

# Secure Payment System

**“What’s New”**

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This document explains “what’s new” with the next release of Secure Payment System (SPS RelP 14.0) from the perspective of **SPS DEO** and **CO** user roles. This new release provides many functional enhancements to the SPS Application..

*This new release is expected to be in production June 22, 2009.*

### *DEO and CO Roles – Enhancements to “Rules of Behavior” functionality*

A new button (and a new option under “SPS” menu item) has been added to the main screens for all SPS users (Figure 1) to let users see and print the exact text of the “SPS Rules of Behavior” agreement.



**Figure 1: “View Rules of Behavior” Button**

The response to clicking the "View Rules of Behavior" button is a popup window that displays the exact text of the agreement along with details about users' acceptance (Figure 2).

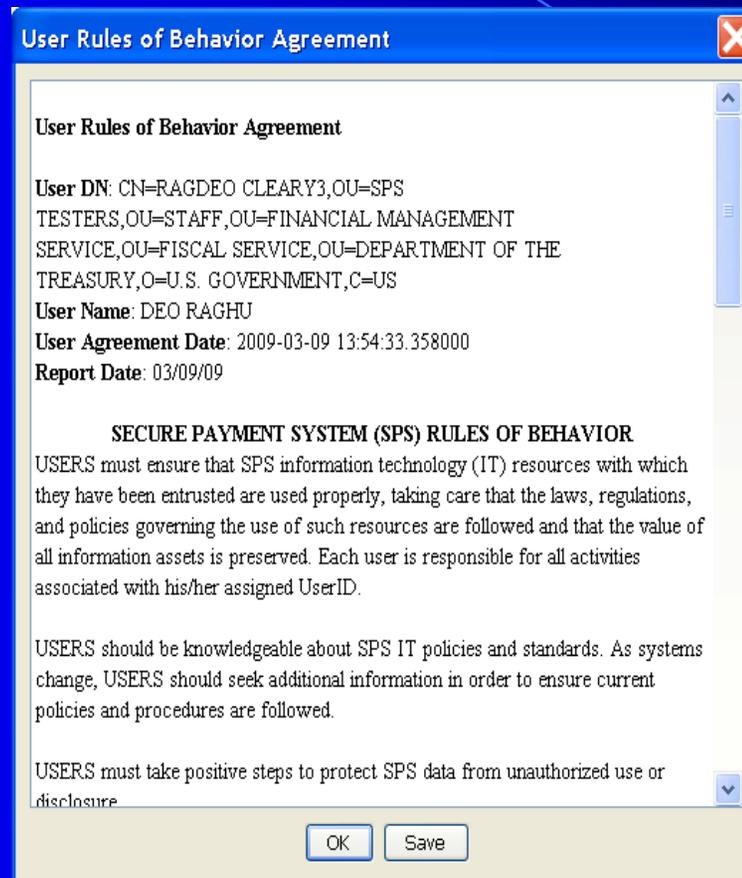


Figure 2: "User Rules of Behavior Agreement" Pop-up

***DEO and CO Roles – Provide visual boundaries for row data in table displays***

When there are multiple of rows of data, it is not easy to identify all of the data for one particular row as the user scans the data. The enhancement is a visual aid for users to identify data in table rows. SPS Tables will have an alternating row color pattern where the rows' background color will alternate white-gray (Figure 3).

Schedule Number	Type/Sub-type	Office Number (ALC)	State	State Date	Date Created Last Edited	Number of Payments	Total Amount
00000000TEST1	Check Vendor	00008280	Editable	01/22/2008	01/22/2008	2	\$1,000.00
00000000TEST2	Summary	00008280	Editable	01/22/2008	01/22/2008	20,000	\$10,500.00
0000000AS-LS10	ACH Salary	00008283	Editable	05/24/2007	05/24/2007	2	\$4.98
0000000AS-LS12	ACH Salary	00008283	Editable	01/22/2008	01/22/2008	2	\$4.98
0000000AS-LS13	ACH Salary	00008283	Editable	01/22/2008	01/22/2008	2	\$4.98
0000000AS-LS14	ACH Salary	00008283	Editable	01/22/2008	01/22/2008	2	\$4.98
0000000AS-LS15	ACH Salary	00008283	Editable	01/22/2008	01/22/2008	2	\$4.98
0000000AS-LS16	ACH Salary	00008283	Editable	01/22/2008	01/22/2008	2	\$4.98
0000000AS-LS17	ACH Salary	00008283	Editable	01/22/2008	01/22/2008	2	\$4.98
0000000AS-LS18	ACH Salary	00008283	Editable	01/22/2008	01/22/2008	2	\$4.98
0000000AS-LS19	ACH Salary	00008283	Editable	01/22/2008	01/22/2008	2	\$4.98
0000000AS-LS20	ACH Salary	00008283	Editable	01/22/2008	01/22/2008	2	\$4.98
0000000SS-LS11	Summary	00008283	Editable	01/22/2008	01/22/2008	1,000	\$1,000.00
0000000SS-LS12	Summary	00008283	Editable	01/22/2008	01/22/2008	1,000	\$1,000.00
0000000SS-LS13	Summary	00008283	Editable	01/22/2008	01/22/2008	1,000	\$1,000.00

