

Release 1931

**Service Request 82583
IPEDS**

**Service Request 82806
Health Sciences Compensation Data**

**Service Request 82979
Add PPS Separation Reason Code to CPS Interface**

**Service Request 83016
Web New Hire – Add Appointment Dept Code**

**Error Reports 2276, 2279, 2280, 2281, 2283, 2285,
2286, 2287, 2288, 2290, 2293, 2297, 2307**

Installation Instructions

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This document provides installation instructions for release 1931. Please review these instructions carefully before proceeding with the installation.

1. DB2 Installation

This portion of the installation creates DB2 objects.

1.1 Install the following **modified** DDL members

Replace *AUTHID* and databases PPPEDB and PPPHDB as necessary with appropriate campus values.

DDL Members	Database	Installed?
PPPVBAS1	PPPHDB	
PPPVZBAS	PPPHDB	
PPPVPER1	PPPEDB	
PPPVPER2	PPPEDB	
PPPVZPER	PPPEDB	
TBBAS00C	PPPHDB	
TBPER00C	PPPEDB	

1.2 Install the following **new** DDL members

Replace *AUTHID* and databases PPPEDB and PPPHDB as necessary with appropriate campus values.

DDL Members	Database	Installed?
TBBAS14A	PPPHDB	
TBPER20A	PPPEDB	

1.3 Modify DB2 objects

- Alter table PPPPER and associated views by executing the DDL members in the following order:
 - a) **Execute** the following new DDL:
 - DDL member TBPER20A to alter table PPPPER.
 - Note: an alternative is to drop table PPPPER and execute modified DDL member TBPER00C to recreate the Table. If this is done, all Indexes and Views must be identified and recreated (and the Drop View in the next step can be skipped).
 - b) **Drop** the following views; (No DDL member has been provided for this):
 - PPPVPER1_PER
 - PPPVPER2_PER
 - PPPVZPER_PER
 - c) **Recreate** the following views by executing these DDL members:
 - DDL member PPPVZPER to create view PPPVZPER_PER
 - DDL member PPPVPER1 to create view PPPVPER1_PER
 - DDL member PPPVPER2 to create view PPPVPER2_PER
- Alter table PPPBAS and associated views by executing the DDL member in the following order:
 - a) **Execute** the following new DDL:
 - DDL member TBBAS14A to alter table PPPBAS.

- Note: an alternative is to drop table PPPBAS and execute modified DDL member TBBAS00C to recreate the Table. If this is done, all Indexes and Views must be identified and recreated (and the Drop View in the next step can be skipped).
- b) **Drop** the following views; (No DDL member has been provided for this):
- PPPVBAS1_BAS
 - PPPVZBAS_BAS
- c) **Recreate** the following views by executing these DDL members:
- DDL member PPPVZBAS to create view PPPVZBAS_BAS
 - DDL member PPPVBAS1 to create view PPPVBAS1_BAS

2. *Include Member Installation*

2.1 Install the following **modified** include members:

Include Members	Installed?
PPPVBAS1	
PPPVZBAS	
PPPVPER1	
PPPVPER2	
PPPVZPER	

3. *Copylib Member Installation*

3.1 Install **modified** copy members:

Copylib Members	Installed?
CPWSRBAS	
CPWSRPER	
CPWSXECP	
CPPDFKEY	

4. *CICS Map Generation*

- 4.1 Install the source code contained in DGIPNL for the maps listed below.
- 4.2 Use SDF II option 6 to generate the BMS macro and the COBOL data structure.
- 4.3 Assemble the BMS macros to produce the physical map description used by CICS/BMS.

DGIPNL Member	Installed?	Generated?	Assembled?
PPIGEN0			
PPEPD10			

PPHPERO			
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5. *COBOL Program Preparation*

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.

"DUAL" programs must be compiled twice and linked into batch and online libraries ("LOADLIB" and "OLOADLIB" respectively). "CICS" programs must be CICS pre-compiled and compiled once and linked into OLOADLIB. "BATCH" programs must be compiled once and linked into the batch LOADLIB only.

Note: Web service programs PS* and PPCANHIR must be compiled using the integrated CICS translator feature of the Cobol compiler. They cannot be compiled with a separate CICS translator step. Sample JCL for compiling CICS programs with the options identified in the notes above can be found in the release JCL library member COMPILER.

5.1 Install, compile, and link the following **modified** programs:

PROGRAM	DB2?	Compile Type	Package Bind?	Done?
PPAPEUFE	Yes	CICS	Yes	
PPAPEUPN	Yes	CICS	Yes	
PPAPEUPU	Yes	CICS	Yes	
PPAPDPN	Yes	CICS	Yes	
PPBASFET	Yes	Batch	No	
PPBASHST	No	Batch	No	
PPBASUPD	Yes	Batch	No	
PPEI740	Yes	Dual	No	
PPIDXHST	Yes	Batch	No	
PPPERCHG	No	Batch	No	
PPPERFET	No	Dual	No	
PPPERUPD	No	Dual	No	
PPPERUTL	Yes	Dual	Yes	
PPPERUTW	Yes	Dual	Yes	
PPP711	Yes	Batch	No	
PPWEHON	Yes	CICS	No	
PPWIGEN	Yes	CICS	Yes	
PPWEPD1	No	CICS	No	
PPWHPER	Yes	CICS	Yes	
PS006	Yes	CICS	Yes	
PS008	Yes	CICS	Yes	
PS012	Yes	CICS	Yes	

