



F E D E R A L
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NSLDS II Reengineering
Procedures Detail Design:
Loan Processing Issuance Fees (LPIF)
P-LPIF-1

Version 1.0

November 8, 2002

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Document Control

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|----------------|-----------------|--------------|--------------|
| 1.0 | Initial Release | 11/08/2002 | David Marker |
| | | | |

1 Loan Processing Issuance Fee (LPIF) Process

The U.S. Department of Education (DOE) is required to pay Loan Processing Issuance Fees (LPIF) to Guaranty Agencies (GA) each Quarter to offset the costs of originating Student Loans in the FFEL Program. The Department makes these payments through the Federal Student Aid Financial Management System (FMS).

In order to facilitate this process, NSLDS II will compute Disbursement Amounts and LPIF for each GA and transmit this information to FMS once a quarter. Based on these figures and by subtracting the adjustments, FMS creates LPIF payments to the GAs. NSLDS II transmits the back up detailed loan level data to substantiate the LPIF Computation to the GAs.

The LPIF process is scheduled to run in default mode on the 45th day following the end of the fiscal quarter. The LPIF process may also be initiated in request mode for a single GA or for all GAs. This computation may be required, due to the timing and/or corrections to detailed data provided by the GAs.

The LPIF Process consists of the following procedures:

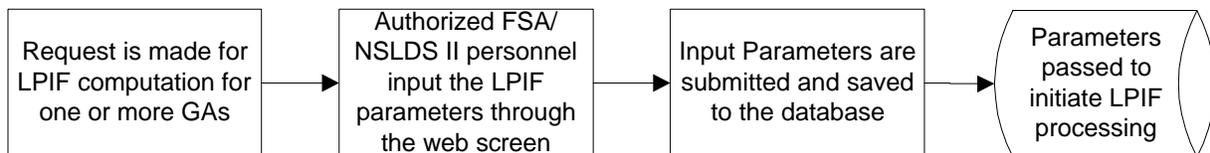
- Online LPIF Request initiator (WEB Screen) (**Section 1.1**)
- LPIF Detail Extract and Summarize (**Section 1.2**)
 - Define Report Parameters
 - Extract Detail Data
 - Calculate Delta in Detail Data
 - Calculate LPIF Summary
- Individual GA LPIF Loan Detail File Create, Transmit, and Backup (**Section 1.3**)

1.1 Online LPIF Request Initiator (Web Screen)

1.1.1 Procedure Specifications

| | |
|---|---|
| Procedure Name: | Online LPIF Request Initiator |
| Procedure Short Description: | This is a web data entry screen that facilitates the entry of parameters when LPIF computation is required |
| Data Source: | Authorized FSA or NSLDS II users manually enter data through web interface |
| Procedure Frequency: | By request (rarely – 5 or 6 times / year) |
| Detailed Technical Requirement References: | 5.038, 5.040 |
| Output Media: | RPT_PARM and RPT_PARM_ATT tables and Variables sent to kick off LPIF Detail Extract and Summarize |
| 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 Interfaces/Screens: | FMS (See Interface Detail Design: I-FMS-1 Section 1.3 LPIF Summary Interface) MBR008 (See NSLDS II Reengineering Screens Detail Design: Exception Reports Section 3.12 Loan Processing and Issuance Report Parameter) |

1.1.2 Procedure Flow



1.1.3 Computational Logic – Input Requested Parameters

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

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

Web Screen captures following data fields:

Fiscal Year

Reporting Quarter – Fiscal Year and Reporting Quarter indicate the calculation quarter

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

GA Over Ride Indicator – Y or N

LPIF Fee to be Paid 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 Override 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 GA Code

Set SEQ = 3

Set CHAR_VAL to Input Reporting Quarter

Set SEQ = 4

Set CHAR_VAL to Input GA Over Ride Indicator

Set SEQ = 5

Set CHAR_VAL to Input LPIF Fee to be Paid Indicator

Set SEQ = 6

Set CHAR_VAL to Input Back Up Data to GA

/* Parameters passed to initiate LPIF processing */

Call LPIF Detail Extract and Summarize procedure and pass RPT_ID and PARM_TSTAMP as variables

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

RPT_ID = MBR008

PARM 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](#)

ID: [MBR008](#) Type: Report
Name: LOAN PROCESSING AND ISSUANCE FEE

Report Parameters

FISCAL YEAR: CCYY
 REPORTING QUARTER: g
 GA CODE (OPTIONAL): *
 GA OVER RIDE INDICATOR: c
 LPIF FEE TO BE PAID INDICATOR: c
 BACK UP DATA TO GA: c
 Sort By: 1 GA CODE
 Output Medium:

1.1.3.2 Outputs

RPT_PARM (Database Output, values also passed to initiate LPIF 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. | "MBR008" |
| 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

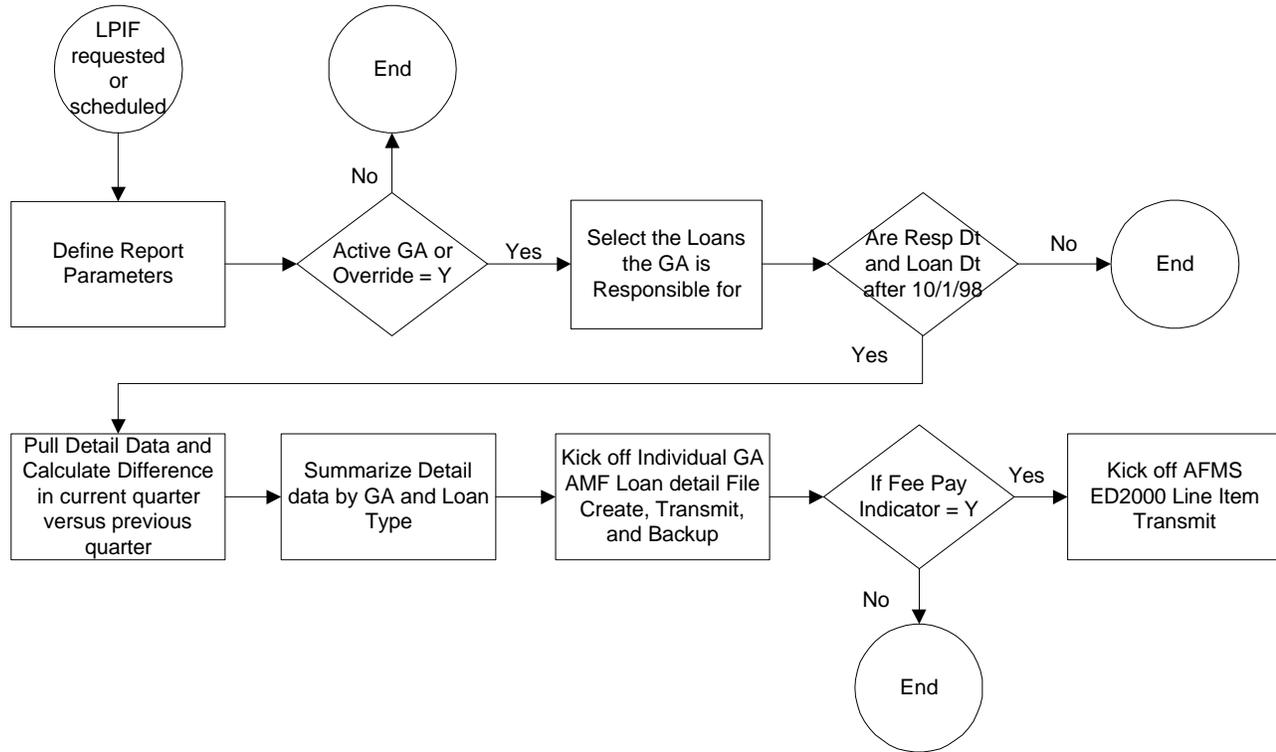
| # | Assumption |
|----------|--|
| 1 | Any requests made for recalculating the LPIF for a previous Fiscal Quarter are run using the current (as of run date) NSLDS data, updates received since the previous quarter ended will be reflected in the calculations |
| 2 | The scheduled mode is set to run on the 45 th day after the end of the fiscal quarter regardless of any LPIF requests activity |
| 3 | While GA data submitted late will not be accounted for in the current calculation, it will be included in the cumulative amount for calculations made in subsequent quarters. As such, the LPIF is self-correcting and requests should not need to be made for quarters other than the most recent one |