**Figure 3: Visual boundaries for row data in SPS Tables**

***DEO and CO Roles – “Print Details for Multiple Schedules from Main Screen”***

An enhancement to allow printing details for multiple highlighted schedules from DEO and CO Main Screens. This currently exists in the “View Extracted Schedules Screen” and is now extended to the “Main Screen” as well. (Note that users can highlight multiple schedules by clicking on the schedules while holding the “Control” key down (Figure 4).)

0000000AS-LS13	ACH Salary	00008283	Editable	01/22/2008	01/22/2008	2	\$4.98
0000000AS-LS14	ACH Salary	00008283	Editable	01/22/2008	01/22/2008	2	\$4.98
0000000AS-LS15	ACH Salary	00008283	Editable	01/22/2008	01/22/2008	2	\$4.98
0000000AS-LS16	ACH Salary	00008283	Editable	01/22/2008	01/22/2008	2	\$4.98
0000000AS-LS17	ACH Salary	00008283	Editable	01/22/2008	01/22/2008	2	\$4.98
0000000AS-LS18	ACH Salary	00008283	Editable	01/22/2008	01/22/2008	2	\$4.98
0000000AS-LS19	ACH Salary	00008283	Editable	01/22/2008	01/22/2008	2	\$4.98
0000000AS-LS20	ACH Salary	00008283	Editable	01/22/2008	01/22/2008	2	\$4.98
0000000SS-LS18	Summary	00008283	Editable	01/22/2008	01/22/2008	1,000	\$1,000.00
0000000TESTPFC	SDPR	00008280	Editable	06/12/2007	06/12/2007	1	\$60,000,000.00
0000000VC-LS11	Check Vendor	00008283	Editable	01/22/2008	01/22/2008	3	\$899.97
0000000VC-LS12	Check Vendor	00008283	Editable	01/22/2008	01/22/2008	3	\$899.97
0000000VC-LS13	Check Vendor	00008283	Editable	01/22/2008	01/22/2008	3	\$899.97
0000000VC-LS14	Check Vendor	00008283	Editable	01/22/2008	01/22/2008	3	\$899.97
0000000VC-LS15	Check Vendor	00008283	Editable	01/22/2008	01/22/2008	3	\$899.97
0000000VC-LS16	Check Vendor	00008283	Editable	01/22/2008	01/22/2008	3	\$899.97
0000000VC-LS17	Check Vendor	00008283	Editable	01/22/2008	01/22/2008	3	\$899.97

**Figure 4: Highlighting multiple schedules**

***DEO and CO Roles – “Print Details Schedules show Schedule State Text”***

An enhancement has been made to print the actual schedule state name when schedule detail print action is performed (Figure 5).

```
SPS Printout                      SDPR Detail                      FPA: SRFC
User: RAGHU3 KFC CO (CO)
Time/Date of this Print: 03/09/2009 13:25 EDT

-----

CO Phone Number: 12121212
ALC: 00008283                      Sched Num: 0000TEST052207
Number of Payments: 1                Total: $100,000,000.00
Schedule State: Auto Extracted       Payment Date: 05/22/2007
  Agency Name:                      SANFRAN FPA FOR
  Agency Billing Address 1: RFC TRAINING
  Agency Billing Address 2: LINE 2
  Agency Billing Address 3: LINE 3
  Agency Phone Number:

*****
Last DEO Action Details                Last CO Action Details
Action: Pending Certify                Action: Certified
Name: DEO RAGHU                        Name: RAGHU3 KFC CO
Time/Date: 06/05/2007 14:10 EDT       Time/Date: 03/09/2009 12:45 EDT
*****
Approp Remarks 1:
```

**Figure 5: Schedule Detail Printouts now show actual Schedule State names**

### ***DEO Role – Removal of “Large Dollar Amount Notification” Popup for Same Day Payment-type Schedules***

The existing popup, that appears when a DEO creates, saves or submits to CO of Same Day Payment type schedule that have individual payment amounts that exceed \$50,000,000.00, has been removed. This functionality now appears for CO users when they are about to certify SDPR schedules.

