

Release 1758
Detailed Design

Maximum OASDI Gross Limit Size Increase
Service Request 81808

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Introduction

Service Request 81808

Currently, System Parameter Entry 001 (Maximum OASDI Gross Limit) contains a value of 97500.0000 for the current tax year of 2007. However, the largest possible parameter value that the System Parameter Table can hold is 99999.9999. Thus, a problem arises when the Maximum OASDI Gross Limit is greater than 99,999.99 beginning with future tax years.

Service Request 81808 asks that modifications be made to the Payroll Personnel System (PPS) so that the largest Maximum OASDI Gross Limit can be up to a value of 9,999,999.99. There is an existing mechanism in the Compute Process where System Parameter Entry 010 (Maximum Medicare Gross Limit) value is multiplied by 100, and the calculated result is compared to the employee's YTD Medicare Gross (EDB 5510). Thus, the same mechanism should be established to multiply the Maximum OASDI Gross Limit value from the System Parameter Table by 100 and use the calculated result to compare to the employee's YTD OASDI Gross (EDB 5503). For example, a Maximum OASDI Gross Limit of **\$103,500.00** can be stored on the System Parameter Table as a parameter value of **01035.0000**. The parameter value should be multiplied by 100 in the appropriate processes to yield a Maximum OASDI Gross Limit value of 103,500.00 for comparing against the employee's YTD OASDI Gross.

Overview of PPS Modifications

Compute Process

When the parameter value stored in System Parameter Entry 001 (Maximum OASDI Gross Limit) is utilized in the Compute Process, the parameter Maximum OASDI Gross Limit value will be multiplied by 100 and the calculated result will be transferred to the linkage area defined in copy member CPLNKNET.

Note that the Maximum OASDI Gross Limit value stored in the linkage defined in copymember CPLNKNET will be transferred to the related Maximum OASDI Gross Limit field of the linkages defined in copymembers CPLNKFIC and CPLNKSH.

Rush Checks Process

When the parameter value stored in System Parameter Entry 001 (Maximum OASDI Gross Limit) is utilized in the Rush Checks Process, the parameter Maximum OASDI Gross Limit value will be multiplied by 100 and the calculated result will be transferred to the linkage area defined in copy member CPLNKNET.

Note that the Maximum OASDI Gross Limit value stored in the linkage defined in copymember CPLNKNET will be transferred to the related Maximum OASDI Gross Limit field of the linkages defined in copymembers CPLNKFIC and CPLNKSH.

Periodic Monthly Maintenance Process

This process will be modified such that after the parameter Maximum OASDI Gross Limit is transferred to the existing working storage Maximum OASDI Gross Limit field, the working storage Maximum OASDI Gross Limit value will be multiplied by 100, and the calculated result will be used to compare against the employee's YTD OASDI Gross.

W-2 Reporting Process

Currently, the Maximum OASDI Gross Limit taken from System Parameter Entry 001 is used in the formula to calculate the Maximum OASDI Tax.

This process will be modified such that the parameter Maximum OASDI Gross Limit value stored in System Parameter table Entry 001 will be multiplied by 100, and the calculated result will be used in the formula to calculate the Maximum OASDI Tax.

Copylib Members

CPLNKNET

CPLNKNET defines working storage for linkage between PPP400 and various PPNET* modules.

The picture length of 5 defined in the dollar portion of the Maximum OASDI Gross field will be expanded to a length of 7.

CPLNKSH

This existing copymember defines linkage between modules PPBENSH and PPNETCLC, where PPBENSH is called to calculate the Safe Harbor DCP Casual deductions.

The picture length of 5 defined in the dollar portion of the Maximum OASDI Gross field will be expanded to a length of 7.

CPWSXFIC

CPWSXFIC defines working storage for linkage between PPFICA and various PPNETCLC modules, where module PPFICA is called to calculate the OASDI and Medicare deductions.

The picture length of 5 defined in the dollar portion of the OASDI Gross field will be expanded to a length of 7.

Program Changes

PPBENUCR

Module PPBENUCR is called to calculate the current Basic and DCP deductions as well as Regents Reduction for the batch Gross-to-Net process and Rush Checks. It is also called by the Gross-to-Net process to post C-O-H activity to associated historic UCRP balances.

This module will be modified such that after the parameter Maximum OASDI Gross Limit is transferred to the working storage Maximum OASDI Gross Limit field, the working storage Maximum OASDI Gross Limit value will be multiplied by 100, and the calculated result will be used to compare against the employee's YTD OASDI Gross.

