes	
PPWIERN	Yes	CICS	Yes	
PPWIGRS	Yes	CICS	Yes	

Plan Binds

1. Bind the plans listed in the following table.

Bind Member	Done?
PPO1676A	
PPP040	
PPP050	
PPP080	
PPP120	
PPP130	
PPP170	
PPP250	
PPP360	
PPP410	
PPP420	
PPP465	
PPP700	
PPP742	
PPP743	
PPP744	
PPP750	

JCL Changes

1. Create JCL for the **one-time** program in the following table.

Program	Sample JCL	Installed?
PPO1676A	PPO1676A	

2. Modify the JCL for PPP420 to set the LRECL for DD WORKFIL to 39 instead of 38.

Web Application Installation

Review and edit the job “PDS2HFS” in the JCL library to transfer the web application file to the application directory structure. Edit the control statements to supply the local directory names created in the Web EDB Inquiry release 1408.

Run this jobstream once the necessary customization has been made.

After running the PDS2HFS jobstream, verify that the following Net.data files were copied to the “include” directory created in the Web EDB Inquiry release 1408:

Filename	Done
ppwwidsp.d2w	
ppwwidsp1.d2w	

Once the include files have been copied, use the **chmod** command to set permissions on all files to 755. The group ownership of all files may be left as is, assigned to the group associated with the installer ID.

```
$ chmod 755 *
```

CICS Help

1. Import the modified Helptext in file HELPDDSE. Refer to sample JCL in JCL(LOADDDSE).
2. Import the modified Helptext in file HELPSCRN. Refer to sample JCL in JCL(LOADSCRN).
3. Import the modified anchors in file HELPANCH. Refer to sample JCL in JCL(LOADANCH).

Table Updates

1. Run PPP004 to update the following CTL tables with release transactions.
 - System Messages Table (08) – Use the transactions in CARDLIB(MSGPROD).
 - Code Translation Table (38) – Use the transactions in CARDLIB(CTTPROD).
 - Data Element Table (06) – Use the transactions in CARDLIB(DETPROD).
 - Data Element to Screen Table (39) – Use the transactions in CARDLIB(DESPROD).
 - Routine Definition Table (37) – Use the transactions in CARDLIB(RTDPROD).
2. Update the UC0CFN table in the PCD database. CARDLIB(UPCFN) is an example of commands that could be used with SPUFI.

Testing

Perform installation verification testing as described in the Test Plan. Campuses are strongly encouraged to perform additional local testing as needed.

Install in Production

1. Install all the objects in this release.
2. Follow local procedures for implementing the use of the revised form UPAY641.
3. Run PPO1676A to populate the Online Earnings Statement Indicator. It can be run as needed in REPORT mode to allow review of the changes prior to the actual update run in UPDATE mode.
4. Establish production control procedures to allow for the use of the earnings statement override flag from the revised form UPAY641 as needed. Campuses may wish to use the override value of Y (print all earnings statements) until the campus is ready to print earnings statements only for employees who 'opt-in' for printed statements.