

Release 1571

**Service Request 14841
Increase Earnings Occurrences from 99
to 500**

**Service Request 16916
Add YTD Balances to PAR**

INSTALLATION INSTRUCTIONS

May 3, 2004
Enterprise IT Services
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.

NOTE: no RC/Migrator ANALYSIS members have been provided; the changes made in this release have uncovered a bug in RC/Migrator for which there is currently no solution or workaround.

1. Install the **modified** DDL members listed in the following table, replacing *AUTHID* and database "PPPPAR", as necessary, with appropriate campus values.

DDL Members	Database	Installed?
PPPVEUD1	PPPPAR	
PPPVEUD	PPPPAR	
TBEUD00C	PPPPAR	

2. Install the **new** DDL members listed in the following table, replacing *AUTHID*, *STOGROUP*, and database names "PPPPAR" and "PPPEH", as necessary, with appropriate campus values.

DDL Members	Database	Installed?
TBEUD08A	PPPPAR	
TSBAL00C	PPPPAR	
TBBAL00C	PPPPAR	
IXBAL00C	PPPPAR	
PPPVBAL	PPPPAR	
PPPVZETC	PPPEH	

3. Drop the following views (DDL(OT1571A) has been provided):
 - PPPVEUD1_EUD
 - PPPVEUD_EUD
4. Alter table PPPEUD and recreate its associated views by executing the DDL members in the following order:
 - TBEUD08A
 - PPPVEUD1
 - PPPVEUD
5. Create new table PPPBAL and its associated views by executing the DDL members in the following order:
 - TSBAL00C
 - TBBAL00C
 - IXBAL00C
 - PPPVBAL

6. Create new view PPPVZETC_ETC by executing the following DDL member:
 - PPPVZETC

7. Drop the following obsolete views (DDL (OT1571B) has been provided):
 - PPPV465A_DAT
 - PPPV465B_DRC
 - PPPV465E_HAT
 - PPPV465F_PIR
 - PPPV540A_ETC
 - PPPV580A_PER
 - PPPV580B_BND

Include Member Installation

1. Install the following **new** INCLUDE member listed in the following table.

Include Members	Installed?
PPPVZBAL	
PPPVZETC	

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

Include Members	Installed?
PPPVZEUD1	
PPPVZEUD	

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?
PPIDERO	PPIDERO			
PPIERNO	PPIERNO			

Copylib Member Installation

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

Copylib Members	Installed?
CPFDSPAR	
CPLNQPAR	
CPWSSPAR	
CPWSSVAC	

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

Copylib Members	Installed?
CPFDTOEU	
CPFDXEDF	
CPLNKEXP	
CPWPATBL	
CPWSTOEU	
CPWSVPAR	
CPWSWPAR	
CPWSXCBF	
CPWSXCPA	
CPWSXEDR	
CPWSXEXP	
CPWSXIC2	
CPWSXPAR	
CPWSXPAW	
CPWSXPA1	
CPWSXR93	
CPWSZPAR	

Bind Member Installation

1. Install the **modified** bind member listed in the following table.

Copylib Members	Installed?
PPP713	

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** programs listed in the following table.

Program	DB2?	Compile	Package Bind?	Done?
PPO1571A	No	Batch	No	
PPO1571B	No	Batch	No	
PPO1571C	No	Batch	No	
PPO1571D	No	Batch	No	

