



F E D E R A L
S T U D E N T A I D

We Help Put America Through School

FSA Modernization Partner

NSLDS II Reengineering
Procedures Detail Design:
Federal Receivables
P-FDRC-1

Version 1.0

November 08, 2002

Table of Contents

1	Federal Receivables Process (FDRC)	2
1.1	ONLINE FEDERAL RECEIVABLES REQUEST INITIATOR (WEB SCREEN)	3
1.1.1	Procedure Specifications	3
1.1.2	Procedure Flow	3
1.1.3	Computational Logic – Input Requested Parameters	3
1.1.3.1	Inputs	4
1.1.3.2	Outputs	5
1.1.4	Procedure Assumptions	6
1.2	FEDERAL RECEIVABLES DETAIL EXTRACT AND SUMMARIZE	7
1.2.1	Procedure Specifications	7
1.2.2	Procedure Flow	8
1.2.3	Computational Logic - Define Report Parameters	8
1.2.3.1	Inputs	9
1.2.3.2	Outputs	11
1.2.4	Computational Logic – Extract Detail Data	12
1.2.4.1	Inputs	14
1.2.4.2	Outputs	16
1.2.4.3	Definitions	18
1.2.5	Computational Logic – Calculate FDRC Summary	19
1.2.5.1	Inputs	20
1.2.5.2	Outputs	20
1.2.5.3	Definitions	22
1.2.6	Procedure Assumptions	23
1.3	INDIVIDUAL GA FEDERAL RECEIVABLES LOAN DETAIL FILE CREATE, TRANSMIT, AND BACKUP ..	24
1.3.1	Procedure Specifications	24
1.3.2	Procedure Flow	24
1.3.3	Computational Logic – Generate FDRCAMF Detail	25
1.3.3.1	Inputs	26
1.3.3.2	Outputs	27
1.3.4	Procedure Assumptions	32

Document Control

Version Number	Description	Release Date	Author
1.0	Initial Issue	11/08/2002	David Marker

1 Federal Receivables Process (FDRC)

The U.S. Department of Education (DOE) maintains information on receivable principle and interest balances for each of the Guaranty Agencies (GA) that service FFEL Student Loans. The Department has chosen to create a monthly extract that is sent to each GA detailing the outstanding principle and interest amounts on the loans they service. The GA can use this information to verify that their own records show the same outstanding balances.

The Federal Receivables process is scheduled to run in default mode on the 60th day following the end of each fiscal quarter. Federal Student Aid (FSA) may also initiate the Federal Receivables process in request mode for a single GA or for all GAs.

The Federal Receivables Process consists of the following procedures:

- Online Federal Receivables Request Initiator (Web Screen) (**Section 1.1**)
- Federal Receivables Detail Extract and Summarize (**Section 1.2**)
 - Define Report Parameters
 - Extract Detail Data
 - Calculate Federal Receivables Summary
- Individual GA Federal Receivables Loan Detail File Create, Transmit, and Backup (**Section 1.3**)

1.1 Online Federal Receivables Request Initiator (Web Screen)

1.1.1 Procedure Specifications

Procedure Name:	Online Federal Receivables Request Initiator
Procedure Short Description:	This is a web data entry screen that facilitates the entry of parameters for Federal Receivables computation
Data Source:	Authorized FSA or NSLDS II users manually enter data through a web interface
Procedure Frequency:	5-6 times a year
Detailed Technical Requirement References:	5.179
Output Media:	DB2 EEE RPT_PARM and RPT_PARM_ATT tables. Variables sent to kick off AMF Detail Extract and Summarize (Section 1.2)
Output Target Platform:	NSLDS II DB2 EEE
Output Storage Requirements:	1 entry for RPT_PARM table and 4 entries for RPT_PARM_ATT table created for each requested run are stored permanently
Related Screens:	MBR012 (See NSLDS II Reengineering Screens Detail Design: Exception Reports Section 3.16 Federal Receivables Extract Report Parameter)

1.1.2 Procedure Flow

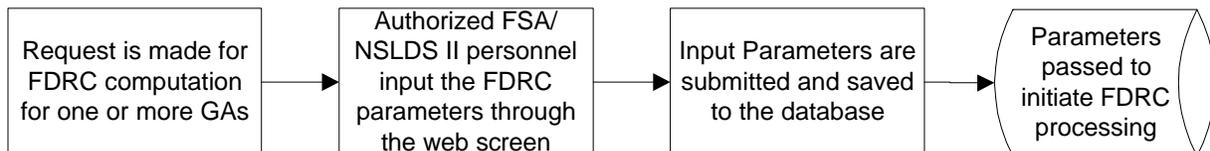


Figure 1. Online FDRC Request Initiator

1.1.3 Computational Logic – Input Requested Parameters

/*Request is made for FDRC computation for one or more GAs*/

/*Authorized FSA/NSLDS II personnel input the FDRC parameters through the web screen */

Web Screen captures following data fields:

Fiscal Year

Reporting Quarter – Quarter for which to calculate the FDRC

GA Code – single GA or '*' for All GAs

GA Over Ride Indicator – Y or N

Official Run Indicator – Y or N

Back Up Data to GA – Y or N

/* Note: See Screen Detail Design for validations (e.g. GA Code must exist in GA table and unless Over Ride Indicator = Y then the GA.ACT_CODE must = spaces)*/

/* Input Parameters are submitted and saved to the database */
Create a RPT_PARM

Create RPT_PARM_ATTR for the given Report Parameter

Set SEQ = 1

Set NUM_VAL to Input Fiscal Year

Set SEQ = 2

Set CHAR_VAL to Input Reporting Quarter

Set SEQ = 3

Set CHAR_VAL to Input GA Code

Set SEQ = 4

Set CHAR_VAL to Input GA Over Ride Indicator

Set SEQ = 5

Set CHAR_VAL to Official Run Indicator

Set SEQ = 6

Set CHAR_VAL to Input Back Up Data to GA

/* Parameters passed to initiate AMF processing */

Call *Federal Receivables Detail Extract and Summarize* procedure and pass RPT_ID and PARM_TSTAMP as variables

NOTE: the scheduled Federal Receivables process is initiated by calling the Federal Detail Extract and Summarize procedure with the following Report Parameters:

RPT_ID = MBR012

PARAM TSTAMP = 2999-12-31:00:00:00

1.1.3.1 Inputs

Web Input Screen



Report List

Logged on as: ALLISON WEBSTER from [Department of Education Region 0](#)

Return to Report List

ID: [MBR012](#) Type: Report
Name: FEDERAL RECEIVABLES EXTRACT

Go to Report Log

Report Parameters

FISCAL YEAR:	<input type="text"/>	CCYY
REPORTING QUARTER:	<input type="text"/>	g
GA CODE (* = ALL):	* <input type="text"/>	<input type="button" value="Org Search"/>
GA OVER RIDE INDICATOR:	<input type="text" value="N"/>	
OFFICIAL RUN (Y/N):	<input type="text" value="N"/>	
BACK UP DATA TO GA:	<input type="text" value="N"/>	
Sort By:	1 GA CODE	
Output Medium:	<input type="text" value="-Select-"/>	