### ***CO Role – New “SPS Schedule Large Dollar Notification Warning” Popup for all Schedules***

A new popup window appears when a CO user certifies any schedule-type that have individual payment amounts that exceed \$50,000,000.00. CO users are required to acknowledge the popup window by clicking the “OK” button before they can continue with the certification process (Figure 6).

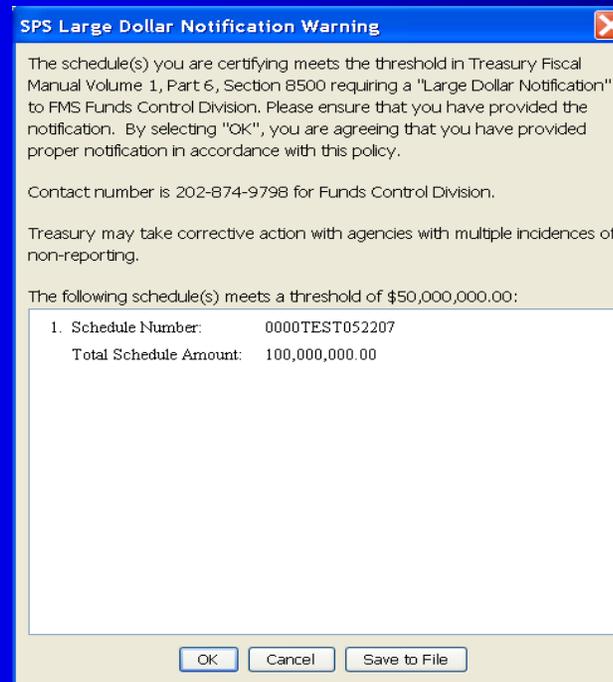


Figure 6: "SPS Large Dollar Notification Warning" for all Schedule-types

### *DEO Role – Constraints on “Payment Date Field Value for Summary Type Schedules”*

When creating or editing a Summary (or a Summary Prenote) schedule, the “Payment Date” field is now validated for the date value. The date value entered can not be in the past nor can it be more than 25 days into the future (Figure 7).

The screenshot shows a software interface for creating a Summary-type schedule. The form includes the following fields:

- Schedule Type: Summary
- Total Amount: \$60,000,000.00
- Destination RFC\*: KFC
- Office Number (ALC)\*: 99999991
- Schedule Number\*: 000000SKTEST14
- Total Number of Payments\*: 100

Below these fields is a "Schedule Details" section with the following fields:

- Payment Date (MM/DD/YYYY)\*: 04/22/2009
- Summary Type Codes\*: Allotments (A)
- Sub-Type Codes\*: Check (C)
- Control Number\*: C123456

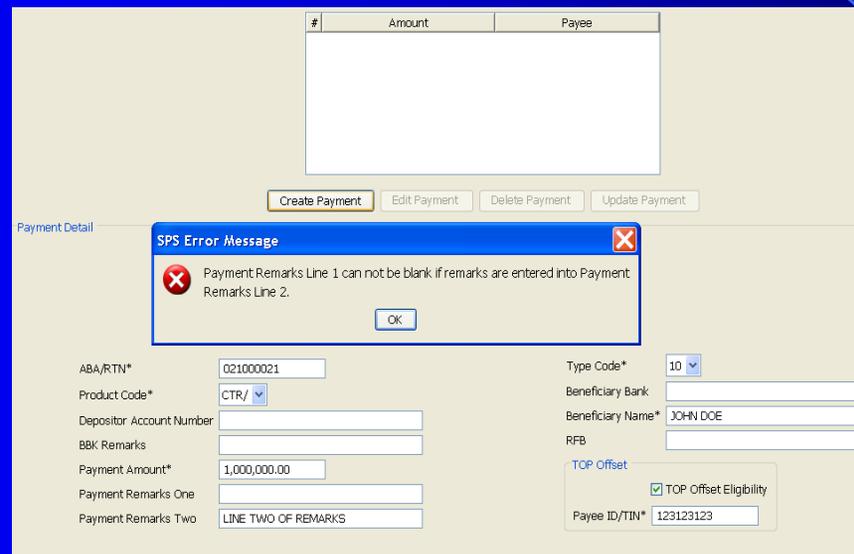
An "SPS Error Message" dialog box is overlaid on the form, displaying a red "X" icon and the text: "Payment date must be between today's date and 25 days in the future." with an "OK" button.

Figure 7: Payment Date Field Validation for Summary-type schedules

Similar constraints are built into the “Upload” action for Summary-type schedules.

### ***DEO Role – Constraints on “Payment Remarks Field Values for SDPR”***

When creating or updating a SDPR payment, the “Payment Remarks One” and “Payment Remarks Two” fields are now validated for their values. The “Payment Remarks One” value can not be blank if the “Payment Remarks Two” value is not blank (Figure 8).



