

**Release 1676**

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

**Detail Design**

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## Introduction

Service Request 16974 requests modifications to PPS to support the Online Earnings Statement, which is part of the Employee Systems Initiative project. Employees with Direct Deposit will be able to view and print their earnings statements from the web application UC For Yourself (UCFY); the statements will display the same information (in the same format) as the current paper statements. Employees will need to 'opt-in' to continue receiving the existing paper statements.

Release 1664, Phase 1 of this project, modified PPP420 to produce a new Online Earnings Statement file for all employees currently paid via Direct Deposit. Phase 2 implements the Online Earnings Statement (OES) Indicator. Phase 2 also replaces most of the references to 'Surepay' on reports and screens with 'Direct Deposit'.

These changes affect the following areas:

- New EDB element
- New PAR element
- Population of the new EDB field
- Online and batch EDB Update
- Employee documents
- Online EDB Inquiry
- Web EDB Inquiry
- PAR Inquiry
- Compute and Checkwrite
- Monthly EDB maintenance

## Differences From Original Requirements

The IGNL screen is 'Pay Disposition' instead of 'Check/Direct Deposit Disposition'.

The blank lines above and below the Online Earnings Statement line in IDSP and IDCA do not exist.

The OES Indicator value will be displayed on the web 'Pay Disposition' page as well as the translation. In addition, the Direct Deposit information and the OES Indicator will be displayed whenever the pre-note status is not blank.

The OES Indicator can be updated if the pre-note status is not blank, instead of relying on a pay disposition code of 8 (the pay disposition code is set to 8 only when an employee becomes active in Direct Deposit; the pre-note status is 1 if the employee has enrolled in Direct Deposit, but has not yet had a pre-note sent, 0 if the pre-note has been sent, and 2 when Direct Deposit is active).

The Earnings Statement print override option for the compute was added after consideration of implementation issues. The override option allows locations to print all earnings statements for a compute, regardless of the values of the OES Indicator for each employee. It can be used during the transition period between the installation of this release and the full implementation of printing earnings statements for only those employees who 'opt-in' for a printed earnings statement. It can also be used afterward for any compute for which all earnings statements should be printed.

## Overview of PPS Modifications

### New EDB Element

The Online Earnings Statement (OES) Indicator will be added to the EDB as CHAR(1). It will be carried in the PPPPCM table, and its data element number is 1124. The new element will not be recorded on the HDB.

(DB2 table PPPPCM; views PPPVPCM1, PPPVPCM2, and PPPVZPCM and their INCLUDEs; copyfile CPWSRBEN; programs PPPCM CHG, PPPCMFET, PPPCM UPD, PPPCM UTW, and PPPCMUTL)

### New PAR Element

The OES Indicator will be added to the PAR as CHAR(1). It will be carried in the PPPEUD table.

(DB2 table PPPEUD; views PPPVEUD1 and PPPVZEUD and their INCLUDEs; copyfile CPWPATBL; program PPDB2PAR)

### Population of the New EDB Field

A one-time program will set the OES Indicator to Y for all employees enrolled or enrolling in Direct Deposit (pre-note status is not blank).

(Program PPO1676A)

### Online and Batch EDB Update

The OES Indicator will be entered on ECHK; it will default to Y for an employee who is enrolled or enrolling in Direct Deposit (pre-note status is not blank), unless the value N is explicitly entered. It will default to blank for all other employees.

(Programs PPKEYCHD, PPEC108, and PPWECHK; map PPECHK0)

### Employee Documents

The OES Indicator will be translated as follows for all employees enrolled or enrolling in Direct Deposit:

Y or blank: You will be able to view your earnings statement online.  
N: You will receive a paper copy of your earnings statement.

(Program PPDXSALR)

### Online EDB Inquiry

The OES Indicator will be displayed on IGNL. See SR 16974 for the recommended placement.

(Program PPWIGNL, map PPIGNL0)

### Web EDB Inquiry

The OES Indicator will be displayed on the Pay Disposition page. See SR 16974 for the recommended placement.

(Net.Data includes ppwwidsp.d2w and ppwwids2.d2w)

### Online PAR Inquiry

The OES Indicator will be displayed on IDSP and IDCA. See SR 16974 for the recommended placement.