1.1.3.2 Outputs

RPT_PARM (Database Output values also passed to initiate Federal Receivables Detail Extract and Summarize procedure – RPT_ID_VAR & PARM_TSTAMP_VAR)

Data Element	Length	Type	Description	Mapping
RPT_ID	6	C	Used to distinguish between AMF, LPIF, and Federal Receivables extract.	"MBR012"
PARM_TSTAMP	10	T	Date web inputs were entered	System Time Stamp
UID	8	C	User of ID of requesting Individual	Pulled from requesting user's log on

RPT_PARM_ATTR

Data Element	Length	Type	Description	Mapping
RPT_PARM_RPT_ID	6	C	Used to distinguish between AMF, LPIF, and Federal Receivables extract.	RPT_PARM.RPT_ID

Data Element	Length	Type	Description	Mapping
RPT_PARM_T STAMP	10	T	Date web inputs were entered	RPT_PARM.PARM TSTAMP
SEQ	2	N	Generic field used to give an ID for a report attribute	Sequence numbers 1-6 are populated, see section 1.1.3 logic
CHAR_VAL	40	C	Generic field used to give a character value for a report attribute	Sequence numbers 1-6 are populated, see section 1.1.3 logic
NUM_VAL	12	N	Generic field used to give a numeric value for a report attribute	Sequence numbers 1-6 are populated, see section 1.1.3 logic
DT_VAL	10	T	Generic field used to give a date value for a report attribute	Sequence numbers 1-6 are populated, see section 1.1.3 logic

1.1.4 Procedure Assumptions

#	Assumption
1	Any requests made for recalculating the FDRC for a previous Fiscal Quarter are run using the current (as of run date) NSLDS data
2	The scheduled mode is set to run on the 60 th day after the end of the Fiscal Quarter regardless of any FDRC requests activity

1.2 Federal Receivables Detail Extract and Summarize

1.2.1 Procedure Specifications

Procedure Name:	Federal Receivables Detail Extract and Summarize
Procedure Short Description:	The procedure first determines a report begin and end date. Based on this time period, the matching data from Loan, Loan Guarantor, Guaranty Agency, and Loan Cancellation are retrieved. The procedure populates this detail data in a temporary table and then summarizes it to populate the GA Summary table.
Data Source:	Report ID and Parameter Timestamp passed as part of Schedule or Request initiation. Database tables with Loan, Student, School, and GA data.
Procedure Frequency:	On Request (5-6 times a year); Scheduled at end of each fiscal quarter
Detailed Technical Requirement References:	5.179
Output Media:	DB2 EEE FDRC_DETAIL_TEMP and GA_SUM Tables
Output Target Platform:	NSLDS II DB2 EEE
Output Storage Requirements:	GA_SUM table data stored permanently
Related Screens:	MBR012 (See NSLDS II Reengineering Screens Detail Design: Exception Reports Section 3.16 Federal Receivables Extract Report Parameter)

1.2.2 Procedure Flow

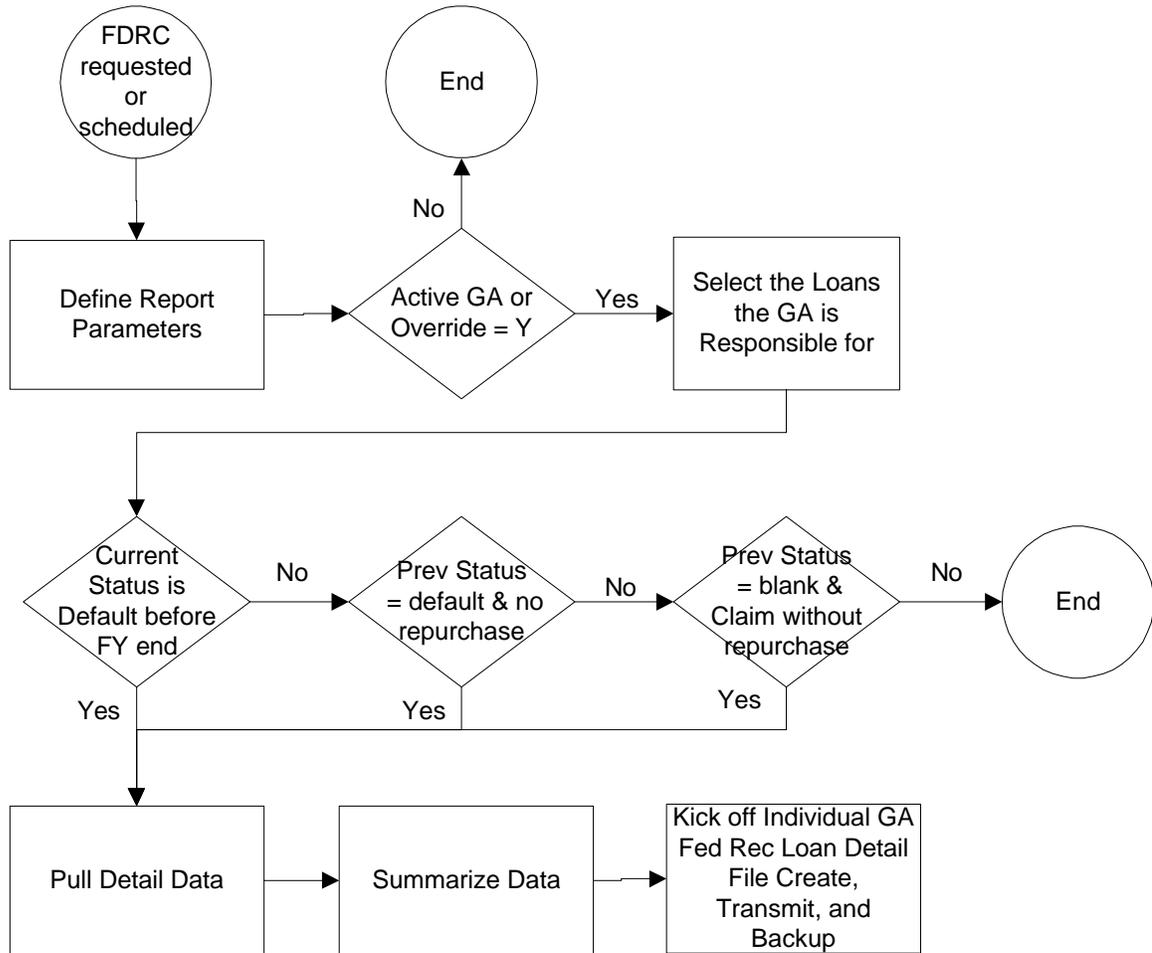


Figure 2, FDRC Detail Extract and Summarize

1.2.3 Computational Logic - Define Report Parameters

```

/*****
This function determines if the application is running in Scheduled or Request Mode. If it is in
Scheduled Mode the Report Begin and End Dates are computed using the run date. If it is in Request
Mode the Report Begin and End dates are calculated using the input Fiscal Year. For both Modes, GA
information is retrieved from the Report Parameter Attribute table. A temporary table is created, which
is used in the next step when performing the actual detail data extract.
*****/
  
```

```

/*Note this is just a check to ensure the correct variables are being passed to the procedure, this step
should always pass*/
If RPT_ID_VAR <> MBR012
    Procedure ends with error
End If
  