The screenshot shows a web-based payment form with an error message dialog box overlaid. The dialog box, titled "SPS Error Message", contains the text: "Payment Remarks Line 1 can not be blank if remarks are entered into Payment Remarks Line 2." Below the dialog box, the form fields are visible:

#	Amount	Payee

Buttons: Create Payment, Edit Payment, Delete Payment, Update Payment

Payment Detail

SPS Error Message

Payment Remarks Line 1 can not be blank if remarks are entered into Payment Remarks Line 2.

OK

ABA/RTN\* 021000021 Type Code\* 10

Product Code\* CTR/ Beneficiary Bank

Depositor Account Number Beneficiary Name\* JOHN DOE

BBK Remarks RFB

Payment Amount\* 1,000,000.00 TOP Offset

Payment Remarks One  TOP Offset Eligibility

Payment Remarks Two LINE TWO OF REMARKS Payee ID/TIN\* 123123123

**Figure 8: Payment Remarks Field Validations for SDPR schedules**

Similar constraints are built into the “Upload” action for SDPR schedules.

### DEO and CO Roles – “View Extracted Schedules” Screen Filtering

An enhancement has been made to allow users to select the date range when viewing the schedules in Extracted state. The default display of the “View Extracted Schedules” screen is now changed to show schedules that are extracted on the current day. New buttons (and new options under “Action” menu item) are added to “Select Date Range” and to “Reset Data Range” for DEO and CO users to filter the schedules based on a date range or reset the date range so that the default view is presented (Figure 9).



Figure 9: "Select Date Range" Button in the "View Extracted Schedules" Screen

The response to clicking the “Select Date Range” button is a popup window that allows users to select a “From Date” and a “To Date” to set the date range for viewing the schedules in Extracted state (Figure 10). The “Calendar” button next to the date value allows users to select the desired date.

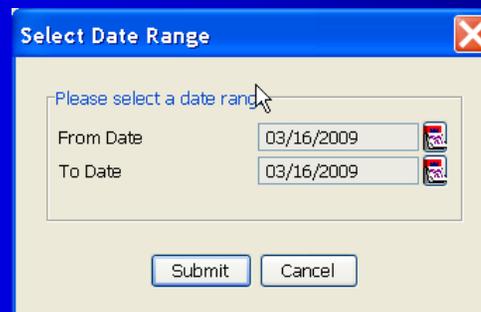


Figure 10: "Select Date Range" Popup

The response to clicking a “Calendar” button is a popup window that allows users to select a desired date value for the “From Date” or the “To Date” (Figure 11 and Figure 12).

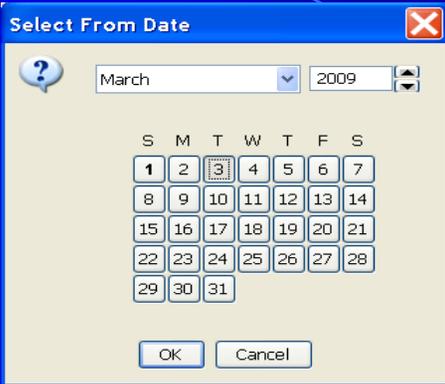


Figure 11: Calendar object to select a desired “From Date” value

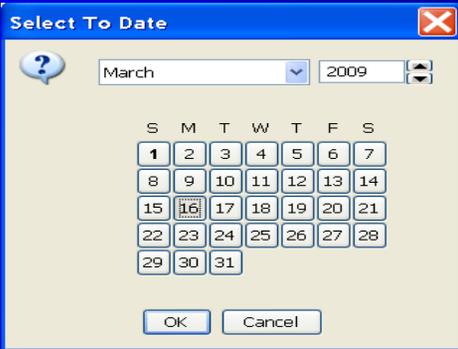


Figure 12: Calendar object to select a desired “To Date” value

The response to clicking the “Submit” button (Figure 10) is to set the date range of the “View Extracted Schedules” so that the extracted schedules from the selected “From Date” to the selected “To Date” are displayed (both dates inclusive) (Figure 13).

