Re: Release: 1012
Service Request: 12811
Error Reports: None
Programs: None
DB2 Programs: PPIIVR (new)
CICS Programs: None
Copymembers: CPWSIVRD, CPWSIVRE, CPWSIVRG (all new)
Include Members: None
DDL Members: None
Bind Members: PPIIVR (new)
CICS Maps: None
Forms: None
Table Updates: System Messages Table
Urgency: Date Mandated (See Timing of Installation)

UCOP Benefits is in the process of developing an IVR (Interactive Voice Response) system which will allow employees telephone access to benefits information, including individual enrollments, and which will also allow employees to complete the Open Enrollment process for 1995 through the IVR system rather than through the traditional forms-based process. This IVR system is known as "bencom."

Service Request 12811 calls for the development of an extract program to provide data from the Payroll/Personnel System to bencom. This release provides the necessary Payroll/Personnel system programming to allow the necessary data to be provided to bencom. Note that this extract program must both be capable of extracting a complete set of data from PPS as well as continuing to track and update the data over time as changes are made to any of the fields being extracted.

**DB2 Programs**

**PPIIVR**

The extract is accomplished by a single COBOL program which reads data from both the EDB and the DB2 Control Tables. Data required by bencom is submitted to UCOP in a set of three update files:
1. Employee
2. Dependent
3. Deduction

Using the existing retirement interface program, PPI750, as a model, PPIIVR creates a "history" file corresponding to each of the three update files. PPIIVR runs in two different modes: "All" and "Update".

In "All" mode, PPIIVR processes every employee on the EDB, creates update records for all eligible employees, dependents, and deductions, and creates the corresponding history file records for each update record.

In "Update" mode, PPIIVR processes every employee on the EDB, and for each eligible employee, compares the current data on the EDB with the data in the corresponding history file from the previous run of the program. If the data has not changed, no update records need to be created; the history file records are copied unchanged. On the other hand, if the data has changed, an update record is created and the history record is also updated to reflect the latest data. In terms of change recognition, employee, dependent, and deduction data are processed separately, so that if only dependent data has changed, only dependent update data is sent. The updated history files from the current program execution will become the input files for the next cycle.

For details of the operation of PPIIVR, see the Detailed Design document which accompanies this release.

**Copymembers**

**CPWSIVRE**

CPWSIVRE is the record layout for the Employee Update File.

**CPWSIVRD**

CPWSIVRD is the record layout for the Dependent Update File.

**CPWSIVRG**

CPWSIVRG is the record layout for the Deduction Update File.

**Bind Members**

**PPIIVR**

PPIIVR is the plan bind member for batch program PPIIVR.

**Table Updates**

Updates for the System Messages Table are provided both on UPAY 554 forms and as a machine-readable dataset on the release tape. These updates are for both test and production.
Test Plan

A complete test plan is included with the release. Campuses are encouraged to use the base system test materials, as well as augmenting them with any desired local tests.

Installation Instructions

1. Install new copymembers CPWSIVRE, CPWSIVRD, and CPWSIVRG.
2. Install new plan bind member PPIIVR.
3. DB2 Pre-Compile, compile, and bind new batch program PPIIVR.
4. Execute the supplied test plan.
5. Perform any desired local testing.
6. Review the program's internal table of gross-to-net numbers for any required local changes (see discussion of deduction selection in the Detailed Design), as well as comments in the program for guidance in this area.
7. Install the new copymembers, bind member, and program into production.
8. Update the production System Messages Table, using the supplied transactions. Note that this requires updating the VSAM Control File via program PPP010, then using PPP831 to update the DB2 System Messages Table.

Timing of Installation

Installation of this release is Date Mandated. Campuses must install the extract program, run an "All" mode extract, and submit the three update files to UCOP not later than 5:00 P.M. on August 31, 1995. This set of files will be used to verify that the extract is functioning properly on each campus, as well as to test production processes being implemented at UCOP. It is not necessary for campuses to begin production execution of PPIIVR in "Update" mode at this time.

Campuses are requested to once again run PPIIVR in "All" mode on Monday, September 25, 1995, submitting the three update files to UCOP not later than midnight of that day. This set of files will be used to load bencor's production database, as well as to produce the Open Enrollment mailing to employees. The following day, Tuesday, September 26, 1995, campuses are requested to begin running PPIIVR in "Update" mode at the close of business each working day, submitting the update file set produced from that run to UCOP each night. Further details regarding this production schedule will be sent to campuses in a separate communication.

If there are any questions, please send electronic mail to Jerry.Wilcox@ucop.edu, or call on (510)987-0516.

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