```

/* Determine Report Begin and End dates for Scheduled Mode*/

If PARM_TSTAMP_VAR = 2999-12-31:00:00:00

Set Report End date to Latest Quarter end Date (December 31, March 31, June 30, or September 30) before the Current Date - (RPT_PARAM_ATT.NUM_VAL where SEQ = 14)

Set Report Begin date to begin of the same Fiscal Year (October 1)

Populate PARM_ATTR_TEMP

/* Determine Report Begin and End dates for Requested Mode*/

Else

Set Report Begin date to First day of given Quarter (FY = RPT_PARAM_ATT.DT_VAL where SEQ = 1 and RPT_PARAM.RPT_ID = MBR012. Q = RPT_PARAM_ATT.DT_VAL where SEQ = 2 and RPT_PARAM.RPT_ID = MBR012)

Set Report End date to Last day of given Quarter (FY = RPT_PARAM_ATT.DT_VAL where SEQ = 1 and RPT_PARAM.RPT_ID = MBR012. Q = RPT_PARAM_ATT.DT_VAL where SEQ = 2 and RPT_PARAM.RPT_ID = MBR012)

Populate PARM_ATTR_TEMP

End If

1.2.3.1 Inputs

RPT_PARAM

Data Element	Length	Type	Description	Mapping
RPT_ID_VAR	6	C	Value for Report ID, should be MBR012	Passed as variable when procedure initiated (RPT_PARAM.RPT_ID)
PARM_TSTAMP_VAR	26	T	Timestamp Text	Passed as variable when procedure initiated (RPT_PARAM.PARM_TSTAMP)
UID	8	C	User of ID of requesting Individual	Pulled from requesting user's log on

When the PARM_TSTAMP is set to '2999-12-31:00:00:00', the application must be run in Scheduled mode. If the timestamp is set to any other valid value, the application must be run in On-request mode.

RPT_PARM_ATTR

Data Element	Length	Type	Description	Mapping
RPT_PARM_RPT_ID	6	C	Used to distinguish between AMF, LPIF, and Federal Receivables extract.	RPT_ID_VAR
RPT_PARM_PARM_TSTAMP	10	T	Date web inputs were entered	PARAM_TSTAMP_VAR
SEQ	2	N	Generic field used to give an ID for a report attribute	Sequence numbers 1-6 are populated, see section 1.1.3 logic
CHAR_VAL	40	C	Generic field used to give a character value for a report attribute	Sequence numbers 1-6 are populated, see section 1.1.3 logic
NUM_VAL	12	N	Generic field used to give a numeric value for a report attribute	Sequence numbers 1-6 are populated, see section 1.1.3 logic
DT_VAL	10	T	Generic field used to give a date value for a report attribute	Sequence numbers 1-6 are populated, see section 1.1.3 logic

RPT_PARM_ATTR (Static Values for Scheduled mode)

Parameter Meaning	SEQ	Attribute Populated	Possible Values
GA Code	2	CHAR_VAL	* (specifies all GA's) NOTE: THIS WAS NOT SET IN THE OLD NSLDS TABLE
GA inactive Override indicator	3	CHAR_VAL	'N' NOTE: THIS WAS NOT SET IN THE OLD NSLDS TABLE
Fee Paid Indicator	5	CHAR_VAL	'Y' - (fee needs to be paid- info needs to be sent to FMS) NOTE: THIS WAS NOT SET IN THE OLD NSLDS TABLE
Backup data required indicator	6	CHAR_VAL	'Y' - (backup data needs to be distributed to the GA). NOTE: THIS WAS NOT SET IN THE OLD NSLDS TABLE
Report Type	11	CHAR_VAL	'Q' —Quarterly
Number of Days Back	14	NUM_VAL	'60' - Number used to compute Report End Date by as many days from the date on which the application is running

RPT_PARM_ATTR (Values for Request mode)

Parameter Meaning	SEQ	Attribute populated	Possible Values
Report Fiscal Year	1	NUM_VAL	YYYY format.
Reporting Quarter	2	NUM_VAL	1-4
GA Code (e.g., RC8AFY):	3	CHAR_VAL	Valid NSLDS GA Code.
For Fiscal Year: GA Override Indicator	4	CHAR_VAL	Y- indicates override even when GA is closed. N - indicates GA is disregarded if it is closed
Fee Paid Indicator	5	CHAR_VAL	Y- indicates the run is official N- indicates the run is not official.
Backup data required indicator	6	CHAR_VAL	Y- means backup data needs to be distributed to the GA. N- indicates analysis only. Backup data is not required to be sent to GAs.

1.2.3.2 *Outputs*

PARM_ATTR_TEMP

Data Element	Length	Type	Description	Mapping
RPT_ID	6	C	Value for Report ID is MBR012	RPT_PARM_ATTR
UID	8	C	User of ID of requesting Individual	RPT_PARM.UID
RPT_BEG_DT	8	D	Report Begin Date - First day of a Fiscal Quarter	Calculate in Procedure
RPT_END_DT	8	D	Report End Date - Last day of a Fiscal Quarter	Calculate in Procedure
GA_CODE	3	C	Code for the Guaranty or '*' to specify all agencies	RPT_PARM_ATTR
GA_INACT_O VRR_IND	1	C	When this is set to 'Y' then use the GA code for processing even if the activity code is set to 'CLOSED'	RPT_PARM_ATTR
FEE_PAY_IND	1	C	Flag indicating whether the run is official and the fee needs to be paid through FMS	RPT_PARM_ATTR
BACKUP_IND	1	C	Flag indicating whether backup data needs to be sent to the GA	RPT_PARM_ATTR

1.2.4 Computational Logic – Extract Detail Data

/*****

Criteria for Selection:

- a) The current Loan Status Date on the LOAN record must be earlier than the Report End Date and the corresponding current Loan Status must be Defaulted. (*See Definition*)
- b) When (a) is not satisfied, the latest LOAN STATUS record earlier than the Report End Date must be Defaulted. If it is any other status, then the loan is bypassed.
- c) If the defaulted loan has a Repurchase prior to Report End date and later to loan status date, it will get excluded.
- d) For Non-Status Loans (these are old loans for which no loan status is available in NSLDS)– if any insurance claim is reported, but no repurchase, then the loan will get included as a receivable, as it is deemed to be in default.

*****/

/* Prepare the detail temp table by clearing out any old data */

Clear the FDRC_DETAIL_TEMP table of any old data

/* #1 Select GAs – This is outer loop */

If input GA Code is '*',

 Read each GA /*guaranty agency*/

Else

 Read specific GA where GA.CODE = PARM_ATTR_TEMP.GA_CODE

End If

If PARM_ATTR_TEMP.GA_INACT_OVRR_IND /* Inactive override indicator*/ = 'N' and
GA.ACT_CODE (Activity Code) NOT = spaces /* If it is Spaces indicates the GA is active */

 Skip the GA and go to the next GA

End If

/* Note this is just a back up check. This check should already have been made when the user enters
the GA selection at the request web page */

If no GA is selected for input parameter criteria

 Terminate processing with appropriate error message.

