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Error Report 1381

Release 973, among others things, established a method for relating E1/E3 Expense Transfers to Work Study processing. During the Compute the fund number on an E1 or E3 transaction is used to access the Work Study Plan (WSP) table to determine if the fund is associated with a currently valid Work Study plan code. If so the transfer gross amount is manipulated using the Work Study split percentage for that Work Study plan code and fund, and the employee's year-to-date work study gross is adjusted up or down accordingly.

PPP876 reads the Month PAR and the previous Year-to-Date Financial Aid Reporting file and creates an updated Year-to-Date Financial Aid Reporting file. It uses logic similar to the Compute to determine whether an E1/E3 Expense Transfer affects work study, and also manipulates the transfer gross amount using the split percentage, and reports that adjusted amount.

When a fund number on the WSP is retained from a previous year, and is reused for a different plan code in the current year, and the current plan code sorts after the previously linked but still valid plan code, the logic incorrectly determines that the E1/E3 fund is not work study related.
PPWSPUTL is called by PPGRSFIN during the Compute to access the VSAM WSP table. PPWSPUT2 is called from PPP876 to access the DB2 WSP and WSF tables. Both have been changed to correctly identify the current Work Study plan code that should be associated with a fund number for the pay period end date of the Expense Transfer.

Note: the logic in both of the utility programs searches the WSP table for a fund which matches the E1/E3 fund, and which has a begin date equal to or prior to the E1 pay period end date and an end date greater than or equal to the pay period end date. If data from previous fiscal years is retained on the WSP table, the "technical" result may not match the "functional" expectations of the system. For example, fund 12345 is associated with plan A, has a begin date of 7/1/1994 and an end date of 12/31/9999. This fiscal year, fund 12345 is associated with plan B, but has a begin date of 10/1/95 and an end date of 12/31/9999. An E1/E3 transfer for fund 12345 for pay period end date 7/31/95 would be a valid transfer against plan A and would be processed. The "functional" intent might have been that fund 12345 was not valid in the current 9596 fiscal year until 10/1/1995. If that is so, the old fund row either must be deleted or its end date must be changed to 06/30/1995.

Programs

PPGRSFIN

PPGRSFIN processes earnings distributions during PPP390 Compute processing to determine whether a distribution is related to work study. If it is, the employee’s Year-to-Date Gross on the PPPFNW table is incremented or decremented, as appropriate. If Work Study Limits is in effect, the gross amount is split into work study and department portions. After the YTD gross reaches the Work Study Limit, the entire gross is charged to the department.

The code that processes E1/E3 Expense Transfers calls program PPWSPUTL to determine whether the Fund on the distribution (either the E1 or E3 or both distributions) is work study related. The E1 pay period end date is now passed and a new function is now requested of PPWSPUTL. This triggers new code in PPWSPUTL that finds the Work Study Plan in effect for the date passed for that fund.

PPWSPUTL

PPWSPUTL is a utility program which returns requested data from VSAM Work Study Plan table. Various functional paths can be requested by the calling program. A new function to check funds for Work Study Plan code has been added. A passed fund and date (E1 pay period end date in this case) are compared to the plan funds, begin and end dates. It finds the plan associated with the fund that has the latest begin date that is less than or equal to the passed date and an end date greater than or equal to the passed date.

DB2 Programs

PPP876

PPP876 creates a new Year-to-Date Financial Aid file from the previous file and the Month PAR. The file is used as input to FOCUS Execs which create Financial Aid Reporting.

The code that processes E1/E3 Expense Transfers calls program PPWSPUT2 to determine whether the Fund on the distribution (either the E1 or E3 or both distributions) is work study related. The E1 pay period end date is now passed and a new function is now requested of PPWSPUT2. This triggers new code in PPWSPUT2 that finds the Work Study Plan in effect for the date passed for that fund.
PPWSPUT2

PPWSPUT2 is a utility program which returns requested data from the DB2 Work Study Plan (PPPWSP) and Fund (PPPWSF) tables. Various functional paths can be requested by the calling program. A new function to check funds for Work Study Plan code has been added. A passed fund and date (E1 pay period end date in this case) are compared to the plan funds, begin and end dates. It finds the plan associated with the fund that has the latest begin date that is less than or equal to the passed date and an end date greater than or equal to the passed date.

Copymembers

CPWSXWSI

CPWSXWSI defines the linkage between calling programs and the PPWSPUTL utility programs. An 88 value XWSI-CHECK-FUND-WSP has been added to the requested function field. This allows calling programs to trigger new logic in the utility program which returns the correct current Work Study Plan code, if any, for a supplied fund number and date.

CPWSZWSI

CPWSZWSI defines the linkage between calling programs and the PPWSPUT2 utility programs. An 88 value XWSI-CHECK-FUND-WSP has been added to the requested function field. This allows calling programs to trigger new logic in the utility program which returns the correct current Work Study Plan code, if any, for a supplied fund number and date.

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

A separate set of Installation Instructions is included with the release.

Timing of Installation

The installation of this release is not urgent. However, if Financial Aid reporting is being used locally and Release 973 has been installed, this release should be installed as soon as possible to avoid possible errors in reporting E1/E3 Expense Transfers that affect Work Study funds.

As usual, campuses are encouraged to install this release in as timely a fashion as possible, and in the normal numeric sequence of releases.

If there are any questions, please send electronic mail to Phil.Thompson@ucop.edu, or call at (510) 987-0468.

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