6. *Plan Binds*

6.1 Bind the following plans:

Bind Members	Installed?
PPP040	
PPP050	
PPP080	
PPP120	
PPP130	
PPP250	
PPP360	
PPP410	
PPP700	
PPP711	
PPP742	
PPP743	
PPP744	
PPP750	

7. *CICS HELP*

7.1 Import CICS HELP anchors

Import from data in PAYDIST.R1931.HELPPANCH (refer to sample JCL in PAYDIST.R1931.JCL(LOADANCH)).

7.2 Import new CICS field level help

Import from PAYDIST.R1931.HELPPDDSE (Refer to sample JCL in PAYDIST.R1931.JCL(LOADDDSE)).

8. *Process Control Table (PCD) Updates*

8.1 Update the PPPHDE table in the PCD database

Choose either the Batch or Online approach:

- **Batch approach**

- The JCL in PAYDIST.R1931.JCL(LOADHDE) sent with this release contains a step which converts the 'REPLACE' to RESUME YES in the \$\$LOAD member.
- The new data elements 0322, 0323, 0324, 0325, 0326 and 0327 must be added to the PPPHDE Table. The member PPPHDE in PAYDIST.R1931.UDB2HDE contains the single HDE record for inserting into the PPPHDE Table using RESUME YES in the \$\$LOAD member.

- **Online approach**

- The UHDE online function is not a UCROUTER based function, and must be accessed via the local transaction name. At UCOP, the transaction name is PPSA (Payroll/Personnel System Administration); your campus may have a different transaction name defined.

9. Web Application Deployment

- 9.1 If customizations are required to the web services code, download the web services archive file from the release dataset PAYDIST.R1931.WEBSVZIP using binary FTP. Rename the file as PPSWebServices.zip. Import this file into RAD, make the desired changes and create a new .jar file to include in both PPS web applications. If there are no customization required for web service code, this step is not required.
- 9.2 If customizations to EDBInquiry are required, download the source archive file from the release dataset PAYDIST.R1931.EDBIZIP using binary FTP. Rename the file as EDBInquiry.zip. Import this file into RAD, merge with previously coded customizations, and generate the new EDBInquiry.ear file for deployment. If no changes are made to the PPSWebServices components, the new .ear file can be packaged with the original PPSWebServices.jar.
- 9.3 If customizations to EDBInquiry are not required, download the .ear file from the release dataset PAYDIST.R1931.EDBIEAR using binary FTP. Rename the file as EDBInquiry.ear.
- 9.4 Deploy/update the EDBInquiry.ear file to the appropriate web application server.
- 9.5 If customizations to EDBUpdate are required, download the source archive file from the release dataset PAYDIST.R1931.EDBUZIP using binary FTP. Rename the file as EDBUpdate.zip. Import this file into RAD, merge with previously coded customizations, and generate the new EDBUpdate.ear file for deployment. If no changes are made to the PPSWebServices components, the new .ear file can be packaged with the original PPSWebServices.jar.
- 9.6 If customizations to EDBUpdate are not required, download the .ear file from the release dataset PAYDIST.R1931.EDBUEAR using binary FTP. Rename the file as EDBUpdate.ear.
- 9.7 If “Appointment Department Code” is to be made available for data entry in web new hire application, a new campus customization property needs to be added. Open CampusCustomization.properties file in an editor and add the following line at appropriate place (refer to Campus Customization Guide at http://www.ucop.edu/payroll/web-new-hire/maintenance_and_support.html for more details):

`displayApptDepartmentCode: true`
- 9.8 Six new base help and two modified base help is part of this release. If any customized help is required, extract the needed help files. After making appropriate changes, put the files in the help directory (refer to Campus Customization.doc for more details).
- 9.9 Deploy/update the EDBUpdate.ear file to the appropriate web application server.

10. Testing

- 10.1 Perform installation verification testing as described in the Test Plan. In addition, perform any further local testing.

11. Forms

- 11.1 Update UPAY forms

Follow local procedures to implement usage of the following new or modified **UPAY** forms

- UPAY640A

- 11.2 Update HR-maintained UPAY forms

The following document will be modified by Human Resources in conjunction with this release

- U5605

12. Install in Production

- 12.1 Place modified objects in production.

13. Control Table Updates

- 13.1 Execute **PPP004** to update the following DB2 CTL tables with release transactions.

- **Data Element Table (06)** – Use the transactions in CARDLIB (DETPROD).
- **System Messages Table (08)** – Use the transactions in CARDLIB (MSGPROD).
- **Code Translation Table (38)** – Use the transactions in CARDLIB (CTTPROD).
- **Data Element to Screens Table (39)** – Use the transactions in CARDLIB (DESPROD).