1.2 LPIF Detail Extract and Summarize

1.2.1 Procedure Specifications

| | |
|---|--|
| Procedure Name: | LPIF 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. Next the procedure pulls the LPIF Detail and calculates the difference between the current period and the prior period. These values are then summarized to populate the GA Summary Table. |
| Data Source: | Report ID and Parameter Timestamp are 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: | 5.038, 5.040 |
| Output Media: | LPIF_DETAIL_TEMP, LPIF_DETAIL_ACTIVITY_TEMP and GA_SUM Tables |
| Output Target Platform: | NSLDS II DB2 EEE |
| Output Storage Requirements: | LPIF_DETAIL_TEMP for past quarter. GA_SUM table data stored permanently |
| Related Interfaces/Screens: | FMS (See Interface Detail Design: I-FMS-1 Section 1.3 LPIF Summary Interface) MBR008 (See NSLDS II Reengineering Screens Detail Design: Exception Reports Section 3.12 Loan Processing and Issuance Report Parameter) |

1.2.2 Procedure Flow



1.2.3 Computational Logic - Define Report Parameters

```

/*****
This function determines if the application is running in Scheduled mode or in a Request Mode. If it is a
Schedule Mode the Report Begin and End Dates are computed using the run date. If it is a Request
mode the Report Begin and End dates are calculated using the input FY. For both Modes, GA info is
retrieved from the Report Parameter Attribute table. A temp 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 <> MBR008

 Procedure ends with error

End If

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

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

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

 Set Report Begin date to begin date of the same Quarter (October 1, January 1, April 1, or July 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 = MBR008. Q = RPT_PARAM_ATT.DT_VAL where SEQ = 2 and RPT_PARAM.RPT_ID = MBR008)

Set Report End date to Last day of given Quarter (FY = RPT_PARAM_ATT.DT_VAL where SEQ = 1 and RPT_PARAM.RPT_ID = MBR008. Q = RPT_PARAM_ATT.DT_VAL where SEQ = 2 and RPT_PARAM.RPT_ID = MBR008)

Populate PARM_ATTR_TEMP
End If

1.2.3.1 Inputs

RPT_PARM

| Data Element | Length | Type | Description | Mapping |
|------------------|--------|------|---------------------------------------|---|
| RPT_ID_VAR | 6 | C | Value for Report ID, should be MBR008 | Passed as variable when procedure initiated (RPT_PARM.RPT_ID) |
| PARAM_TSTAMP_VAR | 26 | T | Timestamp Text | Passed as variable when procedure initiated (RPT_PARM.PARAM_TSTAMP) |
| UID | 8 | C | User of ID of requesting Individual | Pulled from requesting user's log on |

When the PARAM_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_PARAM_ATTR

| Data Element | Length | Type | Description | Mapping |
|------------------------|--------|------|---|---|
| RPT_PARAM_RPT_ID | 6 | C | Used to distinguish between AMF, LPIF, and Federal Receivables extract. | RPT_ID_VAR |
| RPT_PARAM_PARAM_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 |

| Data Element | Length | Type | Description | Mapping |
|--------------|--------|------|---|---|
| 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)

NOTE: These static values must be added to the RPT_PARM_ATTR table

| Parameter Meaning | SEQ | Attribute Populated | Possible Values |
|--------------------------------|-----|---------------------|---|
| GA Code | 2 | CHAR_VAL | * (specifies all GA's) |
| GA inactive Override indicator | 3 | CHAR_VAL | 'N' |
| Fee Paid Indicator | 5 | CHAR_VAL | 'Y' - (fee needs to be paid- info needs to be sent to FMS) |
| Backup data required indicator | 6 | CHAR_VAL | 'Y' - (backup data needs to be distributed to the GA). |
| Report Type | 11 | CHAR_VAL | 'Q' —Quarterly |
| Number of Days Back | 14 | NUM_VAL | '45' - 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 fee needs to be paid using this date. N- indicates fee not paid. |

| Parameter Meaning | SEQ | Attribute populated | Possible Values |
|--------------------------------|-----|---------------------|---|
| 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 MBR008 | 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

/*****

The following loans will be extracted from NSLDS II and used to calculate LPIF on a quarterly basis:

- 1) Loans with a guaranty date on or after 10/01/1999 (Fiscal Year 2000) and on or before MM/DD/CCYY* are evaluated further for extraction.
- 2) Loans where the guarantor has responsibility for the loan on the date of disbursement are extracted.
- 3) Use sum of disbursement amounts made on or before the quarter end date (MM/DD/CCYY*) for LPIF calculation.

- 4) NSLDS II will compare the total disbursement activity on the loan at the end of the current period to the total disbursement activity on the loan at the end of the prior period. The positive or negative difference is used in the LPIF calculation. Examples of this calculation are:
- If total disbursement activity on the loan as of the current period end is \$2000 and the total disbursement activity as of the prior period end was \$700, then \$1300 of activity will be used in the current period LPIF calculation.
 - If total disbursement activity on the loan as of the current period end is \$1500 and the total disbursement activity as of the prior period end was \$2000, then (\$-500) will be used in the current period LPIF calculation.

Note: Disbursements from prior periods reported to NSLDS II in the current period will be included in the calculation as long as the guaranty date of the loan is on or after 10/1/1999. NSLDS II will maintain a “snapshot” of cumulative disbursement activity on all loans by guarantor from the prior period to use in the current period calculation/comparison process.

*MM/DD/CCYY is adjusted based on the year and quarter. For example, for LPIF calculated for FY 2002:

| If the quarter is... | The MM/DD/CCYY is... |
|----------------------|----------------------|
| 1 | 12/31/2001 |
| 2 | 03/31/2002 |
| 3 | 06/30/2002 |
| 4 | 09/30/2002 |

```

*****/
/*Prepare the Detail Temp tables */
/*Case of the same Quarter being re-run */
Read most current Detail Cumulative table name i.e. "LPIFCUM +Quarter End Date"
If Quarter End Date = PARM_ATTR_TEMP.RPT_END_DT
    Create a new LPIF_DETAIL_TEMP_CURR temp table
    Use previous table (name "LPIFCUM +Quarter End Date - 3months") as
    LPIF_DETAIL_TEMP_PREV
/*Case of a new Quarter begin run. Once this case is run the old quarter cannot be re-run*/
Else if Quarter End Date < PARM_ATTR_TEMP.RPT_END_DT
    Create a new LPIF_DETAIL_TEMP_CURR temp table
    Drop Detail Cumulative table from two quarters ago by reading name "LPIFCUM +Quarter End
    Date - 3months"
    Use most current table (name "LPIFCUM +Quarter End Date") as LPIF_DETAIL_TEMP_PREV

/** #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 after 10/1/99. This is the inner loop; selecting Loan Guarantors (a
Loan Guarantor is associated with one unique Loan) ***/

/* Pull all loans after 10/01/99 as the LPIF regulations became effective on 10/01/99.