Version: RELQ14  
 User: RAGHU3 KFC CO (CO)\*\*\*LIVE\*\*\*  
 FPA: SRFC  
 Filter: Extracted Schedules between 03/03/2009 and 03/16/2009  
 Screen: View Extracted Schedules  
 Sort: Print Disposition, Extract Disposition, Schedule Number

Schedule Number	Pseudo-Live	Type/Sub-type	Destination RFC	Office Number (ALC)	Print Disposition	Extract Disposition	State	State Date	Print Sequence Number	Extract Number	Date Created Last Edited	Number of Payments	Total Amount
0000000SS-LS13	No	Summary	SFC	00008283	SUCCESS	SUCCESS	Extract...	03/10/2009	15490	230	03/09/2009	1,000	\$1,000.00
0000000SS-LS14	No	Summary	SFC	00008283	SUCCESS	SUCCESS	Extract...	03/10/2009	15491	230	03/09/2009	1,000	\$1,000.00
0000000SS-LS15	No	Summary	SFC	00008283	SUCCESS	SUCCESS	Extract...	03/10/2009	15492	230	03/09/2009	1,000	\$1,000.00
0000TEST052207	No	SDPR	SFC	00008283	SUCCESS	SUCCESS	Extract...	03/10/2009	12714	230	06/05/2007	1	\$100,000,000.00
0000000SS-LS11	No	Summary	SFC	00008283	SUCCESS	N/A	Auto E...	03/16/2009	16094	-----	03/16/2009	1,000	\$1,000.00
0000000SS-LS12	No	Summary	SFC	00008283	SUCCESS	N/A	Auto E...	03/16/2009	16095	-----	03/16/2009	1,000	\$1,000.00
0000000SS-LS16	No	Summary	SFC	00008283	SUCCESS	N/A	Auto E...	03/16/2009	16096	-----	03/16/2009	1,000	\$1,000.00

Figure 13: "View Extracted Schedules" screen after filtering based on a date range

The response to clicking the “Reset” button (from the “View Extracted Schedules” screen) is to set the date range of the “View Extracted Schedules” so that the extracted schedules from the current date are displayed. Note that the “Reset” button is enabled only when the view is modified to show schedules from a user selected date range.

### DEO and CO Roles – “Save to File from View Extracted Schedules Screen” Enhancement

An enhancement has been made to allow “Save to File” of the summary details and schedule details from “View Extracted Schedules Screen”. New buttons (and a new options under “Action” menu item) are added to the “View Extracted Schedules” screen to allow DEO and CO users to “Save to File” Schedule Summary Details and (one or multiple) Schedule Details (Figure 14). The content is saved in PDF format in the C:\SPS\logs directory and a confirmation popup is presented to show the location and the name of the saved file (Figure 15).

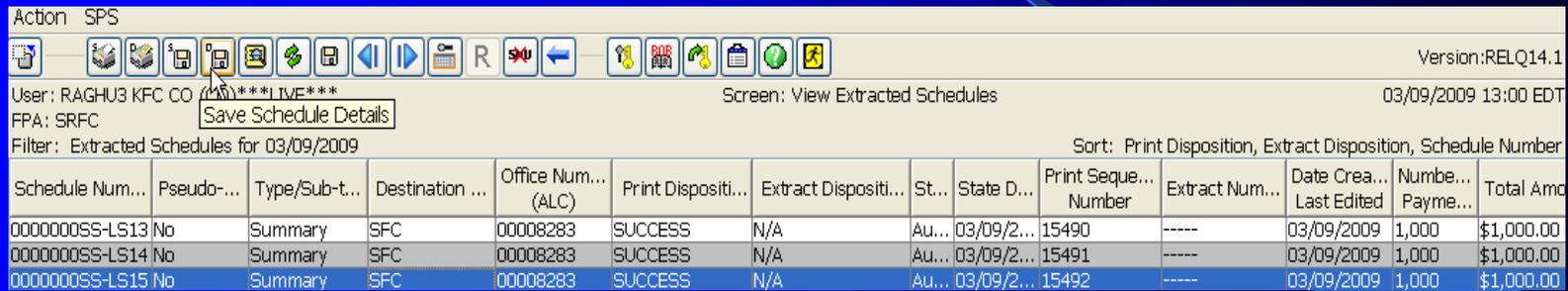


Figure 14: "Save to File" buttons from "View Extracted Schedules" Screen

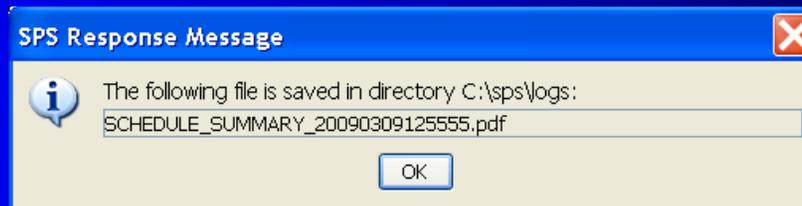


Figure 15: Confirmation Screen after a "Save to File" Action

### *CO Role – Schedule Number Reuse for Summary-type Schedules Enhancement*

This enhancement has been created to enable the FPAs and FMS to handle the problems arising from the “submission of Summary-type schedules with incorrect information” through the SPS certification process. An example of submitting incorrect information is when the payment amount in the SPS certification is incorrect and does not match with the payment amount on the “Bulk file” submitted directly to FMS. This kind of error prevents FMS from further processing those payments and currently requires a manual process involving: a) FMS rejecting the incorrect SPS certification, b) the FPA providing FMS with a written request to resubmit a correct SPS certification with a “slightly” changed SPS Schedule Number, and c) the FPA submitting a new SPS certification with correct information, etc.

