



OFFICE OF THE SENIOR VICE PRESIDENT —
BUSINESS AND FINANCE

OFFICE OF THE PRESIDENT
1111 Franklin Street
Oakland, California 94607-5200

January 30, 2006

MABEL LAI
BEATRICE CARDONA
BARBARA VANDEN BORRE

HAI DOAN
RENATA ELLIS

Re:	Release:	1687
	Service Request:	16993
	Programs:	PP1042S, PP1042SE, PP1042SF, PP1042SP, PP1042SR, PP1042ST
	CICS Programs:	None
	Copy members:	CPFD1042, CPLN142F, CPLN142T, CPWS142E
	Include Members:	None
	DDL Members:	None
	Bind Members:	None
	CICS Maps:	None
	Forms:	1042-S Laser Forms
	Table Updates:	None
	Urgency:	Date mandated (See Timing of Installation)

This release addresses the following Service Request:

Service Request 16993

Service Request 16993 asks that modifications be made to the 1042-S Reporting Process for tax year 2005. This year's changes will be made to the Form 1042-S, Magnetic Media, and the addition of Postdoctoral Scholar tax reporting through the Payroll Personnel System (PPS). The PPS needs the following changes:

- 1042-S Tax Reporting File :

Increase the length of the file to 372 from 355 to accommodate Postdoctoral Scholar employees.

Exclude employees with Citizen Code 'X' from the 1042-S extract selection.

Extract Exemption Code, Income Code, Recipient Code, Tax Rate, FWT Tax, and Fellowship Gross for non-zero Fellowship Gross for Postdoctoral Scholars 1042-S processing.

- 1042-S Laser Form:

Change the year displayed on the 1042-S Laser Form from 2004 to 2005.

Format the printing of zero tax rate from 0 to 00.00 and add Postdoctoral Scholars into the 1042-S forms processing.

- 1042-S Magnetic Media:

Populate and write the "Q" record for Postdoctoral Scholars with positive Fellowship Gross (DE# 5555).

Return Final Totals for Postdoctoral Scholars to the calling program for reporting purposes.

- Reporting Changes:

Add Fellowship Gross (DE# 5555) and Fellowship Tax (GTN 636) to the extract totals summary report PPP7303.

Add final totals for Post Docs from 1042S Forms printing, 1042S Microfiche file, and 1042S Federal tape to the Totals Reporting report PPP7305.

Add edits to Post Docs data and add Post Docs to the Detail 1042S Report (PPP7308) and Edit Error Listing Report (PPP7309).

Programs

PP1042S

PP1042S is the 1042S driver program, which controls the calling of modules PP1042ST, PP1042SF, and PP1042SR. This program is changed to increase sort-extract data length to 372 to be the same length as copy member CPWS142E. Additionally, Fellowship Gross (DE# 5555) and Fellowship Tax (GTN 636) have been added to the PPP7305 report.

PP1042SE

Program PP1042SE calls the appropriate modules to extract 1042S data from the EDB and/or the Accounts Payable Interface file. It also produces an extract summary PPP7303, which shows all reportable balances on the EDB, as well as breaking these balances down and indicating which are reportable, which are exceptions, and so forth. This program is changed to add Fellowship Gross (DE# 5555) and Fellowship Tax (GTN 636) to the PPP7303 report.

PP1042SF

Program PP1042SF performs the production of 1042S forms and tape file for microfiche. This program is changed to format the zero tax rate from 0 to 00.00, add post docs into the 1042-S forms processing, and populate the final totals for post docs for returning to the calling program.

PP1042SP

Program PP1042SP extracts 1042S data from the EDB and produces the 1042S Tax Reporting file as the output. This program is changed to exclude employees with Citizen Code 'X' from the 1042S extract selection. It is also changed to populate Exemption Code, Income Code, Recipient Code, Tax Rate, FWT Tax, and Fellowship Gross for non-zero Fellowship Gross for Post Docs 1042S processing.

PP1042SR

Program PP1042SR edits the 1042S tax reporting record from EDB Extract and AP System. It performs the formatting and printing the Detail 1042S Report (PPP7308) and Edit Error Listing Report (PPP7309). This program is changed to add Post Docs edits and add Post Docs to reports PPP7308 and PPP7309.

PP1042ST

PP1042ST is a program used for annual 1042 reporting to the IRS. It is designed to be called by the program PP1042S to produce 1042 tape file. This program is changed to populate and write the "Q" record for post docs with positive Fellowship Gross (DE# 5555) and Final Totals are returned to the calling program.

Copylib Changes

CPFD1042

This copy member has the File Definition for 1042-S extract record. The length of this record is changed from 355 to 372 bytes.