2. Install, compile, and link the **new** program listed in the following table.

Program	DB2?	Compile	Package Bind?	Done?
PPSEQPAR	No	Batch	No	

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

Program	DB2?	Compile	Package Bind?	Done?
PPCPAPAY	No	Batch	No	
PPDB2PAR	No	Batch	No	
PPEUDEXT	Yes	CICS	Yes	
PPGRSAUP	No	Batch	No	
PPGRSCBD	No	Batch	No	
PPGRSCOH	No	Batch	No	
PPGRSLVE	No	Batch	No	
PPGRSPAR	Yes	Batch	No	
PPGRSRVW	No	Batch	No	
PPGRSTIM	No	Batch	No	
PPI730	Yes	Batch	No	
PPP330	Yes	Batch	No	
PPP380	Yes	Batch	No	
PPP390	Yes	Batch	No	
PPP400	Yes	Batch	No	
PPP410	Yes	Batch	No	
PPP420	Yes	Batch	No	
PPP430	Yes	Batch	No	
PPP440	Yes	Batch	No	
PPP450	Yes	Batch	No	
PPP460	No	Batch	No	
PPP465	Yes	Batch	No	
PPP470	Yes	Batch	No	
PPP480	Yes	Batch	No	
PPP490	Yes	Batch	No	
PPP495	Yes	Batch	No	
PPP500	Yes	Batch	No	
PPP510	No	Batch	No	

Program	DB2?	Compile	Package Bind?	Done?
PPP520	Yes	Batch	No	
PPP530	Yes	Batch	No	
PPP532	Yes	Batch	No	
PPP540	Yes	Batch	No	
PPP560	Yes	Batch	No	
PPP580	Yes	Batch	No	
PPP640	Yes	Batch	No	
PPP713	Yes	Batch	No	
PPP864	Yes	Batch	No	
PPP870	Yes	Batch	No	
PPP876	Yes	Batch	No	
PPP930	Yes	Batch	No	
PPP940	Yes	Batch	No	
PPP946	Yes	Batch	No	
PPWICH2	Yes	CICS	Yes	
PPWIDC2	Yes	CICS	Yes	
PPWIDER	Yes	CICS	Yes	
PPWIERN	Yes	CICS	Yes	

4. 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	
PPAPORKS	Yes	CICS	Yes	
PPAPPIFH	Yes	CICS	Yes	
PPAPPIFP	Yes	CICS	Yes	
PPAPPIKS	Yes	CICS	Yes	
PPAPPINF	Yes	CICS	No	
PPAPPISR	Yes	CICS	No	
PPCPAFSR	No	Batch	No	
PPCPAPDR	No	Batch	No	
PPEXPTRN	Yes	Dual	Yes	
PPGRSERN	Yes	Batch	No	
PPGRSFIN	No	Batch	No	
PPGRSRP3	No	Batch	No	
PPGRSRP5	Yes	Batch	No	
PPORCNCL	Yes	CICS	Yes	
PPOROVPY	Yes	CICS	Yes	
PPORRVSL	Yes	CICS	Yes	
PPPBLS	Yes	Batch	No	
PPP360	Yes	Batch	No	
PPP533	Yes	Batch	No	
PPP536	No	Batch	No	
PPP541	Yes	Batch	No	
PPP542	No	Batch	No	

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Program	DB2?	Compile	Package Bind?	Done?
PPP549	Yes	Batch	No	
PPWCNCL	Yes	CICS	Yes	
PPWIADJ	Yes	CICS	Yes	
PPWIBRS	Yes	CICS	Yes	
PPWICHK	Yes	CICS	Yes	
PPWIDCA	Yes	CICS	Yes	
PPWIDCS	Yes	CICS	Yes	
PPWIDDC	Yes	CICS	Yes	
PPWIDDN	Yes	CICS	Yes	
PPWIDGT	Yes	CICS	Yes	
PPWIDHD	Yes	CICS	Yes	
PPWIDSP	Yes	CICS	Yes	
PPWIGRS	Yes	CICS	Yes	
PPWOVPY	Yes	CICS	Yes	
PPWRVSL	Yes	CICS	yes	

Plan Binds

1. Bind the plans listed in the following table.

Bind Member	Done?
PPI730	
PPP330	
PPP350	
PPP360	
PPP380	
PPP390	
PPP400	
PPP410	
PPP420	
PPP430	
PPP440	
PPP450	
PPP460	
PPP465	
PPP470	
PPP480	
PPP490	
PPP495	
PPP500	
PPP510	
PPP520	
PPP530	
PPP532	
PPP533	
PPP536	
PPP540	
PPP541	
PPP542	
PPP549	
PPP560	
PPP580	
PPP640	
PPP713	
PPP864	
PPP870	
PPP876	
PPP930	
PPP940	
PPP946	

JCL Changes

1. Update the JCL for the programs listed below, taking into consideration the following:
 - all references to the record length of the PAR and CPA files must be updated (output instances only are listed)
 - all non-standard DDs for the PAR file must be changed
 - the PAR file produced by PPP400 is no longer the final PAR; PPP410 now writes the final PAR file, which is used by all subsequent processing (including PPP420, which continues to rewrite the final PAR)
 - the new PAR file will need significantly more disk space, probably at least double its current allocation.