With the enhancement to SPS provided in this release, FPA Certifying Officers have the capability for requesting a “SNU Removal” of a SPS Summary Certification that is deemed to contain incorrect information and the corresponding “Bulk file” is still left unprocessed/unpaid. (Usually, a Regional Financial Center personnel would be the first to catch this error and contact the FPA to make them aware of this problem situation.) A new button (and a new option under “Action” menu item) has been added to the “View Extracted Schedules” screen to allow a CO user to “Request Removal of SNU Entry” on a single Summary-type schedule that has been certified within the last five days (Figure 16).

Version: RELQ14.  
 03/16/2009 12:18 ED

User: RAGHUB KFC CO (CO)\*\*\*LIVE\*\*\*  
 FPA: SRFC  
 Filter: Extracted Schedules for 03/16/2009

Screen: View Extracted Schedules  
 Sort: Print Disposition, Extract Disposition, Schedule Number

Schedule Number	Pseudo-Live	Type/Sub-type	Destination RFC	Office Number (ALC)	Print Disposition	Extract Disposition	State	State Date	Print Sequence Number	Extract Number	Date Created Last Edited	Number of Payments	Total Amount
000000SS-LS11	No	Summary	SFC	00008283	SUCCESS	N/A	Auto E...	03/16/2009	16094	-----	03/16/2009	1,000	\$1,000.00
000000SS-LS12	No	Summary	SFC	00008283	SUCCESS	N/A	Auto E...	03/16/2009	16095	-----	03/16/2009	1,000	\$1,000.00
000000SS-LS16	No	Summary	SFC	00008283	SUCCESS	N/A	Auto E...	03/16/2009	16096	-----	03/16/2009	1,000	\$1,000.00

**Figure 16: "Request to Removal of SNU Entry" button in the "View Extracted Schedules" screen**

The response to clicking the “Request Removal of SNU Entry” button is to prompt the user to confirm the request (Figure 17). A CO user can click on “Submit” button to continue with the request or click on “Cancel” button to cancel the request and return to the “View Extracted Schedules” screen.

**Request Removal of SNU Entry Confirmation**

Please confirm your request pertaining to the following schedule.

**Schedule Details**

FPAID	SRFC
FPA Name	SANFRAN TEST FPA
Schedule Number	000000SS-LS12
ALC	00008283
Destination RFC	SFC
Total Dollar Amount	\$1,000.00
Number of Payments	1,000
Payment Date	02/05/2002
Control Number	A102011
DEO	DEO RAGHU
Requesting CO	RAGHU3 KFC CO
Schedule State	Auto Extracted
Schedule State Date	03/16/2009

**Verify**

I have verified that the above schedule has not been paid. I am officially requesting that the SNU entry for this schedule be removed to re-create this schedule with the same schedule number for further processing.

Figure 17: "Request Removal of SNU Entry Confirmation" Popup

The response to clicking the "Submit" button in the "Request Removal of SNU Entry Confirmation" popup is to prompt the user to re-confirm the request (Figure 18). A CO user can click on the "Yes" button to continue with the request or click on the "No" button to cancel the request and return to the "View Extracted Schedules" screen.