NOTE: In the case where a GA was responsible last quarter but are not responsible this quarter the
disbursement difference amount will be negative and will lessen their processing fee */

Read each LOAN_GUA (guarantor) associated with the GA where LOAN_GUA.RESP_BEG_DT >=
10/01/99 and LOAN_GUA.RESP_BEG_DT <= PAR_ATTR_TEMP.RPT_END_DT and
LOAN_GUA.RESP_END_DT >= PAR_ATTR_TEMP.RPT_BEG_DT and LOAN_GUA.VAL_IND (valid
indicator) = spaces

/* Determine if GA continues to have responsibility on the day of the Program Run. Note: This is to
check whether the loan has been transferred to Debt Collection or ECMC. When Debt Collection and
ECMC are reporting their Guaranty Amount, it is actually already adjusted to be net of Original
Guaranty Amount - Original Cancellation Amount. Hence, we should NOT pick up the cancellations if
they exist. */

/*Initiate Bypass Cancellation Flag variable*/

BYPASS_CAN_FLAG_VAR = 'N'

If LOAN_GUA.RESP_END_DT >= Current Date (same as Program Run date),

Continue, go to step #3/* The GA continues to be responsible */

Else /* GA no longer responsible as of the procedure run date */

OLD_RESP_END_DT_VAR = LOAN_GUA.RESP_END_DT

Loop through and read all other LOAN_GUARANTOR associated with the LOAN

If Current LOAN_GUA.RESP_BEG_DT >= OLD_RESP_END_DT_VAR

If the current LOAN_GUA.GA_CODE = '555' or '927',

Set BYPASS_CAN_FLAG_VAR = 'Y' /* DO NOT take ANY cancellation
values */

End If

End If

End Loop

End If

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

/* #3a Determine whether the GA originated the Loan*/

Read the FFEL LOAN (see definition section 1.2.4.3) associated with the current LOAN_GUA

If LOAN_GUA.RESP_BEG_DT <= LOAN.DT <= PAR_ATTR_TEMP.RPT_END_DT and
LOAN.DT >= 10/01/99,

set an originating flag to 'Y'

If LOAN_GUA.RESP_BEG_DT < LOAN.DT AND LOAN.DT=
PAR_ATTR_TEMP.RPT_END_DT

/* Indicates that only the cancellation and disbursements are accountable for this
GA This is the rare case where the loan date is equal to the quarter end date */
set the loan amount to zero.

End If

Else If LOAN.DT < 10/01/99

Bypass LOAN_GUA and Go to next LOAN_GUA /* Only take Loan Originations after
10/1/99 for LPIF */

Else /*The originating flag is NOT set to Y*/

Continue to #3b

End If

/* #3b Determine if there are any cancellations */

If BYPASS_CAN_FLAG_VAR = 'Y'

Do not pull Cancellation data and skip to #3c

Else

Read each LOAN_CAN associated with the LOAN sorted descending LOAN_CAN .DT

If LOAN_GUA.RESP_BEG_DT <= LOAN_CAN .DT <=
PAR_ATTR_TEMP.RPT_END_DT

/* Accumulate the difference amount */

CAN_AMT = CAN_AMT + LOAN_CAN.AMT_DIFF

/* Set the cancellation date to the most recent cancellation record's date*/

CAN_DT = Most recent LOAN_CAN.DT

/* #3c Determine if there are any disbursements */

Read each LOAN_DIS associated with the LOAN sorted descending LOAN_DIS .DT

If LOAN_GUA.RESP_BEG_DT <= LOAN_DIS .DT <= PAR_ATTR_TEMP.RPT_END_DT

/* Accumulate the difference amount */

DIS_AMT = DIS_AMT + LOAN_DIS.AMT_DIFF

/* Set the disbursement date to the most recent disbursement record's date*/

DIS_DT = Most recent LOAN_DIS.DT

/* #3d 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 information.

Read Loan External Identification for current loan. If a record exists, 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 |
| | CURR_LOAN_STAT_DT |
| | CURR_MAT_DT |
| | TOT_CAN |
| | TOT_DIS |
| | CURR_DIS_DATE |
| | DT |
| | AMT |
| | FFEL_DUP_ID |

| Entity/Table | Data Element |
|---------------------|---------------------|
| | OUT_PRIN_BAL |
| | OUT_PRIN_BAL_DT |
| | PER_BEG_DT |
| | PER_END_DT |
| | CURR_CAN_DT |
| STUDENT | CURR_FST |
| | CURR_LST |
| | CURR_SSN |
| | DOB |
| PLUS_BORR | CURR_FST |
| | CURR_LST |
| | CURR_SSN |
| | DOB |
| LOAN STATUS | 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_CAN | DT |
| | AMT_DFF |
| LOAN_EXTL_ID | SRC |
| | CODR |
| | SYS_CR_DATE |

1.2.4.2 Outputs

LPIF_DETAIL_TEMP (PREV and CURR have same layout)

| 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 |
| PLUS_BO_LST | 35 | C | Applicable to PLUS (PL) Loans only. It will be set to spaces otherwise. | PLUS_BO.CURR_LST |
| LOAN_AMT | 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 |

| Data Element | Length | Type | Description | Mapping |
|--------------------------|---------------|-------------|---|--|
| DIS_DT | 8 | D | Date of last Disbursement as reported to NSLDS, after 10/01/1999 and before the report period end date and not included in LPIF detailed file, in prior reporting periods (Quarters). CCYYMMDD format. | LOAN.CURR_DIS_DT or LOAN_DIS.DT (see procedure logic) |
| DIS_AMT | 6 | N | The cumulative amount of loan disbursement last reported to NSLDS after 10/01/1999 before the reporting period end date, and not included in LPIF detailed file in prior reporting periods (Quarters).. | LOAN.TOT_DIS or LOAN_DIS.CUM_AMT (see procedure logic) |
| CAN_DT | 8 | D | Date of last cancellation as reported to NSLDS, after 10/01/1999 and before the report period end date and not included in LPIF detailed file, in prior reporting periods (Quarters). CCYYMMDD format | LOAN.CURR_CAN_DT or LOAN_CAN.DT (see procedure logic) |
| CAN_AMT | 6 | N. | The cumulative amount of loan cancellation last reported to NSLDS after 10/01/1999 and before the reporting period end date, and not included in LPIF detailed file, in prior reporting periods (Quarters). | LOAN.TOT_CAN or LOAN_CAN.CUM_AMT (see procedure logic) |
| LOAN_GU A_RESP_BEG_DT | 8 | D | Responsible Begin Date for Loan Guarantor | LOAN_GUA.RES P_BEG_DT |
| LOAN_GU A_RESP_END_DT | 8 | D | Responsible End Date for Loan Guarantor | LOAN_GUA.RES P_END_DT |
| RPT_BEG_DT | 8 | D | Start Date of Quarter in CCYYMMDD format. | PARM_ATTR_TEMP.RPT_BEG_DT |
| RPT_END_DT | 8 | D | End Date of Quarter in CCYYMMDD format. | PARM_ATTR_TEMP.RPT_END_DT |
| LOAN_GU A_GA_CODE | 3 | C | Responsible Guaranty Agency Code | LOAN_GUA.GA_CODE |
| LOAN_NO | 9 | C | Number, which uniquely identifies a specific loan. | LOAN.NO |
| LOAN_STU _SEQ_NO | 4 | C | Number, which denotes attribute of the originating student when the loan was created. | LOAN.STU_SEQ_NO |
| LOAN_SEQ _NO | 4 | C | Number that keeps the student number unique. | LOAN.SEQ_NO |

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 |
|-----------------|-------------|-----------------|
| Open | ID | In School/Grace |
| | DA | Deferral |
| | FB | Forbearance |
| | RP | Repayment |