End If

/* #2 Determine GA responsibility within the extract period – This is the inner loop; selecting Loan
Guarantors (a Loan Guarantor is associated with one unique Loan)*/

Read each LOAN_GUA associated with the GA where (LOAN_GUA.RESP_BEG_DT <=

PAR_ATTR_TEMP.RPT_END_DT and LOAN_GUA.RESP_END_DT >=

PAR_ATTR_TEMP.RPT_END_DT and LOAN_GUA.VAL_IND (valid indicator) = spaces)

Pick up LOAN_GUA.RESP_BEG_DT, LOAN_GUA.RESP_END_DT and
LOAN_GUA.GA_CODE

/* #3 Identify the loans belonging to the GA, since this is inside the inner #2 loop currently looking at
Loan associated with the current Loan Guarantor*/

Read LOAN associated with the current LOAN_GUARANTOR

If (LOAN.CURR_LOAN_STAT = *DEFAULTED* (see *Definition 1.2.4.3*) /*Note: validation table has
defined status groups*/ and LOAN.CURR_LOAN_STAT_DT <= PARM_ATTR_TEMP .RPT_END_DT)
/* Loan is in Default Status as of the end of reporting period */

Pick up LOAN.OUT_PRIN_BAL, LOAN.OUT_INT_BAL, and all other supporting attributes
such as LOAN.AMT, LOAN.DT, etc

Else

Read most recent past LOAN_STAT associated with LOAN by sorting LOAN_STAT
descending using LOAN_STAT.DT where LOAN_STAT.DT <= RPT_END_DT and
LOAN_STAT.VAL_IND = spaces

If LOAN_STAT.CODE = *DEFAULTED*

If exists - Read RPCH_LOAN /*Repurchased Loan*/ associated with the current
LOAN Where RPCH_LOAN.DT >= LOAN_STAT.DT and RPCH_LOAN.DT <=
PARM_ATTR_TEMP .RPT_END_DT

Bypass Loan, Go to next LOAN_GUA

Else /*No repurchase found*/

/* Pull Loan status and status date from LOAN_STAT table*/

Pick up LOAN_STAT.CODE, LOAN_STAT.DT, LOAN.OUT_PRIN_BAL,
LOAN.OUT_INT_BAL, and all other supporting attributes such as
LOAN.AMT, LOAN.DT, etc

End If

Else If LOAN_STAT.CODE <> *DEFAULTED*/*Most recent Loan status is NOT
defaulted*/

Bypass Loan, Go to next LOAN_GUA

Else /* No valid loan status before the Report end date is found. Now check for
insurance Claim Payments that have no repurchase*/

If Exists- Read each LENDER_BRANCH HOLDER, INSUR_CL_PMT

/*insurance claim payment*/ associated with current LOAN sorted Descending
INSUR_CL_PMT .DT

If Exists Read each RPCH_LOAN associated with current LOAN sorted
Descending RPCH_LOAN.DT where RPCH_LOAN.DT > =
INSUR_CL_PMT .DT

/* LOAN is bypassed due to Repurchase after the Insurance
Claim Payment */

Bypass Loan, Go to next LOAN_GUA

Else /*NO repurchase exists after the insurance claim payment date*/

Pick up LOAN.OUT_PRIN_BAL, LOAN.OUT_INT_BAL, and all other supporting attributes such as LOAN.AMT, LOAN.DT, etc

End If

Else /*No Insurance Claim Payment exists*/

Bypass Loan, Go to next LOAN_GUA

End If

End If

/* #4 Determine Disbursement Values*/

Read most recent LOAN_DIS associated with the LOAN by sorting descending LOAN_DIS.DT where LOAN_DIS.DT <= RPT_END_DT

Pick up LOAN_DIS DT and CUM_AMT

/* #5 Retrieve Student, PLUS Borrower, Loan Originating School, and School Branch information for the extracted loan*/

Read Student Branch originating the extracted loan whose valid indicator is spaces. Read Student associated with this Student Branch. Get SSN, First Name, Last Name, and Date of Birth.

Read School Branch and School associated with the Student Branch. Get School Branch Code and School Code.

If the loan type is "PL", read the latest PLUS Borrower Loan associated with the loan. Read PLUS Borrower for this PLUS Borrower Loan to get SSN, First and Last Names, Date of Birth info.

Read Loan External Identification for current loan. Get the code.

/* End Loan Guaranty Loop*/

End Loop Read Next LOAN_GUA

/*End GA Loop*/

End Loop Read Next GA

1.2.4.1 Inputs

PARM_ATTR_TEMP (See 1.2.3.2 Outputs for layout)

Base Tables and Data Elements (See Outputs for mapping)

Entity/Table	Data Element
LOAN	CURR_LEN_CODE
	CURR_LEN_SVR_CODE
	CURR_LOAN_STAT

Entity/Table	Data Element
	CURR_LOAN_STAT_DT
	CURR_MAT_DT
	DT
	AMT
	FFEL_DUP_ID
	OUT_PRIN_BAL
	OUT_PRIN_BAL_DT
	PER_BEG_DT
	PER_END_DT
STUDENT	CURR_FST
	CURR_LST
	CURR_SSN
	DOB
PLUS_BORR	CURR_FST
	CURR_LST
	CURR_SSN
	DOB
LOAN_STAT	CODE
	DT
SCH	CODE
SCH_BR	CODE
LEN	CODE
LEN_BR	CODE
LOAN_TYPE	CODE
LOAN_GUA	RESP_BEG_DT
	RESP_END_DT
GA	CODE
LOAN_EXTL_ID	SRC
	CODR

Entity/Table	Data Element
	SYS_CR_DATE

1.2.4.2 Outputs

FDRC_DETAIL_TEMP

Data Element	Length	Type	Description	Mapping
STU_SSN	9	C	Title IV aid recipient or beneficiary's SSN	STU.CURR_SSN
STU_DOB	8	D	Date when a Title IV aid recipient or beneficiary was born; CCYYMMDD format	STU.DOB
STU_FST	12	C	Title IV aid recipient or beneficiary's first name	STU.CURR_FST
STU_LST	35	C	Title IV aid recipient or beneficiary's last name	STU.CURR_LST
LOAN_TYPE	2	C	Code indicating type of aid received or guaranteed: SF-Stafford SU-Unsubsidized Stafford PL-Plus SL-Supplemental Loans CL-Consolidation Loans RF-Refinanced	LOAN.LOAN_TYPE
LOAN_DT	8	D	Date the FFEL loan was originally guaranteed; CCYYMMDD format.	LOAN.DT
LOAN_FFEL_DUP_ID	1	C	An indicator used to differentiate among multiple loans of the same type, which have the same guaranty date for same student attending the same school.	LOAN.FFEL_DUP_ID
SCH_CODE	8	C	ED Office of Postsecondary Education (OPE) code for school in which student was enrolled or accepted for enrollment at the time the loan was made.	LOAN.SCH_CODE
LOAN_EXTL_ID_CODE	21	C	Unique ID that has been assigned to a loan by the Guaranty agency (optional Future).	LOAN_EXTL_ID.CODE
PLUS_BO_SSN	9	C	Applicable to PLUS (PL) Loans only. It will be set to spaces otherwise.	PLUS_BO.CURR_SSN
PLUS_BO_DOB	8	D	Applicable to PLUS (PL) Loans only. It will be set to spaces otherwise.	PLUS_BO.DOB
PLUS_BO_FST	12	C	Applicable to PLUS (PL) Loans only. It will be set to spaces otherwise.	PLUS_BO.CURR_FST