(Programs PPEUDEXT, PPWIDSP, and PPWIDCA, maps PPIDSP0 and PPIDCA0)

**Compute and Checkwrite**

The OES Indicator will be retrieved from the EDB to include it in the sequential PAR file. If the employee will be paid via Direct Deposit, the employee will receive a printed earnings statement only if the employee's OES Indicator is N or if the earnings statement print override for the compute has been set to Y.

(Program PPP420; copyfile CPWSXPAR; form UPAY641)

**Monthly EDB Maintenance**

Separated employees enrolled in Direct Deposit will have their OES Indicators set to blank when their pay disposition codes are set to the campus default.

(Program PPEM009)

## DB2 Table Changes

One new field will be added to the PPPPCM table:

```
ONLINE_EARN_STMT          CHAR(1) NOT NULL WITH DEFAULT;
```

TBPCM21A will be created to add the column to PPPPCM, and TBPCM00C will be modified to reflect its addition.

Views PPPVPCM1, PPPVPCM2, and PPPVZPCM will be modified to include the new column, and their corresponding INCLUDEs will be modified as well.

The new column is not needed for other PPPPCM views.

One new field will be added to the PPPEUD table:

```
ONLINE_EARN_STMT          CHAR(1) NOT NULL WITH DEFAULT;
```

TBEUD11A will be created to add the column to PPPEUD, and TBEUD00C will be modified to reflect its addition.

Views PPPVEUD1 and PPPVZEUD will be modified to include the new column, and their corresponding INCLUDEs will be modified as well.

## Programs

### PPDB2PAR

PPDB2PAR builds the records for the DB2 PAR file from the sequential PAR file. It was modified to add the OES Indicator to the EUD records (employee-level data).

### PPDXSALR

PPDXSALR generates the salary text block for IDOCs (New or Re-hire, Change-in-Status, Leave of Absence). It was modified to add text for the value of the OES Indicator if the employee is enrolled in Direct Deposit.

### PPEC108

PPEC108 performs the consistency edits for Direct Deposit. It has been modified to set the OES indicator to 'Y' if the employee is enrolling in Direct Deposit (unless the OES Indicator has been explicitly entered as 'N'), and to set the OES indicator to blank if the employee is not enrolling in Direct Deposit.

### PPEM009

PPEM009 sets the pay disposition code to a default value if a separated employee had been enrolled in Direct Deposit. It has been modified to also set the OES Indicator to blank.

### PPEUEXT

PPEUEXT extracts data from the DB2 EUD table for use in PAR Inquiry. It was modified to include the OES Indicator.

### PPKEYCHD

PPKEYCHD is part of the EDB Update process. It was modified to include the OES Indicator in the PCM update.

**PPO1676A (one-time)**

PPO1676A will set the OES Indicator for all employees enrolled or enrolling in Direct Deposit. It will update the values directly on the EDB, and will create an EDB change file when run in UPDATE mode; it will create only the EDB change file when run in REPORT mode.

**PPPCMCHG, PPPCMFET, PPPCMUPD, PPPCMUTW, PPPCMUTL**

PPPCMCHG, PPPCMFET, PPPCMUPD, PPPCMUTW, and PPPCMUTL are the utility programs for the EDB DB2 PCM table. They were modified to handle data element 1124 (ONLINE\_EARN\_STMT).

**PPP420**

PPP420 produces checks, Direct Deposit forms, the reconciliation interface file and reports. It was modified to generate a paper Direct Deposit advice only if the employee has requested it (the OES Indicator is N) or if all Direct Deposit advices for that compute will be printed (override parameter is Y). It was also modified to remove printed references to Surepay and to remove the hard-coded text and severity for messages 42-015, 42-350, 42-351, and 42-357. In addition, the optional alignment forms will no longer be included in the ONLINEST file.

**PPWECHK**

PPWECHK is the screen processor for function ECHK. It was modified to allow the entry of the OES Indicator.

**PPWIGNL**

PPWIGNL is the screen processor for function IGNL. It was modified to display the OES Indicator.

**PPWIDCA**

PPWIDCA is the screen processor for function IDCA. It was modified to display the OES Indicator.

**PPWIDSP**

PPWIDSP is the screen processor for function IDSP. It was modified to display the OES Indicator.