1.2.5 Computational Logic – Calculate Delta in Detail Data

/*****
LPIF calculations are made by comparing the LPIF_DETAIL_TEMP_CURR (current month's detail data) and LPIF_DETAIL_TEMP_PREV (previous month's detail data) tables. The two tables are compared at record level to generate the LPIF_ACTIVITY_DETAIL_TEMP (activity records detail) table. The records of both the tables are matched using the values in the key fields of GA code, loan number, and loan supplemental number and loan sequential number. To examine the activity Amounts of Guaranty Amount, Cancellation Amount, and Disbursement Amount, the following Criteria should be evaluated:

- Amount different for the same activity between two periods
- New activity for the same loan number between the two periods
- Deletion of activity between the periods

*****/

Where the values in the key fields (GA code, loan number, and loan supplemental number and loan sequential number) are equal

If all amounts (LOAN_AMT, DIS_AMT, and CAN_AMT) are equal in the LPIF_DETAIL_TEMP_CURR and LPIF_DETAIL_TEMP_PREV tables /*The record did not change between the past and present periods*/

Bypass the record

Else /*There is a change in the record*/

Write this record in the LPIF_ACTIVITY_DETAIL_TEMP table after computing the Difference Amount as below:

LPIF_ACTIVITY_DETAIL_TEMP.LOAN_AMT_DIFF =
LPIF_DETAIL_TEMP_CURR.LOAN_AMOUNT -
LPIF_DETAIL_TEMP_PREV.LOAN_AMOUNT

LPIF_ACTIVITY_DETAIL_TEMP.CAN_AMT_DIFF =
LPIF_DETAIL_TEMP_CURR.CAN_AMOUNT -
LPIF_DETAIL_TEMP_PREV.CAN_AMOUNT

LPIF_ACTIVITY_DETAIL_TEMP.DIS_AMT_DIFF =
LPIF_DETAIL_TEMP_CURR.DIS_AMOUNT -
LPIF_DETAIL_TEMP_PREV.DIS_AMOUNT

End If

Where value of the key fields in LPIF_DETAIL_TEMP_CURR <> any of the values in the LPIF_DETAIL_TEMP_PREV /*There is a new activity for the current period*/

Write this record of Present Activity file in the LPIF_ACTIVITY_DETAIL_TEMP table after initializing the previous amount to zeroes and after computing the Difference Amount for guaranty, cancellation, and disbursements:

LPIF_ACTIVITY_DETAIL_TEMP.LOAN_AMT_PREV = 0
LPIF_ACTIVITY_DETAIL_TEMP.CAN_AMT_PREV = 0
LPIF_ACTIVITY_DETAIL_TEMP.DIS_AMT_PREV = 0

LPIF_ACTIVITY_DETAIL_TEMP.LOAN_AMT_DIFF =
LPIF_DETAIL_TEMP_CURR.LOAN_AMOUNT -
LPIF_ACTIVITY_DETAIL_TEMP.LOAN_AMT_PREV

LPIF_ACTIVITY_DETAIL_TEMP.CAN_AMT_DIFF =
LPIF_DETAIL_TEMP_CURR.CAN_AMOUNT -
LPIF_ACTIVITY_DETAIL_TEMP.CAN_AMT_PREV

LPIF_ACTIVITY_DETAIL_TEMP.DIS_AMT_DIFF =
LPIF_DETAIL_TEMP_CURR.DIS_AMOUNT -
LPIF_ACTIVITY_DETAIL_TEMP.DIS_AMT_PREV

Where value of the key fields in LPIF_DETAIL_TEMP_PREV <> any of the values in the LPIF_DETAIL_TEMP_CURR /* There was a deletion of records during the current period*/

Write this record of Previous Activity File in the LPIF_ACTIVITY_DETAIL_TEMP table after initializing the present amount to zeroes and after computing the Difference Amount for guaranty, cancellation, and disbursements.

LPIF_ACTIVITY_DETAIL_TEMP.LOAN_AMT_CURR = 0
LPIF_ACTIVITY_DETAIL_TEMP.CAN_AMT_CURR = 0
LPIF_ACTIVITY_DETAIL_TEMP.DIS_AMT_CURR = 0

LPIF_ACTIVITY_DETAIL_TEMP.LOAN_AMT_DIFF =
LPIF_ACTIVITY_DETAIL_TEMP.LOAN_AMT_CURR -
LPIF_DETAIL_TEMP_PREV.LOAN_AMOUNT -

LPIF_ACTIVITY_DETAIL_TEMP.CAN_AMT_DIFF =
LPIF_ACTIVITY_DETAIL_TEMP.CAN_AMT_CURR -
LPIF_DETAIL_TEMP_PREV.CAN_AMOUNT

LPIF_ACTIVITY_DETAIL_TEMP.DIS_AMT_DIFF =
LPIF_ACTIVITY_DETAIL_TEMP.DIS_AMT_CURR -
LPIF_DETAIL_TEMP_PREV.DIS_AMOUNT

1.2.5.1 Inputs

LPIF_DETAIL_TEMP_PREV and LPIF_DETAIL_TEMP_CURR (See 1.2.4.2 Outputs for layout)

1.2.5.2 Outputs

LPIF_ACTIVITY_DETAIL_TEMP

| Data Element | Length | Type | Description | Mapping |
|--------------|--------|------|--|-------------------------------|
| STU_SSN | 9 | C | Title IV aid recipient or beneficiary's SSN. | LPIF_DETAIL_TEMP_CURR.STU_SSN |
| STU_DOB | 8 | D | Date when a Title IV aid recipient or beneficiary was born in CCYYMMDD format. | LPIF_DETAIL_TEMP_CURR.STU_DOB |
| STU_FST | 12 | C | Title IV aid recipient or beneficiary's first name. | LPIF_DETAIL_TEMP_CURR.STU_FST |

| Data Element | Length | Type | Description | Mapping |
|-------------------|--------|------|--|--|
| STU_LST | 35 | C | Title IV aid recipient or beneficiary's last name. | LPIF_DETAIL TEMP_CURR.STU _LST |
| LOAN_TYPE | 2 | C | An indicator for a specific loan program (e.g., CL-Consolidated, FI-Federally Insured Student Loan). | LPIF_DETAIL TEMP_CURR.LO AN_TYPE |
| LOAN_DT | 8 | D | Date the FFEL loan was originally guaranteed in CCYYMMDD format. | LPIF_DETAIL TEMP_CURR.LO AN_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. | LPIF_DETAIL TEMP_CURR.LO AN_FFEL_DUP_I D |
| SCH_CODE | 8 | C | OPE code for school in which student was enrolled or accepted for enrollment at the time the loan was made. | LPIF_DETAIL TEMP_CURR.SCH _CODE |
| LOAN_EXTL_ID_CODE | 21 | C | Unique ID that has been assigned to a loan by the GA (optional). | LPIF_DETAIL TEMP_CURR.LO AN_EXTL_ID_CO DE |
| PLUS_BO_SSN | 9 | C | Applicable to PLUS (PL) Loans only. It is set to spaces otherwise. | LPIF_DETAIL TEMP_CURR.PLU S_BO_SSN |
| PLUS_BO_DOB | 8 | D | Applicable to PLUS (PL) Loans only. It is set to spaces otherwise. | LPIF_DETAIL TEMP_CURR.PLU S_BO_DOB |
| PLUS_BO_FST | 12 | C | Applicable to PLUS (PL) Loans only. It is set to spaces otherwise. | LPIF_DETAIL TEMP_CURR.PLU S_BO_FST |
| PLUS_BO_LST | 35 | C | Applicable to PLUS (PL) Loans only. It is set to spaces otherwise. | LPIF_DETAIL TEMP_CURR.PLU S_BO_LST |
| LOAN_AMT_CURR | 6 | N | Original dollar amount, before any cancellations, of the FFEL loan guaranty. | LPIF_DETAIL TEMP_CURR.LO AN_AMT |
| LOAN_AMT_PREV | 6 | N | The amount of loan guaranty as reported by the GA after 10/01/1999, before the reporting period (Quarter) begin date, and included in LPIF detailed file in a previous reporting period after the GA originated or became responsible. | LPIF_DETAIL TEMP_PREV.LOA N_AMT |