Data Element	Length	Type	Description	Mapping
PLUS_BO_L ST	35	C	Applicable to PLUS (PL) Loans only. It will be set to spaces otherwise.	PLUS_BO.CURR_LST
LOAN_AM T	6	N	Original dollar amount, before any cancellations, of the FFEL loan guaranty. For loans subrogated and received by NSLDS before the date of extract but after the end of the FY, this reflects the cumulative disbursement amount.	LOAN.AMT
LOAN_CU RR_DIS_DT	8	D	Date of latest disbursement as reported to NSLDS before the Fiscal Quarter end date; CCYYMMDD format.	LOAN_DIS.DT
DIS_AMT	6	N	The cumulative amount of loan disbursement(s) last reported to NSLDS before the Fiscal Quarter end date.	LOAN_DIS.CUM_AM T
LOAN_OU T_INT_BAL _DT	8	D	Date on which value in Amount of Outstanding Interest Balance was updated.	LOAN.OUT_INT_BAL _DT
LOAN_OU T_INT_BAL	6	N	The cumulative dollar value of the outstanding Interest balance due on a loan	LOAN.OUT_INT_BAL
LOAN_OU T_PRIN_BA L_DT	8	D	Date on which value in Amount of Outstanding Principal Balance was updated.	LOAN.OUT_PRIN_BA L_DT
LOAN_OU T_PRIN_BA L	6	N	The cumulative dollar value of the outstanding balance due on a loan, including capitalized interest.	LOAN.OUT_PRIN_BA L
CURR_LOA N_STAT_D T	8	D	Date on which the current code for loan status became effective.	LOAN.CURR_LOAN_ STAT_DT or LOAN_STAT.DT (see procedure logic)
CURR_LOA N_STAT	2	C	Code representing the loan status of a borrower's loan as reflected in the Guaranty Agency's System at the end of the FY.	LOAN.CURR_LOAN_ STAT or LOAN_STAT.CODE (see procedure logic)
LOAN_CU RR_MAT_D T	8	D	Loan Date of Maturity (Date entered Repayment)	LOAN.CURR_MAT_D T
LOAN_PER _BEG_DT	8	D	Date on which Enrollment Period begins.	LOAN_PER_BEG_DT
LOAN_PER _END_DT	8	D	Date on which Enrollment Period ends.	LOAN_PER_END_DT

Data Element	Length	Type	Description	Mapping
LOAN_CURR_LEN_SVR_CODE	6	C	Code for Lender Servicer as of the extract date of this file	LOAN.CURR_LEN_SVR_CODE
LOAN_CURR_LEN_CODE	6	C	Code for Current Lender as of the extract date of this file	LOAN.CURR_LEN_CODE
LOAN_ORIG_LEN_CODE	6	C	Code for Original Lender. All loans originally created from DCS or TGA will have this set to 000000.	LOAN.ORIG_LEN_CODE
LOAN_GUA_RESP_BEGIN_DT	8	D	Responsible Begin Date for Loan Guarantor	LOAN_GUA.RESP_BEGIN_DT
LOAN_GUA_RESP_END_DT	8	D	Responsible End Date for Loan Guarantor	LOAN_GUA.RESP_END_DT
LOAN_GUA_GA_CODE	3	C	Responsible Guaranty Agency Code	LOAN_GUA.GA_CODE

1.2.4.3 Definitions

Loan Type Codes

Program	Type Code	Description
FFEL	CL	FFEL Consolidated
	PL	FFEL PLUS
	RF	FFEL Refinanced
	SF	FFEL Stafford Subsidized
	SL	Supplemental Loan (SLS)
	SN	FFEL Stafford Non-Subsidized
	SU	FFEL Stafford Unsubsidized

Loan Status Codes

Status Category	Status Code	Description
Default	DU, DF	Defaulted Unresolved
	DX, XD	Defaulted Six Consecutive Payments
	DL	Defaulted in Litigation
	DT	Defaulted Collection Terminated
	DZ	Defaulted Six Consecutive Payments, Then Misses Payments

1.2.5 Computational Logic – Calculate FDRC Summary

/*****
 This step of the Federal Receivables Detail Extract and Summarize procedure summarizes the detail data and then loads the GA_SUM table. The data is summarized by GA and then by Loan Type within the GA.
 *****/

/* Calculate the following using the FDRC_DETAIL_TEMP table */

Group FDRC_DETAIL_TEMP by GA

SUM Total Principal Amount (across all loan type)
 Set NSLDS Assigned Code to 8932 for Principal Amount
 Leave Loan Type blank

SUM Total Interest Amount (across all loan type)
 Set NSLDS Assigned Code to 8931 for Interest Amount
 Leave Loan Type blank

Group FDRC_DETAIL_TEMP by GA and then Loan Type

SUM Total Principal Amount (for Single loan type)
 Set NSLDS Assigned Code to 8932 for Principal Amount

SUM Total Interest Amount (for Single loan type)
 Set NSLDS Assigned Code to 8931 for Interest Amount

If GA_SUM record exists where (RPT_BEG_DT = PARM_ATTR_TEMP.RPT_BEG_DT and
 RPT_END_DT = PARM_ATTR_TEMP.RPT_END_DT and GA_CODE =
 AMF_DETAIL_TEMP.LOAN_GUA_GA_CODE and AGG_DESC_DET_ID = (AMF_DETAIL_TEMP
 LOAN_TYPE or Blank as set in above logic)

Set GA_SUM.CMPT_TYPE = 'R' /*File contains recomputed data*/

If GA_SUM.OFFC_RUN_IND = Y for old and new entries

/* If a GA_SUMMARY table entry already exists for the period, then the old record must be updated by setting fee paid indicator = space */
Set GA_SUM.OFFC_RUN_IND for the old record to space

End if

Else

Set GA_SUM.CMPT_TYPE = 'O' /*File contains original data*/

End If

Set GA_SUM.SRC (source) = 'NSL2000'

Set Create time and Create Date from system current timestamp.