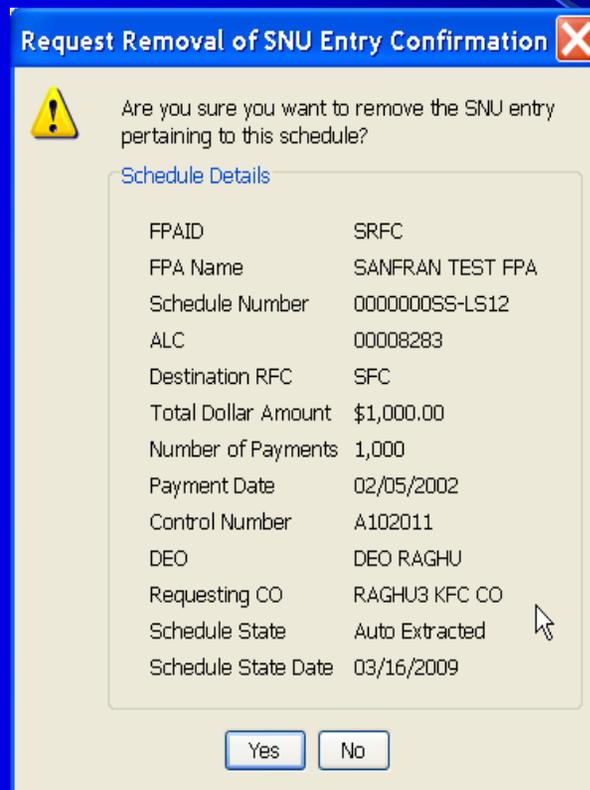
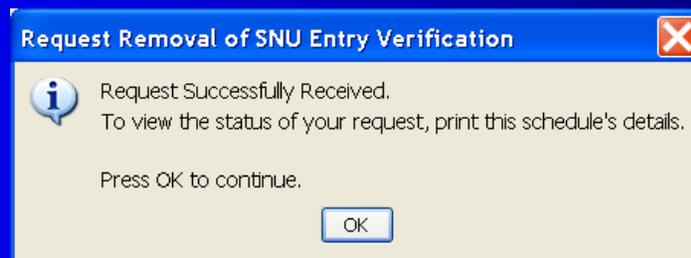


Figure 18: "Request Removal of SNU Entry (Re-)Confirmation" Popup

The response to clicking the “Yes” button in the “Request Removal of SNU Entry (Re-)Confirmation” popup is to present a popup indicating that the request has been received by FMS for further evaluation by RFC personnel (Figure 19).



**Figure 19: Immediate response to submitting a "Request Removal of SNU Entry"**

The request is now in "Pending" status while it is reviewed by RFC personnel and can be approved or rejected as deemed appropriate. A CO can find out about the status of a pending request by printing the details of the schedule (Figure 20) from "View Extracted Schedules" screen or by clicking on the "Request Removal of SNU Entry" on the schedule (Figure 21).

```
SPS Printout                               Summary Detail                               FPA: SRFC
User: RAGHU3 KFC CO (CO)
Time/Date of this Print: 03/16/2009 13:02 EDT

-----
ALC: 00008283                               Sched Num: 0000000SS-LS12
Number of Payments: 1,000                     Dest RFC: SFC                               Total: $1,000.00
Schedule State: Auto Extracted
Agency Information
  Agency Name:                               SANFRAN FPA FOR
  Agency Billing Address 1: RFC TRAINING
  Agency Billing Address 2: LINE 2
  Agency Billing Address 3: LINE 3
  Agency Phone Number:
*****
Last DEO Action Details                       Last CO Action Details
Action: Pending Certify                       Action: Certified
Name: DEO RAGHU                               Name: RAGHU3 KFC CO
Time/Date: 03/16/2009 11:26 EDT               Time/Date: 03/16/2009 11:40 EDT
*****
SNU Reuse Request Information
Current Status: PENDING                       Status Date: 03/16/2009 12:45 EDT
*****
Requested Payment Date: 02/05/2002           Control Number: A10201
Summary Type Code: IDRS Daily Tax             Sub-Type Code: Check
```

Figure 20: Schedule Detail Printout showing a "Request Removal of SNU Entry" in "Pending" Status

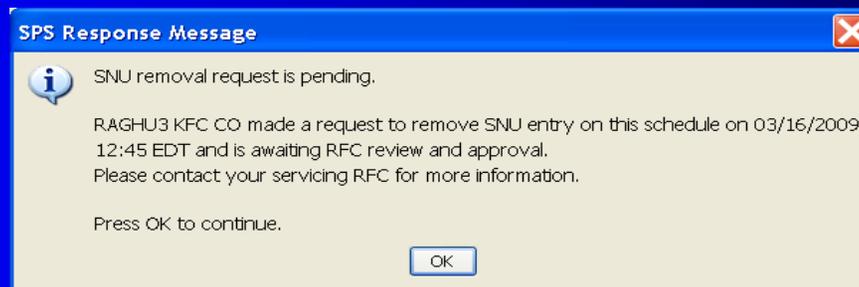


Figure 21: Popup response showing a "Request Removal of SNU Entry" in "Pending" Status