| Data Element | Length | Type | Description | Mapping |
|---------------------------|--------|------|--|---|
| LOAN_AMT_DIFF | 6 | N | Difference between amount of guaranty current period and amount of guaranty prior period. | See Procedure Logic |
| CAN_DT ¹ | 8 | D | Date of last cancellation as reported to NSLDS, after 10/01/1999 and before the report period end date, and not included in LPIF detailed file in prior reporting periods (Quarters). CCYYMMDD format. | LPIF_DETAIL TEMP_CURR.CA N_DT |
| CAN_AMT_CURR ¹ | 6 | N | The cumulative amount of loan cancellation last reported to NSLDS, after 10/01/1999 and before the reporting period end date, and not included in LPIF detailed file in prior reporting periods (Quarters). | LPIF_DETAIL TEMP_CURR.CA N_AMT |
| CAN_AMT_PREV ² | 6 | N | The amount of loan cancellation as reported by the GA, after 10/01/1999 and before the reporting period (Quarter) begin date, and included in LPIF detailed file in a previous reporting period after the GA originated or became responsible. It includes only the cancellations that this GA is responsible for. | LPIF_DETAIL TEMP_PREV.CA N_AMT |
| CAN_AMT_DIFF | 6 | N | Difference. Of Cancellation Amount current period and prior period. | See Procedure Logic |
| DIS_DT ¹ | 8 | D | Date of last disbursement as reported to NSLDS, after 10/01/1999 and before the report period end date and not included in LPIF detailed file in prior reporting periods (Quarters). CCYYMMDD format. | LPIF_DETAIL TEMP_CURR.DIS _DT |
| DIS_AMT_CURR ¹ | 6 | N | The cumulative amount of loan disbursement last reported to NSLDS after 10/01/1999 and before the reporting period end date, and not included in LPIF detailed file in prior reporting periods (Quarters). | LPIF_DETAIL TEMP_CURR.DIS _AMT |
| DIS_AMT_PREV ² | 6 | N | The amount of loan disbursement as reported by the GA after 10/01/1999 and before the reporting period (Quarter) begin date, and included in LPIF detailed file in a previous reporting period after the GA became responsible. (Quarters). It includes only the disbursements that this GA is responsible for. | LPIF_DETAIL TEMP_PREV.DIS_ AMT |
| DIS_AMT_DIFF | 6 | N | Difference of Disbursement Amount current period and prior period. | See Procedure Logic |
| LOAN_GUA_RESP_BEG_DT | 8 | D | Begin Date when the GA was responsible for a particular loan. | LPIF_DETAIL TEMP_CURR.LO AN_GUA_RESP_ BEG_DT |
| LOAN_GUA_RESP_END_DT | 8 | D | End Date when the GA was responsible for a particular loan. | LPIF_DETAIL TEMP_CURR.LO AN_GUA_RESP_ END_DT |

| Data Element | Length | Type | Description | Mapping |
|--------------|--------|------|---|---|
| RPT_BEG_DT | 8 | D | Start Date of Quarter; CCYYMMDD format. | LPIF_DETAIL TEMP_CURR.RPT _BEG_DT |
| RPT_END_DT | 8 | D | End Date of Quarter; CCYYMMDD format. | LPIF_DETAIL TEMP_CURR. RPT_END_DT |
| GA_CODE | 3 | C | Identification Code for GA. | LPIF_DETAIL TEMP_CURR.GA_ CODE ³ |

Note: ¹This date must be greater than 10/01/1999. If a Disbursement/Cancellation is received late i.e. past the quarter in which the event took place the detailed record will be included in the file, as long as the disbursement/cancellation date is greater than 10/01/1999.

²This may be different at this point of time if GA has made any past period change. However, NSLDS will use the figures that were used to compute in the prior period, not figures with past period corrections.

³This note applies to mappings for ALL data elements. For cases where the record exists in Previous detail table but not the Current detail table, the mappings will be to the LPIF_DETAIL TEMP_PREV table.

1.2.6 Computational Logic – Calculate LPIF Summary

```

/*****
This piece of the LPIF procedure sums the detail LPIF data and then loads the GA_SUM table. The data
is summarized by GA and then by loan type within the GA. The process also computes the LPIF for
each GA. To compute the LPIF, the disbursement amount difference is used multiplied by the current
rate. The current rate is stored on the validation translation table by the year the rate became effective.
The table is read in descending order to pick up the latest rate in effect for the year being processed.
*****/

```

```

/* Retrieve the current LPIF Rate */
Select LKUP_RSLT from VAL_TRSL_TAB (Validation Translation Table)
Where LKUP_TYPE_NM = 'LPIF FEE RATE'
And LKUP_ID <= PARM_ATTR_TEMP.RPT_END_DT (report end date)
Order By LKUP_ID Descending

```

Set LPIF_RATE_VAR = LKUP_RSLT * .0001

```

/* Note: Since rates stored on the validation translation table are stored in whole numbers, the value is
multiplied by .0001. As stored in VAL_TRSL_TAB, LKUP_RSLT is 65 from fiscal year beginning
10/01/99 (FY 2000) */

```

/* Calculate the following using the LPIF_DETAIL_ACTIVITY_TEMP table */

Group LPIF_DETAIL_ACTIVITY_TEMP by GA

SUM Total Guaranty Amount (across all loan types)

Set NSLDS Assigned Code to 8950

Leave Loan Type blank

SUM Total Cancellation Amount (across all loan types)

Set NSLDS Assigned Code to 8951

Leave Loan Type blank

SET Total Disbursement Amount (across all loan types)

Set NSLDS Assigned Code to 8952

Leave Loan Type blank

/* Loan Processing Issuance Fee only calculated across all loan types, not for single loan types*/

SET Loan Processing Issuance Fee = Total Disbursement Amount * LPIF_RATE_VAR (across all loan type)

Set NSLDS Assigned Code to 8933

Leave Loan Type blank

Group LPIF_DETAIL_ACTIVITY_TEMP by GA and then Loan type

SUM Total Guaranty Amount (For a single loan type)

Set NSLDS Assigned Code to 8950

SUM Total Cancellation Amount (For a single loan type)

Set NSLDS Assigned Code to 8951

SET Total Disbursement Amount (For a single loan type)

Set NSLDS Assigned Code to 8952

Set GA_SUM.OFFC_RUN_IND = PARM_ATTR_TEMP.FEE_PAY_IND

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 = LPIF_DETAIL_TEMP.LOAN_GUA_GA_CODE and AGG_DESC_DET_ID = (LPIF_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.

/*Note: The LPIF **Summary Interface** (see *I-FMS-1 interface document*) pulls only records where
PARM_ATTR_TEMP.FEE_PAY_IND = 'Y'*/
If PARM_ATTR_TEMP.FEE_PAY_IND = 'Y'

Back up Detail Cumulative table named as "LPIFCUM +*Quarter End Date*", if there is already an
official table for the same quarter it must first be dropped.