Create GA_SUMMARY occurrence only for each NON-zero aggregated value computed above

Kick off the **Individual GA Federal Receivables Loan Detail File Create, Transmit, and Backup** procedure

1.2.5.1 Inputs

PARM_ATTR_TEMP (see 1.2.3.2 Outputs for layout)

FDRC_DETAIL_TEMP (see 1.2.4.2 Outputs for layout)

1.2.5.2 Outputs

GA_SUM

Data Element	Length	Type	Description	Mapping
AGG_DESC_DET_ID	2	N	Designer added attribute, which will allow a unique identification of an occurrence of this entity. It will allow for grouping of aggregate descriptor items. For Federal Receivables Loan Type is used	FDRC_DETAIL_TEMP.LOAN_TYPE or Blank for GA total record
AGG_DESC_ID	2	N	Designer added attribute, which will allow a unique identification of an occurrence of this entity.	See Procedure Logic
AMT	15	N	A calculated total dollar amount based on an associated AGGREGATE_DESCRIPTOR. Note that this attribute is optional. Examples of summarized amounts would be Loan Amount Guaranty, Amount of Cancellations, Claim Amount, Repurchase Amount, etc.	See Procedure Logic

Data Element	Length	Type	Description	Mapping
CMPT_TYPE	1	C	This represents the type of computation for the summarized data. First time it will be set to O, which implies it is Original Computation for NSLDS, summarized data. For ED form data it represents the first time reporting for a specific period. If the data were to be received more than once or computed multiple	See Procedure Logic
GA_CODE	3	C	Three-digit, all numeric identification code of the GA guaranteeing an FFEL Program Loan.	PARM_ATTR_TEMP.GA_CODE
NO	4	N	A calculated total number of loans or accounts based on the associated AGGREGATE_DESCRIPTOR. Note that this attribute is optional – Federal Receivables processing currently does not do	NULL
OFFC_RUN_IND	1	C	This represents the record type of the summary record. When set to Y indicates that the summary record was used to pay Fee such as LPIF and AMF. When set to blank, the GA Summary record was used only for analysis, but not for Fee Payment.	PARM_ATTR_TEMP.FEE_PAY_IND
RPT_BEG_DT	8	D	Start date for which the report is to be generated. Normally this is the beginning of a Quarter or a Month.	PARM_ATTR_TEMP.RPT_BEG_DT
RPT_END_DT	8	D	End date for which the report is to be generated. This is normally end of quarter or end of a month.	PARM_ATTR_TEMP.RPT_END_DT
SRC	8	C	This will identify the source of the Summary information. For NSLDS computed form 2000 information it will be NSL2000. The corresponding ED2000 line item data from GAQ will be ED2000. Similarly it will be NSL2000 and ED2000 for form 2000 processing. For information not related to any of the forms it will be simply NSLDS.	'NSL2000'
SYS_CR_DT	8	D	For NSLDS it is the date on which the summary was created. For ED 2000 line item it is the date when the submittal file was created by the GAQ system. Format is CCYYMMDD.	Current System Timestamp

Data Element	Length	Type	Description	Mapping
SYS_CR_TM	8	T	For NSLDS it is the date on which the summary was created. For ED 2000 line item it is the date when the submittal file was created by the GAQ system. Format is HH:MM:SS	Current System Timestamp

1.2.5.3 Definitions

NSLDS Codes for ED2000 Line Items

NSLDS Codes for ED2000 Line Items (FY Data)		
ED Form 2000 Line Item	ED2000 Line Item Number	NSLDS Assigned Code
Loans Guaranteed Amount (except Federal Consolidation) (Include Federal SLS and Federal Plus Refinanced loans)	AR-1	8901
Loans Canceled Amount (except Federal Consolidation) (Sum of Unconsummated and Other)	AR-2	8902
Federal Consolidation Loans Guaranteed Amount	AR-3	8903
Federal Consolidation Loans Canceled Amount	AR-4	8904
Loans Transferred In	AR-6	8906
Loans Transferred Out	AR-7	8907
Default Claim Paid	AR-8	8908
Death and Disability Claims Paid	AR-10	8910
Closed School/ False Certification Claims Paid	AR-11	8911
Loans Paid in Full	AR-12	8912
Federal Stafford and Unsubsidized Stafford Interim Loans	AR-13	8913
Federal Receivables Interest Amount		8931
Federal Receivables Principal Amount		8932
Loan Processing and Issuance Fee	AR-33	8933
Account Maintenance Fee	AR-34	8934
LPIF Guaranty Amount		8950

NSLDS Codes for ED2000 Line Items (FY Data)		
ED Form 2000 Line Item	ED2000 Line Item Number	NSLDS Assigned Code
LPIF Cancellation Amount		8951
LPIF Disbursement Amount		8952
AMF Guaranty Amount		8953
AMF Cancellation Amount		8954
AMF Net Guaranty		8955

1.2.6 Procedure Assumptions

#	Assumption
1	The Federal Receivables is computed as of the date of the run. Since OPB history is not carried (the Loan table only has the most recent loan snapshot) the reported values will only reflect the current quarter's values regardless of which quarter is selected in the web screen
2	Scheduled mode is always run 60 days after the last day of the Fiscal Quarter. If the scheduled mode is run before the set Number of Days Back (SEQ 14), then it will be a re-run of the scheduled mode run the prior quarter

1.3 Individual GA Federal Receivables Loan Detail File Create, Transmit, and Backup

1.3.1 Procedure Specifications

Procedure Name:	Individual GA Federal Receivables Loan Detail File Create, Transmit, and Backup
Procedure Short Description:	This procedure creates GA Federal Receivables Loan Detail File and transmits it to the GAs
Data Source:	FDRC_DETAIL_TEMP and GA_SUM data populated during the Federal Receivables Detail Extract and Summarize procedure
Procedure Frequency:	On Request (5-6 times a year). Scheduled at end of each fiscal quarter
Detailed Technical Requirement References:	5.179
Output Media:	Flat Files in EBCDIC format put to Tape for distribution
Output Target Platform:	NSLDS II DB2 EEE
Output Storage Requirements:	36 GA files with snap shot of all loans as of Fiscal Quarter end
Related Screens:	MBR012 (See NSLDS II Reengineering Screens Detail Design: Exception Reports Section 3.16 Federal Receivables Extract Report Parameter)

1.3.2 Procedure Flow

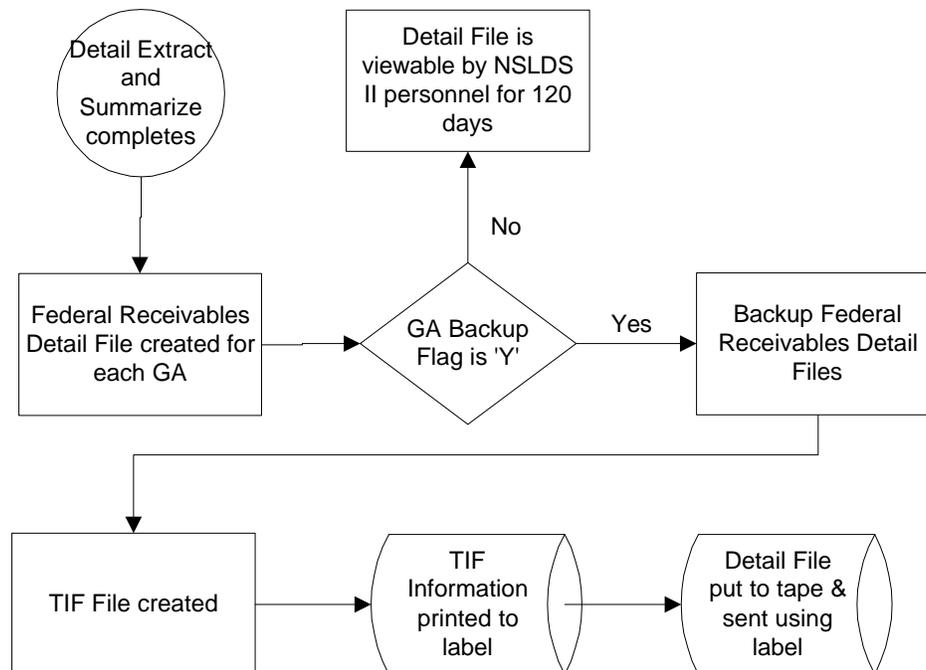


Figure 3, Individual GA Federal Receivables Loan Detail File Create, Transmit, and Backup

1.3.3 Computational Logic – Generate FDRCAMF Detail

*****/

This procedure creates a separate file for each GA found in the FDRC_DETAIL_TEMP table. The separate files will be transmitted to each GA and contain the details records. If the backup data distribution flag is set to 'Y' on the online request screen, or if the job is run on scheduled mode, the files will be put on tape for output distribution. A TIF file will also be created to give the necessary address information for shipping the tapes.

