

**Release 1761
Detailed Design**

**Obsolete Name Change Transactions in EDB Daily
Web/IVR Transactions Process**

Service Request 81793

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Introduction

Service Request 81793

Service Request 81793 asks that the Payroll Personnel System (PPS) be modified to make obsolete the processing of the employee name changes via transaction types 'N1' and 'N2' in the EDB Daily Web/IVR Transactions Process.

Requirements contained in Service Request 81793 are quoted below:

Background:

In 1998, the Employee Systems Implementation (ESI) Planning Committee approved development of a web-based application to allow employees to update certain demographic data, including name, address, and home phone number. Release 1253, dated October 12, 1999, included modifications to the Payroll Personnel System (PPS) to process these change transactions received on the daily transaction file from UCOP.

In 2005, UCOP Payroll Coordination requested that the employee name change functionality be removed from the UC For Yourself (UCFY) web self-service application. Because some locations required employees to submit a name change request to the Social Security Administration prior to changing the data in the PPS, Payroll Managers decided that these name changes should be processed centrally at each campus.

Because transactions for name changes are no longer being sent from UCOP to the campuses, the logic which processes those transactions is obsolete and can be removed. Additionally, report PPP1305, which was a report of name changes received in the daily process, can be made obsolete.

Current Process:

The EDB Daily Web Process which handles the daily feed of transactions from UCOP includes logic to process name change transactions. These transactions (type 'N1' and 'N2') allow for the update of First Name - Employee (EDB0250), Middle Name - Employee (EDB0251), Last Name - Employee (EDB0252), and Name Suffix - Employee (EDB0106).

This process also produces a report, PPP1305 - Employee Name Changes, which details all name change transactions received.

Proposed Process:

The EDB Daily Web Process should be modified to remove logic which edits and reports on name change transactions. The corresponding report, PPP1305, should also be removed.

Overview of PPS Modifications

EDB Daily Web/IVR Transactions Process

This process will be modified such that the logic related to the processing of the employee name changes via transaction types 'N1' and 'N2' will be removed. In addition, Report PPP1305 containing Employee Name Change information produced from module PPESTEDB will be made obsolete.

Currently UCIDMNT is called to update all or parts of the Employee First Name (EDB 0250), Employee Middle Name (EDB 0251), or Employee Name Suffix (EDB 0106), Birth Date, and/or Social Security Number in the UC0IDB table. When an employee's First Name, Employee Middle Name, Employee Last Name (EDB 0252), or Employee Name Suffix (EDB 0106) has changed, the changed value(s) is also updated in the Universal Individual Identification (IID) System via a call to module UCIDMNT (Refer to Release 1253 for detail information). This logic will be removed.

Copylib Members

CPLNKEST

CPLNKEST defines the linkage between the main driver PPP130 and various PPEST* modules.

The report flag field associated with the PPP1305 Report will be removed.

CPWSXESS

CPWSXESS defines working storage for various transaction counts and switches used by EDB Daily Web/IVR processes.

CPWSXESS will be modified such that the fields related to the counts for 'N1' and 'N2' transaction types will be removed.

CPWSXESR

CPWSXESR defines working storage record formats for various transaction error texts issued by the EDB Daily Web Process.

CPWSXESR will be modified such that the formats related to rejected transaction types 'N1' and 'N2' will be removed.

CPWSXEST

CPWSXEST defines specific working storage record layouts for various transactions passed by the Web/IVR processes.

CPWSXEST will be modified such that the record layouts related to transaction types 'N1' and 'N2' will be removed.

Bind Members

PPP130

Module UCIID100 used in the Individual Identification System will be removed from the bind member list.

In addition, module PPESTEDB will be removed from the bind member list.

Program Changes

PPESTEDB

PPESTEDB is executed during the PPP130 Web/IVR daily process to read transactions stored on the PPPEST table which contains the daily IVR, Web sourced transaction images. PPESTEDB contains specific hard-coded transaction types for processing.

This module will be modified such that the logic related to transaction types 'N1' and 'N2' will be removed. Logic that produces the PPP1305 Report (Employee Name Change) will be removed. In addition, the logic that moves the updated Employee First Name (EDB 0250), Employee Middle Name (EDB 0251), Employee Last Name (EDB 0252), and Employee Name Suffix (EDB 0106) to the EXTERNAL copymember CPWSXIID (used in the Individual Identification System) will be removed.

PPESTRP2

PPESTRP2 is executed at the end of the PPP130 Web/IVR daily process to report transaction activity stored on the PPPEST table. That is, total counts by transaction types are reported on the PPESSR2 Report.

This module will be modified such that the logic related to transaction types 'N1' and 'N2' will be removed.

PPESTREJ

PPESTREJ is executed during the PPP130 Web/IVR daily process to report rejected transactions stored on the PPPEST table.

This module will be modified such that the logic related to transaction types 'N1' and 'N2' will be removed.

PPESTUTL

Currently, PPESTUTL is called by PPP130 when the Special Process Mode is '5' (EDB Daily Web/IVR Transactions Process). PPESTUTL reads a flat file of transactions and writes them to the PPPEST Table for processing.

This module will be modified such that the logic related to transaction types 'N1' and 'N2' will be removed.

PPP130

PPP130 is the main driver for Periodic EDB Maintenance, including the special daily IVR and Web sourced data updates. Standard definitions of table rows, saved and current, and change audits are performed for all tables.

PPP130 will be modified such that the logic related to the passing of the Employee First Name, Employee Middle Name, Employee Last Name, and Employee Name Suffix to the IID System will be removed in the special EDB Daily Web/IVR Transactions Process. In addition, the logic that moves the updated

Employee First Name (EDB 0250), Employee Middle Name (EDB 0251), Employee Last Name (EDB 0252), and Employee Name Suffix (EDB 0106) to the EXTERNAL copymember UCIDWSMT will be removed as well as removing the call to UCIIDMNT. In addition, references made to message 13-061 (ERROR ENCOUNTERED UPDATING IID MAIN TABLE) will be removed.

JCL Changes

PPP130

The JCL that executes program PPP130 related to the EDB Daily Web/IVR Transactions Process will be modified such that the DD Name of "**PPP1305**" and any related attributes will be removed.

System Control Table Updates

System Messages Table

Message 13-061 (ERROR ENCOUNTERED UPDATING IID MAIN TABLE) will be deleted from this table.