Kick off the **Individual GA LPIF Loan detail File Create, Transmit, and Backup** procedure

1.2.6.1 Inputs

PARM_ATTR_TEMP (see 1.2.3.2 Outputs for layout)

LPIF_DETAIL_ACTIVITY_TEMP (see 1.2.5.2 Outputs for layout)

1.2.6.2 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 LPIF Loan Type is used | See Procedure Logic (LPIF_DETAIL_ACTIVITY_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 (NSLDS Assigned Code) |
| 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 (summed amount) |

| 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 ('R' or 'O') |
| GA_CODE | 3 | C | Three-digit, all numeric identification code of the GA guaranteeing a FFEL Program Loan. | PARAM_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 – LPIF processing currently does not use this element | 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. | PARAM_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. | PARAM_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. | PARAM_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 |

1.2.6.3 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 |
| Loan Processing and Issuance Fee | AR-33 | 8933 |
| Account Maintenance Fee | AR-34 | 8934 |
| LPIF Guaranty Amount | | 8950 |
| LPIF Cancellation Amount | | 8951 |
| LPIF Disbursement Amount | | 8952 |

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

1.2.7 Procedure Assumptions

| # | Assumption |
|----------|---|
| 1 | LPIF is computed as of the date of the run. |
| 2 | 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. |
| 3 | When the difference is calculated between the current and previous quarters, the only fields that are matched are GA code, loan number, loan supplemental number, and loan sequential number. If there are changes in any of the other fields (e.g. SSN) the most current data will be used when populating the difference activity detail table. |

1.3 Individual GA LPIF Loan Detail File Create, Transmit, and Backup

1.3.1 Procedure Specifications

| | |
|---|---|
| Procedure Name: | Individual GA LPIF Loan detail File Create, Transmit, and Backup |
| Procedure Short Description: | This procedure creates the GA LPIF Loan Detail File and transmits to the GAs |
| Data Source: | LPIF_DETAIL_TEMP_CURR, LPIF_DETAIL_ACTIVITY_TEMP and GA_SUM data populated during the LPIF 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: | 5.038, 5.040 |
| Output Media: | Flat Files in EBCDIC format put to Tape for distribution |
| Output Target Platform: | NSLDS II DB2 EEE |
| Output Storage Requirements: | 36 GAs, each with 2 files with snap shots current data and difference data of all loans as of Fiscal Quarter end |
| Related Interfaces/Screens: | FMS (See Interface Detail Design: I-FMS-1 Section 1.3 LPIF Summary Interface) MBR008 (See NSLDS II Reengineering Screens Detail Design: Exception Reports Section 3.12 Loan Processing and Issuance Report Parameter) |

1.3.2 Procedure Flow

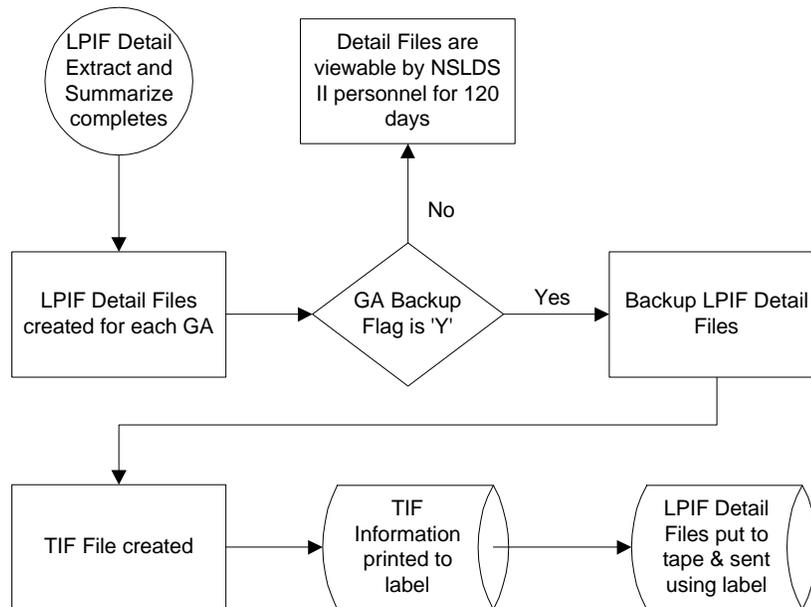


Figure 3, Individual GA LPIF Loan detail File Create, Transmit, and Backup

1.3.3 Computational Logic – Generate LPIF Detail

/*
/*****
This procedure creates two separate files for each GA, one with LPIF_DETAIL_TEMP_CURR table data and the other with LPIF_DETAIL_ACTIVITY_TEMP table data. The separate files will be transmitted to each GA and contain the detail records for the fees to be paid by FSA. 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'

/* LPIF_DETAIL_TEMP_CURR – CUMULATIVE File

Note: The cumulative file reflects all loans in current quarter regardless of there being a change from the previous quarter*/

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

/* For Request with No backup, 'C' in 'NSLPC' indicates the files will not be spooled to tape. The dataset name is set as NSLPC +User ID +GA Code +LPIFCUM + Quarter End Date +Time Stamp (CCYYMMDDHH:MM:SS) for example
NSLPC.S2S12345.GA375.LPIFCUM09312002.2002111409:16:30 */

Set DATASET_NM_VAR =

'NSLPC.'PARM_ATTR_TEMP.UID'. 'GA_SUM.GA_CODE'.LPIFCUM'GA_SUM.RPT_END_DT'. 'GA_SUM. SYS_CR_DT GA_SUM. SYS_CR_TM

Write Header Record

Write all the LPIF 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

/* LPIF_DETAIL_ACTIVITY_TEMP – Difference File

Note: The difference file reflects only loan data where there was a difference between the current and previous quarters*/

Repeat the same steps as the Cumulative file except select detail records from the LPIF_DETAIL_ACTIVITY_TEMP table and use 'LPIF' instead of 'LPIFCUM' when setting the dataset name.

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

/* LPIF_DETAIL_TEMP_CURR – CUMULATIVE File */

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

/* The dataset name is set as NSLPT +User ID + GA Code +LPIFCUM +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'.LPIFCUM'GA_SUM.RPT_END_DT'.GA_SUM.SYS_CR_DT GA_SUM.SYS_CR_TM

Write Header Record

Write all the LPIF 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

/* LPIF_DETAIL_ACTIVITY_TEMP – Difference File*/

Repeat the same steps as the Cumulative file except select detail records from the LPIF_DETAIL_ACTIVITY_TEMP table and use 'LPIF' instead of 'LPIFCUM' when setting the dataset name.

/*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)

LPIF_DETAIL_TEMP_CURR (see 1.2.4.2 Outputs for layout)

LPIF_DETAIL_ACTIVITY_TEMP (see 1.2.5.2 Outputs for layout)

GA_SUM (see 1.2.6.2 Outputs for layout)

TIF_INFO

| 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 Cumulative LPIF 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' |
| Code for GA | 10 | 3 | C | Identification code for guaranty agency | GA_SUM.GA_CODE |
| Report Begin Date | 13 | 8 | D | Start date of fiscal year; CCYYMMDD format | GA_SUM.REP_T_BEG_DT |
| Report End Date | 21 | 8 | D | End date of fiscal year; CCYYMMDD format | GA_SUM.REP_T_END_DT |
| Filler | 29 | 1 | C | Spaces | Spaces |
| Create Date | 30 | 8 | D | Date on which the file is created; CCYYMMDD format | GA_SUM.SYS_CR_DT |
| Create Time | 38 | 8 | C | Time when the file is created; HH:MM:SS format | GA_SUM.SYS_CR_TM |
| File Description | 46 | 30 | C | 'GA LPIF CUMULATIVE DETAIL HEADER' | 'GA LPIF CUMULATIVE DETAIL HEADER' |
| Filler | 76 | 225 | C | Spaces | Spaces |