For all cases (regardless of the backup data distribution flag being set to 'Y' or 'N'), the files will have a high-level qualifier of the user ID requesting the run and stored on the DB2 database server in a file directory reserved for exception reports. Users will be able to retrieve and download these reports from the MicroStrategy Web interface through an FTP connection to the database server. Users will have access to these reports up to 120 days after they have been created.

/*****

/*Create the Dataset Name that will be used for distribution functionality*/

If backup data distribution flag = 'N'

Read GA_SUM.GA_CODE for current timestamp from the GA_SUM and then select all detail records from temp table for GA ordered by SSN and then Loan Type

/* For Request with No backup, 'C' in 'NSLPC' indicates the files will not be put to tape. The dataset name is set as NSLPC +User ID +GA Code +FDRC + Quarter End Date +Time Stamp (CCYYMMDDHH:MM:SS) for example NSLPC.S2S12345.GA375. FDRC 09312002.2002111409:16:30 */

Set DATASET_NM_VAR = 'NSLPC.' 'PARM_ATTR_TEMP.UID'.'GA_SUM.GA_CODE'.' FDRC'GA_SUM.RPT_END_DT'.'GA_SUM. SYS_CR_DT GA_SUM. SYS_CR_TM

Write Header Record

Write all the FDRC Loan detailed records

Select GA, Count records, sum loan amount, sum can amount, sum net guaranty amount (loan amount – can amount) from detail table

Group by GA

Write Trailer Record

Set File Name to DATASET_NM_VAR

End GA_SUM.GA_CODE loop

End the Procedure

Else /*the backup data distribution flag is Y*/

Read GA_SUM.GA_CODE for current timestamp from the GA_SUM and then select all detail records from temp table for GA ordered by SSN and then Loan Type

/* The dataset name is set as NSLPT +User ID + GA Code + FDRC +Quarter End Date +Time Stamp (CCYYMMDDHH:MM:SS) NOTE: For scheduled LPIF there is a default User ID*/

Set DATASET_NM_VAR = 'NSLPT.'PARM_ATTR_TEMP.UID'.GA_SUM.GA_CODE'.
FDRC'GA_SUM.RPT_END_DT'.GA_SUM.SYS_CR_DT GA_SUM.SYS_CR_TM

Write Header Record

Write all the FDRC Loan detailed records

Select GA, Count records, sum loan amount, sum can amount, sum net guaranty amount (loan amount – can amount) from detail table

Group by GA

Write Trailer Record

Set File Name to DATASET_NM_VAR

Pull GA info from TIF_INFO table, Create TIF File if not yet created, and write a line to the TIF file

End GA_SUM.GA_CODE loop

End If

/*Users will be able to retrieve their exception reports for download from a MicroStrategy web screen. There will be an ASP code module on this screen that checks the DB2 database server file directory for any exception reports that have been generated. Only reports with a User ID (embedded in dataset name) that matches the User ID of the user logged into MicroStrategy will be displayed in the given dropdown.*/

Place detailed files in the file directory reserved for exception reports

Backup the Detail Data

End the Procedure

1.3.3.1 Inputs

PARM_ATTR_TEMP (see 1.2.3.2 Outputs for layout)

FDRC_DETAIL_TEMP (see 1.2.4.2 Outputs for layout)

GA_SUM (see 1.2.5.2 Outputs for layout)

TIF_INFO

Data Element	Length	Type	Description
---------------------	---------------	-------------	--------------------

Data Element	Length	Type	Description
FST_NM	12	C	First Name
LST_NM	35	C	Last Name
ORG	60	C	Organization Name
ADD_LN1	50	C	Address Line 1
ADD_LN2	50	C	Address Line 2
CITY	20	C	City
STATE	2	C	State
COUNTRY	20	C	Country
ZIP	9	C	Zip Code
TAPE_FMT	3	C	Tape format

1.3.3.2 Outputs

GA Federal Receivables Loan Header Record Layout Length = 300

Data Element	Field Position	Length	Type	Description	Mapping
Record Sequence Number	1	9	N	Positional sort field for sorting the header record to the top of the file. Set the value to all zeroes; '000000000'	'000000000'
Report Begin Date	10	8	D	Start of quarter date; CCYYMMDD format	GA_SUM.RPT_BEG_DT
Report End Date	18	8	D	End of quarter date; CCYYMMDD format	GA_SUM.RPT_END_DT
Filler	26	1	C	Spaces	Spaces
Create Date	27	8	D	Date on which the file is created; CCYYMMDD format	GA_SUM.SYS_CR_DT
Create Time	35	8	C	Time when the file is created; HH:MM:SS format	GA_SUM.SYS_CR_TM
File Description	43	40	C	'GA FEDERAL RECEIVABLES DETAIL HEADER'	'GA FEDERAL RECEIVABLES DETAIL HEADER'
Filler	83	202		Spaces	Spaces

Data Element	Field Position	Length	Type	Description	Mapping
Code for GA	285	3	C	Identification code for guaranty agency	GA_SUM.GA_CODE
Filler	288	13	C	Spaces	Spaces

GA Federal Receivables Loan Detail Record Layout Length = 300

Data Element	Field Position	Length	Type	Description	Mapping
Student's Social Security Number	1	9	C	Title IV aid recipient or beneficiary's SSN	FDRC_DETAIL_TEMP.STU_SSN
Date of Student's Birth	10	8	D	Date when a Title IV aid recipient or beneficiary was born; CCYYMMDD format	FDRC_DETAIL_TEMP.STU_DOB
Student's First Name	18	12	C	Title IV aid recipient or beneficiary's first name	FDRC_DETAIL_TEMP.STU_FST
Student's Last Name	30	35	C	Title IV aid recipient or beneficiary's last name	FDRC_DETAIL_TEMP.STU_LST
Type of Loan	65	2	C	Code indicating type of aid received or guaranteed: SF-Stafford SU-Unsubsidized Stafford PL-Plus SL-Supplemental Loans CL-Consolidation Loans RF-Refinanced.	FDRC_DETAIL_TEMP.LOAN_TYPE
Date of Guaranty	67	8	D	Date the FFEL loan was originally guaranteed; CCYYMMDD format	FDRC_DETAIL_TEMP.LOAN_DT
Indicator of Separate Loan	75	1	C	An indicator used to differentiate among multiple loans of the same type, which have the same guaranty date for same student attending the same school	FDRC_DETAIL_TEMP.LOAN_FFEL_DUP_ID