## Copy members

**CPWPATBL**

CPWPATBL defines the interface between PPDB2PAR and PPP465. It was modified to include the OES Indicator (and PAR-SEQ-NO, from Release 1642).

**CPWSRPCM**

CPWSRPCM defines a row of the PPPPCM table. It was modified to include the OES Indicator.

**CPWSXPAR**

CPWSXPAR defines the Payroll Audit Record layout. It was modified to include the OES Indicator.

## CICS Maps

### **PPECHK0**

PPECHK0 is the detail screen for function ECHK. It was modified to allow the entry of the OES Indicator.

### **PPIGNL0**

PPIGNL0 is the detail screen for function IGNL. It was modified to display the OES Indicator.

### **PPIDCA0**

PPIDCA0 is the detail screen for function IDCA. It was modified to display the OES Indicator.

### **PPIDSP0**

PPIDSP0 is the detail screen for function IDSP. It was modified to display the OES Indicator.

## Web Include Members

### **ppwwidsp.d2w and ppwwidsp1.d2w**

ppwwidsp.d2w is the detail web page for the Pay Disposition function; ppwwidsp1.d2w displays the same information, but does not include the Direct Deposit bank account. They were modified to display the OES Indicator if the employee was enrolled or enrolling in Direct Deposit. If an employee is enrolling in Direct Deposit, the Direct Deposit information is now displayed as well as the current pay disposition information.

## CICS Help

### **CICS Help Text:**

The following CICS Help DDSE entries will be added:

- EDB1124 OES Indicator
- PAR2115 OES Indicator

The following CICS Help DDSE entries will be updated:

- EDB0201 pay disposition
- EDB0225 Direct Deposit bank account
- EDB0226 Direct Deposit checking/savings indicator
- EDB0227 Direct Deposit pre-note status
- EDB0228 Direct Deposit active date/cycle
- EDB0229 Direct Deposit pre-note pay cycle
- EDB0230 Direct Deposit bank table key
- EDB5139 vacation leave hours balance – last stub
- EDB5140 sick leave hours balance – last stub
- EDB5141 paid time off hours balance – last stub
- PAR2110 pay disposition
- SPB0500 Direct Deposit transit routing number

The following CICS Help SCRNs will be updated:

- PPECHK0
- PPICLK0
- PPIDCS0
- PPIGNL0
- CTLSPB
- EDB0226G
- PPP0075

**CICS Help Anchors**

The following CICS Help anchors will be updated:

- PPECHK0
- PPIGNL0
- PPIDCA0
- PPIDSP0

## Table Updates

### System Messages Table (MSG – UPAY 554):

Change messages that refer to Surepay.

```
C08P002401      Chk Disp was Direct Deposit-Pay sent directly to bank
C080814901      INCONSISTENT DIRECT DEPOSIT DATA UPDATE
C080814701      DIRECT DEPOSIT-PRENOTE STAT IND MAY NOT BE SET TO 0 IN EDB MAINT
C080814401      DIRECT DEPOSIT - INVALID CHECKING/SAVINGS INDICATOR
C084235101      MISSING REQUIRED DIRECT DEPOSIT INFO, PAYCHECK ISSUED
C084235001      CHK DISP '8' INVALID-CAMPUS NOT ON DIRECT DEPOSIT
C084208901      BANK NUMBER NOT ON DIRECT DEPOSIT BANK TABLE
C084289901      STUB DATA SUMMARIZED. FOR ADD'L INFO, SEE UCFY.
```

### Routine Definition Table (RTD – UPAY 804):

Remove references to Surepay.

```
C37C108PPEC108 DIRECT DEPOSIT
C37I108PPEC108 DIRECT DEPOSIT
```

### Data Element Table (DET – UPAY 553):

Add the OES Indicator.

```
A061  1124  A01  ONLINE EARN ST
C062  1124PPPPCM
C063  1124  VNVY
C064  1124108
C066  1124  108
```

### Data Element to Screen Table (DES – UPAY 815):

Add the OES Indicator.

```
A39  EDB1124ECHKN
```

### Code Translation Table (CTT – UPAY 814):

Add values for the OES Indicator, and remove references to Surepay.

```
C38  EDB0201  8      20Direct Deposit
C38  FUNCODE  ECHK  27Pay Disposition
A38  EDB1124  Y      20Yes
A38  EDB1124  N      20No
```