GA Cumulative LPIF 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 | LPIF_DETAIL_TEMP_CURR.STU_SSN |
| Date of Student's Birth | 10 | 8 | D | Date when a Title IV aid recipient or beneficiary was born; CCYYMMDD format | LPIF_DETAIL_TEMP.STU_DOB |
| Student's First Name | 18 | 12 | C | Title IV aid recipient or beneficiary's first name | LPIF_DETAIL_TEMP.STU_FST |

| Data Element | Field Position | Length | Type | Description | Mapping |
|--|-----------------------|---------------|-------------|--|---|
| Student's Last Name | 30 | 35 | C | Title IV aid recipient or beneficiary's last name | LPIF_DETAIL_TEMP_CURR.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. | LPIF_DETAIL_TEMP_CURR.LOAN_TYPE |
| Date of Guaranty | 67 | 8 | D | Date the FFEL loan was originally guaranteed; CCYYMMDD format | LPIF_DETAIL_TEMP_CURR.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 | LPIF_DETAIL_TEMP_CURR.LOAN_FFEL_DUP_ID |
| 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 | LPIF_DETAIL_TEMP_CURR.SCH_CODE |
| GA Unique Loan ID | 84 | 21 | C | Unique ID that has been assigned to a loan by the Guaranty agency (optional Future) | LPIF_DETAIL_TEMP_CURR.LOAN_EXTL_ID_CODE |
| PLUS Borrower's Social Security Number | 105 | 9 | C | Applicable to PLUS (PL) Loans only. It will be set to spaces otherwise. | LPIF_DETAIL_TEMP_CURR.PLUS_BOSSN |
| PLUS Borrower's Date of Birth | 114 | 8 | D | Applicable to PLUS (PL) Loans only. It will be set to spaces otherwise. | LPIF_DETAIL_TEMP_CURR.PLUS_BO_DOB |
| PLUS Borrower's First Name | 122 | 12 | C | Applicable to PLUS (PL) Loans only. It will be set to spaces otherwise. | LPIF_DETAIL_TEMP_CURR.PLUS_BO_FST |

| Data Element | Field Position | Length | Type | Description | Mapping |
|---------------------------------------|-----------------------|---------------|-------------|---|--|
| PLUS Borrower's Last Name | 134 | 35 | C | Applicable to PLUS (PL) Loans only. It will be set to spaces otherwise. | LPIF_DETAIL_TEMP_CURR.PLUS_BORROWER_LAST_NAME |
| Amount of Guaranty Current Period | 169 | 6 | N | Original dollar amount, before any cancellations, of the FFEL loan guaranty. | LPIF_DETAIL_TEMP_CURR.LOAN_AMOUNT |
| Filler | 175 | 6 | N | Zeros | '000000' |
| Filler | 181 | 6 | N | Zeros | '000000' |
| Date of Cancellation | 187 | 8 | D | Date of last cancellation as reported to NSLDS, after 10/01/1999 and before the report period end date, and not included in LPIF detailed file in prior reporting periods (Quarters). CCYYMMDD format. | LPIF_DETAIL_TEMP_CURR.CAN_CANCELLATION_DATE |
| Amount of Cancellation Current Period | 195 | 6 | N | The cumulative amount of loan cancellation last reported to NSLDS, after 10/01/1999 and before the reporting period end date, and not included in LPIF detailed file in prior reporting periods (Quarters). | LPIF_DETAIL_TEMP_CURR.CAN_AMOUNT |
| Filler | 201 | 6 | N | Zeros | '000000' |
| Filler | 207 | 6 | N | Zeros | '000000' |
| Date of Disbursement | 213 | 8 | D | Date of last disbursement as reported to NSLDS, after 10/01/1999 and before the report period end date and not included in LPIF detailed file in prior reporting periods (Quarters). CCYYMMDD format. | LPIF_DETAIL_TEMP_CURR.DIS_DATE |
| Amount of Disbursement Current Period | 221 | 6 | N | The cumulative amount of loan disbursement last reported to NSLDS after 10/01/1999 and before the reporting period end date, and not included in LPIF detailed file in prior reporting periods (Quarters). | LPIF_DETAIL_TEMP_CURR.DIS_AMOUNT |
| Filler | 227 | 6 | N | Zeros | '000000' |
| Filler | 233 | 6 | N | Zeros | '000000' |
| Responsibility Begin Date | 239 | 8 | D | Begin Date when the GA was responsible for a particular loan. | LPIF_DETAIL_TEMP_CURR.LOAN_GUARANTEE_RESP_BEGIN_DATE |

| Data Element | Field Position | Length | Type | Description | Mapping |
|-------------------------|----------------|--------|-------|---|--|
| Responsibility End Date | 247 | 8 | D | End Date when the GA was responsible for a particular loan. | LPIF_DETAIL_TEMP_CURRENT.LOAN_GUARANTY_RESP_END_DT |
| Report Begin Date | 255 | 8 | D | Start Date of Quarter; CCYYMMDD format. | LPIF_DETAIL_TEMP_CURRENT.RPT_BEGIN_DT |
| Report End Date | 263 | 8 | D | End Date of Quarter; CCYYMMDD format. | LPIF_DETAIL_TEMP_CURRENT.RPT_END_DT |
| Code for GA | 271 | 3 | C | Identification Code for GA. | LPIF_DETAIL_TEMP_CURRENT.GA_CODE |
| Filler | 274 | 27 | Char. | Spaces | Spaces |

GA Cumulative LPIF 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; '999999999' | '999999999' |
| Code for GA | 10 | 3 | C | Identification code for guaranty agency | GA_SUM.GA_CODE |
| File Description | 13 | 30 | C | 'GA LPIF CUMULATIVE DETAIL TRAILER' | 'GA LPIF CUMULATIVE DETAIL TRAILER' |
| Total Number of Detail Records | 43 | 9 | N. | This number reflects the number of detail records contained in the current file excluding header and trailer. | See Procedure Logic (Select from detail table and group to calculate the sum) |

| Data Element | Field Position | Length | Type | Description | Mapping |
|---------------------------|-----------------------|---------------|-------------|--|---|
| Total Guaranty Amount | 52 | 15 | N | The sum of all guaranty amounts in this file | See Procedure Logic (Select from detail table and group to calculate the sum) |
| Total Cancellation Amount | 67 | 15 | N | The sum of all cancellation amounts in this file | See Procedure Logic (Select from detail table and group to calculate the sum) |
| Total Net Guaranty Amount | 82 | 15 | N | The difference between the Total Guaranty Amount and the Total Cancellation Amount; signed numeric field | See Procedure Logic (Select from detail table and group to calculate the sum) |
| Filler | 97 | 204 | C | Spaces | Spaces |

GA LPIF 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' |
| Code for GA | 10 | 3 | C | Identification code for guaranty agency | GA_SUM.GA_CODE |
| Report Begin Date | 13 | 8 | D | Start date of fiscal year; CCYYMMDD format | GA_SUM.RPT_BEG_DT |
| Report End Date | 21 | 8 | D | End date of fiscal year; CCYYMMDD format | GA_SUM.RPT_END_DT |
| Filler | 29 | 1 | C | Spaces | Spaces |

| Data Element | Field Position | Length | Type | Description | Mapping |
|------------------|----------------|--------|------|--|-------------------------------|
| Create Date | 30 | 8 | D | Date on which the file is created; CCYYMMDD format | GA_SUM.SY S_CR_DT |
| Create Time | 38 | 8 | C | Time when the file is created; HH:MM:SS format | GA_SUM.SY S_CR_TM |
| File Description | 46 | 30 | C | 'GA LPIF DETAIL HEADER' | 'GA LPIF DETAIL HEADER' |
| Filler | 76 | 225 | C | Spaces | Spaces |