CPLN142F

This copy member is the linkage record between the calling program and PP1042SF 1042-S form printing program. Final Totals for post doc employees are added to this linkage record.

CPLN142T

This copy member is the linkage record between the calling program and PP1042ST Magnetic Media file program. Final Totals for post doc employees are added to this linkage record.

CPWS142E

This copy member is the record layout for the 1042-S reporting extract file. We have added Exemption Code, Income Code, Recipient Code, Tax Rate, FWT Tax, and Fellowship Gross for Post Docs 1042S processing into this extract file.

JCL

The requirement for a change in the year on the magnetic media is met by updating the SPEC Card in the JCL for PPP730 to "05" in column 12-13. See the UPAY847 form. No program changes are required.

The existing JCL to execute PPP730 needs the following change because of the record length increase (LRECL for DD S1042FL should be changed to 372).

```
//S1042FL DD DSN=PAYBCC.RLSE.X1042FLE,  
//      DISP=(NEW,CATLG,CATLG),  
//      UNIT=SYSDA,  
//      SPACE=(TRK,(2,10),RLSE),  
//      DCB=(LRECL=372,RECFM=FB)
```

Same change is needed for the JCL PPP722 for the DD name O1042FL.

Test Plan

A complete test plan is provided with this release.

Campuses are encouraged to use the base system test materials, as well as performing any other desired local tests.

Installation Instructions

1. Copy Member Changes

Modify the following copymembers.

- CPFD1042
- CPLN142F
- CPLN142T
- CPWS142E

2. Program Preparation

Note: At UCOP, all COBOL programs pass through the DB2 pre-compiler, whether or not the program contains embedded SQL, to resolve INCLUDE references. Your site may have different requirements.

Note: "DUAL" programs must be compiled twice and linked into batch and online libraries ("LOADLIB" and "OLOADLIB" respectively), DUAL-ONLINE programs must be compiled once only and linked into the online library. "CICS" programs must be CICS pre-compiled and compiled once and linked into OLOADLIB. "BATCH" programs must be compiled once and linked into the batch LOADLIB only.

a) Compile, and link the *modified* program listed below:

Program Name	DB2?	Compile	Package Bind?	Done?
PP1042S	No	BATCH	No	
PP1042SE	No	BATCH	No	
PP1042SF	No	BATCH	No	
PP1042SP	Yes	BATCH	Plan	
PP1042SR	No	BATCH	No	
PP1042ST	No	BATCH	No	

b) Pre-compile, compile, link and bind the programs identified in the table below. This table includes all **UNMODIFIED** programs which must be compiled and indicates whether DB2 precompilation is necessary. Programs which have "BATCH" under the column heading "Compile" must be compiled once and linked into the batch library (LOADLIB). Programs which have "DUAL" under the column heading "Compile" must be compiled and linked into both batch and on-line load library (LOADLIB and OLOADLIB). If a BIND is required, it is indicated in the table under the heading "Bind".

PROGRAM	DB2 Pre-Compile	Compile	Bind	Done?
PP1042SI	Yes	BATCH	Plan	
PPP722	Yes	BATCH	Plan	

c) Bind the following Plans.

Bind Plans	Done?
PPP730	
PPP722	

3. Testing

Perform installation verification testing as described in the Test Plan.

Perform any desired additional campus testing.

4. 1042-S Laser Form - Employee Copy B and C and Employer Copy E

At UCOP, the Overlay Generation Language (OGL) software is used to assemble the 1042-S form used for testing and the Print Services Facility (PSF) is used to assemble the FormDefs and PageDefs. Your campus may have different procedures.

The 1042-S **Employee Copy B and C** FormDefs (*FIALNA05*) and PageDefs (*PIALNA05*) source for 2005 are in the PAYDIST.R1687.FDEFPDEF library. The source pre-assembled OGL commands (*ALNA05*) is in the PAYDIST.R1687.OGLLIB library.

The 1042-S **Employer Copy E** FormDefs (*FIALNB05*) and PageDefs (*PIALNB05*) source for 2005 are in the PAYDIST.R1687.FDEFPDEF library. The source pre-assembled OGL commands (*ALNB05*) is in the PAYDIST.R1687.OGLLIB library.

Timing of Installation

The installation of this release is date-mandated.

This release must be installed in time for the distribution of the Form 1042-S, whether filed on paper, electronically, or on magnetic media to the IRS by March 15, 2006. The Form 1042-S must also be furnished to the recipient on or before March 15, 2006.

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 Baskar.Chitravel@ucop.edu, or call (510) 987-0692.

Baskar Chitravel