PPEM101

Currently, module PPEM101 is executed in the Periodic Monthly Maintenance Process. This module does the Taxable Executive Life Premium Insurance calculation. An internal System Parameter Array containing system parameter entries from 1 to 369 is passed into this module as an EXTERNAL. The parameter Maximum OASDI Gross Limit is transferred to a working storage field defined with a picture length of 5 in the dollar portion of the field length definition.

This module will be modified such that after the parameter Maximum OASDI Gross Limit is transferred to the working storage Maximum OASDI Gross Limit field, the working storage Maximum OASDI Gross Limit value will be multiplied by 100, and the calculated result will be used to compare against the employee's YTD OASDI Gross.

PPP390

PPP390 is the main driver in the Compute process to evaluate earnings and calculate grosses by calling various PPGRS* modules.

This program will be modified as follows:

After calling PPPRMUT2 to return the value of the Maximum OASDI Gross Limit, the Maximum OASDI Gross Limit will be multiplied by 100, and the calculated result will be moved to the linkage defined in CPLNKGRS, similar to the logic when the Maximum Medicare Gross Limit value is returned from PPPRMUT2. For example, a value of **00975.0000** stored in System Parameter Entry 001 will be multiplied by 100 to give a calculated result of **97,500.00**.

PPP400

Currently, PPP400 is the main driver for Compute deduction and net pay calculations by calling the various PPNET* modules.

This program will be modified as follows:

After calling PPPRMUT2 to return the value of the Maximum OASDI Gross Limit, the parameter Maximum OASDI Gross Limit will be multiplied by 100 and the calculated result will be moved to the

linkage defined in CPLNKNET, similar to the logic where the parameter Maximum Medicare Gross Limit value is multiplied by 100 and moved to the linkage defined in CPLNKNET.

PPP420

PPP420 performs the check and surepay advice print.

PPP420 will be modified as follows:

- The defined length of PIC **S9(05)V9(04)** related to the maximum OASDI Gross Limit in the working storage area will be changed to PIC **S9(07)V9(04)**.
- The parameter Maximum OASDI Gross Limit value stored in System Parameter Table Entry 001 will be multiplied by 100, and the calculated result will be used to compare against the employee's YTD OASDI Gross.

PPRCOPT1

PPRCOPT1 is the main driver for the Rush Checks Compute deduction and net pay calculations. The CICS on line function is OPT1. An internal System Parameter Array is developed containing system parameter data in entries 1 through 369.

PPRCOPT1 will be modified such that the Maximum OASDI Gross Limit in System Parameter table Entry 001 will be multiplied by 100, and the calculated result will be moved to the linkages defined in CPLNKNET and CPLNKGR1.

PPRCOPT2

PPRCOPT2 is the main driver for update processor for function OPT2. An internal System Parameter Array is developed containing system parameter data in entries 1 through 369.

PPRCOPT2 will be modified such that the Maximum OASDI Gross Limit in System Parameter table Entry 001 will be multiplied by 100, and the calculated result will be moved to the linkages defined in CPLNKNET and CPLNKGR1.

PPTAXEDB

Currently, this module extracts data for the W-2 Extract File, and is used in the W-2 Reporting Process.

PPTAXEDB will be modified as follows:

- The defined length of PIC **S9(05)V9(04)** related to the maximum OASDI Gross Limit in the working storage area will be changed to PIC **S9(07)V9(04)**.
- The parameter Maximum OASDI Gross Limit value stored in System Parameter table Entry 001 will be multiplied by 100, and the calculated result will be used in the formula to calculate the Maximum OASDI Tax.

CICS Screen Functions

No changes will be required on the INBI, IBAL, IRTR, and IGRS screens that display the related OASDI Grosses. Currently, these screens can display OASDI Gross amounts up to a limit of **999,999.99** or **9,999,999.99**.

CICS Help Screen Updates

CICS Help Screen (PPP0080)

The format of “**nn,nnn.nn**” in the Format section of the existing CICS Help Screen Entry in member PPP0080 will be modified such that the format will be changed to “**nnn,nnn.nn**”.

System Control Table Updates

System Parameter Table

Since the appropriate programs are modified to multiply the parameter Maximum OASDI Gross Limit value in System Parameter Entry 001 by 100, the existing Maximum OASDI Gross Limit value of **97500.0000** for calendar year 2007 will be changed to **00975.0000**.