Data Element	Field Position	Length	Type	Description	Mapping
Code for Original School	76	8	C	ED Office of Post Secondary Education (OPE) code for school in which student was enrolled or accepted for enrollment at the time the loan was made	FDRC_DET IL_TEMP .SCH_CODE
GA Unique Loan ID	84	21	C	Unique ID that has been assigned to a loan by the Guaranty agency (optional Future)	FDRC_DET IL_TEMP.LO AN_EXTL_I D_CODE
PLUS Borrower's Social Security Number	105	9	C	Applicable to PLUS (PL) Loans only. It will be set to spaces otherwise.	FDRC_DET IL_TEMP.PL US_BO_SSN
PLUS Borrower's Date of Birth	114	8	D	Applicable to PLUS (PL) Loans only. It will be set to spaces otherwise.	FDRC_DET IL_TEMP.PL US_BO_DOB
PLUS Borrower's First Name	122	12	C	Applicable to PLUS (PL) Loans only. It will be set to spaces otherwise.	FDRC_DET IL_TEMP.PL US_BO_FST
PLUS Borrower's Last Name	134	35	C	Applicable to PLUS (PL) Loans only. It will be set to spaces otherwise.	FDRC_DET IL_TEMP.PL US_BO_LST
Amount of Guaranty	169	6	N	Original dollar amount, before any cancellations, of the FFEL loan guaranty. For loans subrogated and received by NSLDS before the date of extract but after the end of the FY, this reflects the cumulative disbursement amount.	FDRC_DET IL_TEMP.LO AN_AMT
Date of Disbursement	175	8	D	Date of latest disbursement as reported to NSLDS before the FY end date; CCYYMMDD format	FDRC_DET IL_TEMP.LO AN_CURR_ DIS_DT
Amount of Disbursement	183	6	N	The cumulative amount of loan disbursement(s) last reported to NSLDS before the FY end date	FDRC_DET IL_TEMP.DI S_AMT
Date of Outstanding Interest Balance	189	8	D	Date on which value in Amount of Outstanding Interest Balance was updated	FDRC_DET IL_TEMP.LO AN_OUT_IN T_BAL_DT

Data Element	Field Position	Length	Type	Description	Mapping
Amount of Outstanding Interest Balance	197	6	N	The cumulative dollar value of the outstanding Interest balance due on a loan,	FDRC_DETA IL_TEMP.LO AN_OUT_IN T_BAL
Date of Outstanding Principal Balance	203	8	D	Date on which value in Amount of Outstanding Principal Balance was updated	FDRC_DETA IL_TEMP.LO AN_OUT_P RIN_BAL_D T
Amount of Outstanding Principal Balance	211	6	N	The cumulative dollar value of the outstanding balance due on a loan, including capitalized interest	FDRC_DETA IL_TEMP.LO AN_OUT_P RIN_BAL
Date of Loan Status	217	8	D	Date on which the current code for loan status became effective	FDRC_DETA IL_TEMP.CU RR_LOAN_S TAT_DT
Code for Loan Status	225	2	C	Code representing the loan status of a borrower's loan as reflected in the Guaranty Agency's System at the end of the FY	FDRC_DETA IL_TEMP.CU RR_LOAN_S TAT
Date of Maturity	227	8	D	Loan Date of Maturity (Date entered Repayment)	FDRC_DETA IL_TEMP.LO AN_CURR_ MAT_DT
Period Begin Date	235	8	D	Date on which Enrolment Period begins	FDRC_DETA IL_TEMP.LO AN_PER_BE G_DT
Period End Date	243	8	D	Date on which Enrolment Period ends	FDRC_DETA IL_TEMP.LO AN_PER_EN D_DT
Code for Servicer	251	6	C	Code for Lender Servicer as of the extract date of this file	FDRC_DETA IL_TEMP.LO AN_CURR_ LEN_SVR_C ODE
Code for Current Holder Lender	257	6	C	Code for Current Lender as of the extract date of this file	FDRC_DETA IL_TEMP.LO AN_CURR_ LEN_CODE

Data Element	Field Position	Length	Type	Description	Mapping
Code for Originating FFEL Lender	263	6	D	Code for Original Lender. All loans originally created from DCS or TGA will have this set to 000000	FDRC_DET IL_TEMP. LOAN_ORI G_LEN_CO DE
Responsible Begin Date	269	8	D	Responsible Begin Date for Loan Guarantor	FDRC_DET IL_TEMP.LO AN_GUA_R ESP_BEG_D T
Responsible End Date	277	8	D	Responsible End Date for Loan Guarantor	FDRC_DET IL_TEMP.LO AN_GUA_R ESP_END_D T
GA Code	285	3	C	Identification Code for Guaranty Agency	FDRC_DET IL_TEMP.LO AN_GUA_G A_CODE
Filler	288	13	C	Spaces	Spaces

GA Federal Receivables Loan Trailer Record Layout Length = 300

Data Element	Field Position	Length	Type	Description	Mapping
Record Sequence Number	1	9	N	Positional sort field for sorting the header record to the top of the file. Set the value to all nines; '99999999'	'99999999'
File Description	10	49	C	'GA FEDERAL RECEIVABLES DETAIL TRAILER'	'GA FEDERAL RECEIVABL ES DETAIL TRAILER'
Total Number of Detail Records	50	58	N.	This number reflects the number of detail records contained in the current file excluding header and trailer.	Calculated Sum
Total Federal Receivables Principal Amount	59	73	N	The sum of all Outstanding Principal Balance amounts in this file	Calculated Sum

Data Element	Field Position	Length	Type	Description	Mapping
Total Federal Receivables Interest Amount	74	88	N	The sum of all Outstanding Interest amounts in this file	Calculated Sum
Filler	89	284	N	Spaces	Spaces
Code for GA	285	287	C	Identification code for guaranty agency	GA_SUM.G A_CODE
Filler	288	300	C	Spaces	Spaces

Transmission Interface File Length = 305

Data Element	Field Position	Length	Type	Description	Mapping
First Name	1	12	C	First Name	TIF_INFO.FST_NM
Last Name	13	35	C	Last Name	TIF_INFO.LST_NM
Organization	48	60	C	Organization Name	TIF_INFO.ORG
Address line 1	108	50	C	Address Line 1	TIF_INFO.ADD_LN1
Address line 2	158	50	C	Address Line 2	TIF_INFO.ADD_LN2
City	208	20	C	City	TIF_INFO.CITY
State	228	2	C	State	TIF_INFO.STATE
Country	230	20	C	Country	TIF_INFO.COUNTRY
Zip	250	9	C	Zip Code	TIF_INFO.ZIP
Tape Format	259	3	C	Tape format	TIF_INFO.TAPE_FMT
Dataset Name	262	44	C	Dataset name for output distribution	See Procedure Logic

1.3.4 Procedure Assumptions

#	Assumption
1	A separate output distribution procedure will create the individual GA tapes. Tape generation specifics will be further defined based on the final NSLDS II platform configuration. The basic functionality will allow TIF labels to be printed and detail data to be put to tape (utilizing the dataset naming convention)
2	All detailed FDRC data will be backed up on tape. The back up process will be further defined based on the final NSLDS II platform configuration.