After the request has been reviewed by RFC Personnel and accepted, the status of the request shows up as "Approved" as seen by printing the details of the schedule (Figure 22) from "View Extracted Schedules" screen or by clicking on the "Request Removal of SNU Entry" on the schedule (Figure 23).

```
SPS Printout                               Summary Detail                               FPA: SRF
User: RAGHU3 KFC CO (CO)
Time/Date of this Print: 03/16/2009 14:07 EDT

-----
ALC: 00008283                               Sched Num: 0000000SS-LS10
Number of Payments: 1,000                     Dest RFC: SFC                               Total: $1,000.00
Schedule State: Auto Extracted

Agency Information
Agency Name:                                SANFRAN FPA FOR
Agency Billing Address 1: RFC TRAINING
Agency Billing Address 2: LINE 2
Agency Billing Address 3: LINE 3
Agency Phone Number:

*****
Last DEO Action Details                       Last CO Action Details
Action: Pending Certify                       Action: Certified
Name: DEO RAGHU                               Name: RAGHU3 KFC CO
Time/Date: 03/16/2009 11:26 EDT               Time/Date: 03/16/2009 11:41 EDT
*****

SNU Reuse Request Information
Current Status: APPROVED                      Status Date: 03/16/2009 13:53 EDT
*****
Requested Payment Date: 02/05/2002           Control Number: A10201
Summary Type Code: IDRS Daily Tax            Sub-Type Code: Check
```

Figure 22: Schedule Detail Printout showing a "Request Removal of SNU Entry" in "Approved" Status



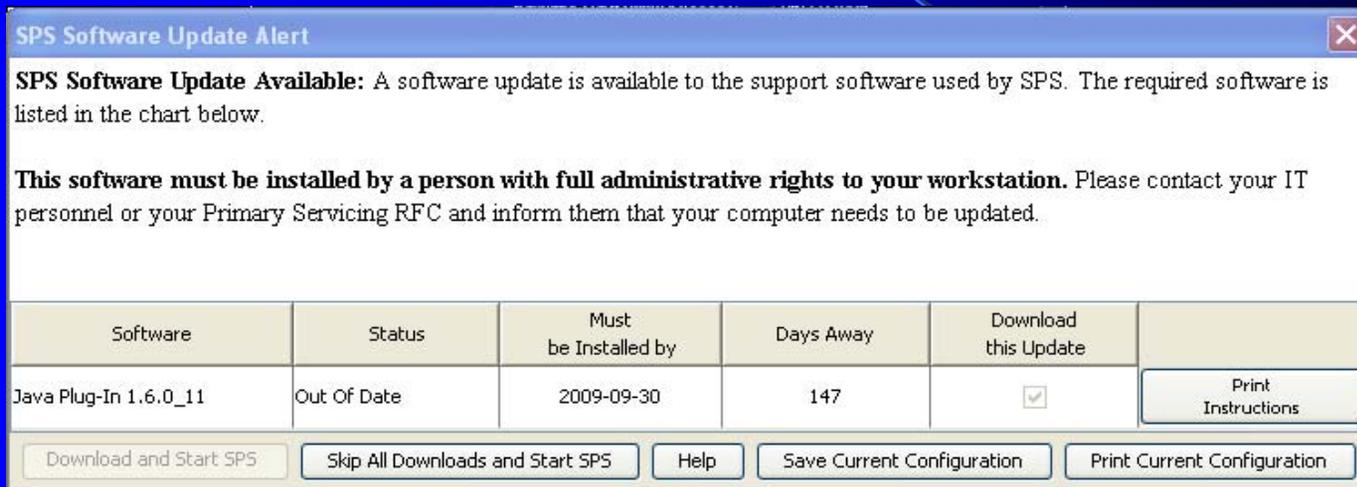
Figure 23: Popup response showing a "Request Removal of SNU Entry" in "Approved" Status

Once the request has been accepted, the FPA can create a new SPS schedule using the same schedule number and complete the certification with the correct information in the schedule.

NOTE: The schedule number reuse process can only be performed once on a schedule.

### *All Roles – Java Plug-in version support for SPS*

SPS supports Java Plug-in versions 1.6.0\_11 and 1.5.0\_11. While version 1.5.0\_11 is installed when SPS Self-Contained Installation is used, 1.6.0\_11 is the preferred version for SPS Web Installations. Current SPS Web Installation users who have Java Plug-in version 1.5.x\_y will see a popup during their login process informing them of the newer version of Java Plug-in that can be used (Figure 24).



**Figure 24: "SPS Software Update Alert" about a newer Java Plug-in version (1.6.0\_11)**

All SPS Web users are requested to update their Java Plug-in to version 1.6.0\_11 by using the latest SPS Installation CD. Note that SPS no longer supports the Java Plug-in versions 1.3.x\_y or 1.4.x\_y.

### *Upcoming Changes to SPS*

The next release of SPS is expected to offer modifications arising from the “Payment Application Modernization” efforts currently underway at FMS. For this next release, the DEO and CO functionality is likely to remain the same except for some minor changes. Windows XP (with latest patches and updates) is the only supported Operating System for SPS. The support for Windows XP is expected to continue for the foreseeable future. SPS does not currently support Windows Vista. Please refer to SPS Website <http://www.fms.treas.gov/sps> for additional information.