Program	Old DD	New DCB	Notes
PPI730	PHF01		Change DD to PAYAUDIT
PPP380	CPA	LRECL=369	
PPP390	PRELMPAR	LRECL=369	
PPP400	PAYAUDIT	LRECL=369	This is no longer the final PAR; it will be input to PPP410 only.
PPP410	PRELMPAR		Add DD as input; source is PAYAUDIT from PPP400
PPP410	PAYAUDIT	LRECL=369	Change DD from input to output; this is the final PAR to be used by subsequent processes
PPP420	SORTDPR	LRECL=17765	
PPP460	PAYAUDUP	LRECL=369	
PPP460	PAYMERG	LRECL=369	
PPP500	CUMPAR		Change DD to PAYAUDIT
PPP520	EXPDIST	LRECL=7718	
PPP530	TOEUPDT	LRECL=133	
PPP532	TEMPFILE	LRECL=1389	
PPP560	PARFILE		Change DD to PAYAUDIT
PPP640	SYS002		Change DD to PAYAUDIT
PPP713	PARI		Change DD to PAYAUDIT
PPP876	PARMO		Change DD to PAYAUDIT
PPP930	PLMTRNOT	LRECL=233	
PPP930	REPTOUT	LRECL=219	

2. Create JCL for the **one-time** file conversion programs in the following table.

Program	File	Sample JCL	Installed?
PPO1571A	PAR	PPO1571A	
PPO1571B	EDW	PPO1571B	
PPO1571C	TOE	PPO1571C	
PPO1571D	PAR (new to old)	PPO1571D	

CICS Help

1. Import the modified Helptext in file HELPDDSE. Refer to sample JCL in JCL (LOADDDSE). Text has been modified for the following:
 - PAR3055
 - PAR0470
2. Import the modified Helptext in file HELPSCRN. Refer to sample JCL in JCL(LOADSCRN). Text has been modified for the following:
 - PARHIDER
 - PARHIERN
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 table with release transactions.
 - System Messages Table (08) - Use the transactions in CARDLIB (MSGPROD). Deletes unused messages and updates others for PPP380; adds a message for PPP946

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. Installation can be done at any time of the month, but it is recommended that it be done after Month End reporting and before the first compute of the following month.
2. Use PPO1571A to convert any existing PAR files that will be used by modified processes. Such files may include, but are not limited to, any PARs created by prior computes during that month, and any PAR files that are used in cumulative processes such as PPP460, PPP876, or PPP930, or PAR files that are used as interface files.
3. PPO1571D can be used to convert PARs in the new, multi-record format to the old, single-record format. However, it must be used with caution; if the program encounters a PAR file record with more than 99 earnings distributions, that record will be skipped and its key will be DISPLAYed, and processing will continue. If any records were skipped, the program will end with a RETURN-CODE of 8.
4. If there are any sequential Expense Distribution Work (EDW) files or Transfer of Expense Update (TOEU) files in the old formats that may be re-used for further processing, use PPO1571B to convert the EDWs and PPO1571C to convert the TOEUs.
5. Update any key entry formats for the PPP940 turnaround reports.
6. Update any key entry formats for UPAY880.
7. Review any laser or fiche formatting for PPP5302 to ensure that the PAR CTL and DIS columns are delimited correctly.
8. Follow local procedures for making the following objects obsolete:
 - COPYLIB members:
 - CPFDXCPA
 - CPFDXPAR
 - DDL members:
 - PPPV465A
 - PPPV465B
 - PPPV465E
 - PPPV465F
 - PPPV540A
 - PPPV580A
 - PPPV580B
 - INCLUDE members:
 - PPPV465A
 - PPPV465B
 - PPPV465E
 - PPPV465F
 - PPPV540A
 - PPPV580A
 - PPPV580B