GA LPIF 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 | LPIF_DETAI L_ACTIVITY _TEMP.STU_ SSN |
| Date of Student's Birth | 10 | 8 | D | Date when a Title IV aid recipient or beneficiary was born; CCYYMMDD format | LPIF_DETAI L_ACTIVITY _TEMP.STU_ DOB |
| Student's First Name | 18 | 12 | C | Title IV aid recipient or beneficiary's first name | LPIF_DETAI L_ACTIVITY _TEMP.STU_ FST |
| Student's Last Name | 30 | 35 | C | Title IV aid recipient or beneficiary's last name | LPIF_DETAI L_ACTIVITY _TEMP .STU_LST |
| Type of Loan | 65 | 2 | C | Code indicating type of aid received or guaranteed. (e.g. SF-Stafford, SU-Unsubsidized Stafford, PL-Plus etc) | LPIF_DETAI L_ACTIVITY _TEMP.LOA N_TYPE |
| Date of Guaranty | 67 | 8 | D | Date the FFEL loan was originally guaranteed; CCYYMMDD format | LPIF_DETAI L_ACTIVITY _TEMP.LOA N_DT |

| Data Element | Field Position | Length | Type | Description | Mapping |
|--|-----------------------|---------------|-------------|--|---|
| 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 | LPIF_DETAIL_ACTIVITY_TEMP.LOAN_FFEL_DUP_ID |
| 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 | LPIF_DETAIL_ACTIVITY_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) | LPIF_DETAIL_ACTIVITY_TEMP.LOAN_EXTL_ID_CODE |
| PLUS Borrower's Social Security Number | 105 | 9 | C | Applicable to PLUS (PL) Loans only. It will be set to spaces otherwise. | LPIF_DETAIL_ACTIVITY_TEMP.PLUS_BO_SSN |
| PLUS Borrower's Date of Birth | 114 | 8 | D | Applicable to PLUS (PL) Loans only. It will be set to spaces otherwise. | LPIF_DETAIL_ACTIVITY_TEMP.PLUS_BO_DOB |
| PLUS Borrower's First Name | 122 | 12 | C | Applicable to PLUS (PL) Loans only. It will be set to spaces otherwise. | LPIF_DETAIL_ACTIVITY_TEMP.PLUS_BO_FST |
| PLUS Borrower's Last Name | 134 | 35 | C | Applicable to PLUS (PL) Loans only. It will be set to spaces otherwise. | LPIF_DETAIL_ACTIVITY_TEMP.PLUS_BO_LST |
| Amount of Guaranty Current Period | 169 | 6 | N | Original dollar amount, before any cancellations, of the FFEL loan guaranty. | LPIF_DETAIL_ACTIVITY_TEMP.LOAN_AMT |
| Amount of Guaranty Prior Period | 175 | 6 | N | The amount of loan guaranty as reported by the GA after 10/01/1999, before the reporting period (Quarter) begin date, and included in LPIF detailed file in a previous reporting period after the GA originated or became responsible. | LPIF_DETAIL_ACTIVITY_TEMP.LOAN_AMT |

| Data Element | Field Position | Length | Type | Description | Mapping |
|---------------------------------------|-----------------------|---------------|-------------|--|---|
| Difference Guaranty Amount | 181 | 6 | N | Difference between amount of guaranty current period and amount of guaranty prior period. | LPIF_DETAIL_ACTIVITY_TEMP.LOAN_AMT_DIFF |
| Date of Cancellation | 187 | 8 | D | Date of last cancellation as reported to NSLDS, after 10/01/1999 and before the to report period end date, and not included in LPIF detailed file in prior reporting periods (Quarters). CCYYMMDD format. | LPIF_DETAIL_ACTIVITY_TEMP.CAN_DT |
| Amount of Cancellation Current Period | 195 | 6 | N | The cumulative amount of loan cancellation last reported to NSLDS, after 10/01/1999 and before the reporting period end date, and not included in LPIF detailed file in prior reporting periods (Quarters). | LPIF_DETAIL_ACTIVITY_TEMP.CAN_AMT |
| Amount of Cancellation Prior Period | 201 | 6 | N. | The amount of loan cancellation as reported by the GA, after 10/01/1999 and before the reporting period (Quarter) begin date, and included in LPIF detailed file in a previous reporting period after the GA originated or became responsible. It includes only the cancellations that this GA is responsible for. | LPIF_DETAIL_ACTIVITY_TEMP.CAN_AMT |
| Difference Cancellation Amount | 207 | 6 | N | Difference. Of Cancellation Amount current period and prior period. | LPIF_DETAIL_ACTIVITY_TEMP.CAN_AMT_DIFF |
| Date of Disbursement | 213 | 8 | D | Date of last disbursement as reported to NSLDS, after 10/01/1999 and before the report period end date and not included in LPIF detailed file in prior reporting periods (Quarters). CCYYMMDD format. | LPIF_DETAIL_ACTIVITY_TEMP.DIS_DT |
| Amount of Disbursement Current Period | 221 | 6 | N | The cumulative amount of loan disbursement last reported to NSLDS after 10/01/1999 and before the reporting period end date, and not included in LPIF detailed file in prior reporting periods (Quarters). | LPIF_DETAIL_ACTIVITY_TEMP.DIS_AMT |

| Data Element | Field Position | Length | Type | Description | Mapping |
|-------------------------------------|-----------------------|---------------|-------------|---|--|
| Amount of Disbursement Prior Period | 227 | 6 | N | The amount of loan disbursement as reported by the GA after 10/01/1999 and before the reporting period (Quarter) begin date, and included in LPIF detailed file in a previous reporting period after the GA became responsible. (Quarters). It includes only the disbursements that this GA is responsible for. | LPIF_DETAIL_ACTIVITY_TEMP.DIS_AMT |
| Difference Disbursement Amount | 233 | 6 | N | Difference of Disbursement Amount current period and prior period. | LPIF_DETAIL_ACTIVITY_TEMP.DIS_AMT_DIFF |
| Responsibility Begin Date | 239 | 8 | D | Begin Date when the GA was responsible for a particular loan. | LPIF_DETAIL_ACTIVITY_TEMP.LOAN_GUA_RESP_BEG_DT |
| Responsibility End Date | 247 | 8 | D | End Date when the GA was responsible for a particular loan. | LPIF_DETAIL_ACTIVITY_TEMP.LOAN_GUA_RESP_END_DT |
| Report Begin Date | 255 | 8 | D | Start Date of Quarter; CCYYMMDD format. | LPIF_DETAIL_ACTIVITY_TEMP.RPT_BEG_DT |
| Report End Date | 263 | 8 | D | End Date of Quarter; CCYYMMDD format. | LPIF_DETAIL_ACTIVITY_TEMP.RPT_END_DT |
| Code for GA | 271 | 3 | C | Identification Code for GA. | LPIF_DETAIL_ACTIVITY_TEMP.GA_CODE |
| Filler | 274 | 27 | Char. | Spaces | Spaces |

GA LPIF Loan Trailer Record Layout Length = 300

| Data Element | Field Position | Length | Type | Description | Mapping |
|---------------------|-----------------------|---------------|-------------|--------------------|----------------|
|---------------------|-----------------------|---------------|-------------|--------------------|----------------|

| 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; '999999999' | '999999999' |
| Code for GA | 10 | 3 | C | Identification code for guaranty agency | GA_SUM.G A_CODE |
| File Description | 13 | 30 | C | 'GA LPIF DETAIL TRAILER' | 'GA LPIF DETAIL TRAILER' |
| Total Number of Detail Records | 43 | 9 | N. | This number reflects the number of detail records contained in the current file excluding header and trailer. | See Procedure Logic (Select from detail table and group to calculate the sum) |
| Total Guaranty Amount | 52 | 15 | N | The sum of all guaranty amounts in this file | See Procedure Logic (Select from detail table and group to calculate the sum) |
| Total Cancellation Amount | 67 | 15 | N | The sum of all cancellation amounts in this file | See Procedure Logic (Select from detail table and group to calculate the sum) |
| Total Net Guaranty Amount | 82 | 15 | N | The difference between the Total Guaranty Amount and the Total Cancellation Amount; signed numeric field | See Procedure Logic (Select from detail table and group to calculate the sum) |
| Filler | 97 | 204 | 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 spooled to tape (utilizing the dataset naming convention) |
| 2 | All detailed LPIF data will be backed up on tape. The back up process will be further defined based on the final NSLDS II platform configuration. |