



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

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**FSA Modernization Partner**

NSLDS II Reengineering  
System Interface Detail Design:  
Schools – Financial Aid History Interface  
I-SCHL-3

Version 1.0

**November 8, 2002**

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## Document Control

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1.0	Initial Issue	11/08/2002	Troy Edwards

## 1 Schools Interfaces

Schools will interface with NSLDS II in several ways. The first interface with NSLDS II is through the Enrollment Reporting Process, previously known as the Student Status Confirmation Report (SSCR) process. In this process, Schools update NSLDS II concerning enrollment data for students enrolled in their school. Guaranty Agencies (GA's) and Lenders use this information to determine when a student graduates or withdraws. The type of information updated includes a student's anticipated completion date, enrollment status and effective date. The second type of information that NSLDS II will receive from Schools is Perkins Loan Data. Schools must provide information to NSLDS II about Federal Perkins Loan activity on at least a monthly basis. NSLDS II also provides Schools with Financial Aid History (FAH), formerly known as the Financial Aid Transcript (FAT) information. The FAH provides a summarization of all Title IV financial aid received by a student.

Schools will also interface with NSLDS II as part of the Transfer Monitoring process. This process assists in tracking financial aid history changes for a student who is transferring from one institution to the next in the same academic year. A school can send a batch file request to NSLDS II containing a list of students that they would like to have monitored. NSLDS II monitors changes in the particular students financial aid history that could impact eligibility. If changes are identified, a transfer monitoring batch file will be sent through SAIG to those schools requesting batch inform files (schools can choose to view data directly through the Financial Aid Partner website instead of receiving a batch file from NSLDS II).

A School has the option to contract out processes such as Enrollment Reporting and Perkins Submission to a Servicer. One such Servicer is the National Student Clearinghouse (Clearinghouse). The interfaces with NSLDS II are the same for Schools and for Servicers acting on a Schools behalf. Currently, there are 2,804 Schools that use the Clearinghouse for Enrollment Reporting; 1,233 Schools that use 19 additional Servicers; and 2,899 Schools report directly to NSLDS.

The Schools interfaces include:

- Enrollment Reporting Roster File (**See Document I-SCH-1**)
- Enrollment Reporting Submittal File (**See Document I-SCH-1**)
- Enrollment Reporting Acknowledgment/Error File (**See Document I-SCH-1**)
- Enrollment Reporting Error Correction File (**See Document I-SCH-1**)
- Perkins Submittal File (**See Document I-SCHL-2**)
- Perkins Load Process Error File (**See Document I-SCHL-2**)
- Perkins Error Submittal Summary Notification File (**See Document I-SCHL-2**)
- FAH Request File (**Section 1.2**)
- FAH Results File (**Section 1.3**)
- Transfer Monitoring Inform File (**See Document I-SCHL-4**)
- Transfer Monitoring Acknowledgment/Error File (**See Document I-SCHL-4**)
- Transfer Monitoring Results File (**See Document I-SCHL-4**)

## 1.1 System Specifics

### 1.1.1 NSLDS II

Item	Description
Production Platform (Vendor/Product Name/Version)	IBM/ Cluster 1600 Server/ 4 p-Series 660 Model 6M1 4 FastT500 Arrays
Operating System (Vendor/Product Name/Version)	Unix/AIX/V 5.1 Parallel Systems Support Program (PSSP)
DBMS (Vendor/Product Name/Version)	IBM/DB2 Universal Database (UDB)/Enterprise Extended v. 7.2
Transmission Protocol	TCP/IP
Production System IP Address	TBD
Production System Location	Meriden, CT
Contracting Organization	Accenture - Modernization Partner
Developer Location	Modernization Partner Offices - Washington DC

### 1.1.2 SAIG

Item	Description
Production Platform (Vendor/Product Name/Version)	HP / L3000
Operating System (Vendor/Product Name/Version)	HP Unix v 11.0
DBMS (Vendor/Product Name/Version)	Oracle v8.17
Transmission Protocol	TCP/IP
Production System IP Address	4.20.17.220
Production System Location	Meriden, CT (VDC)
Contracting Organization	NCS Pearson
Developer Location	Iowa City, Iowa

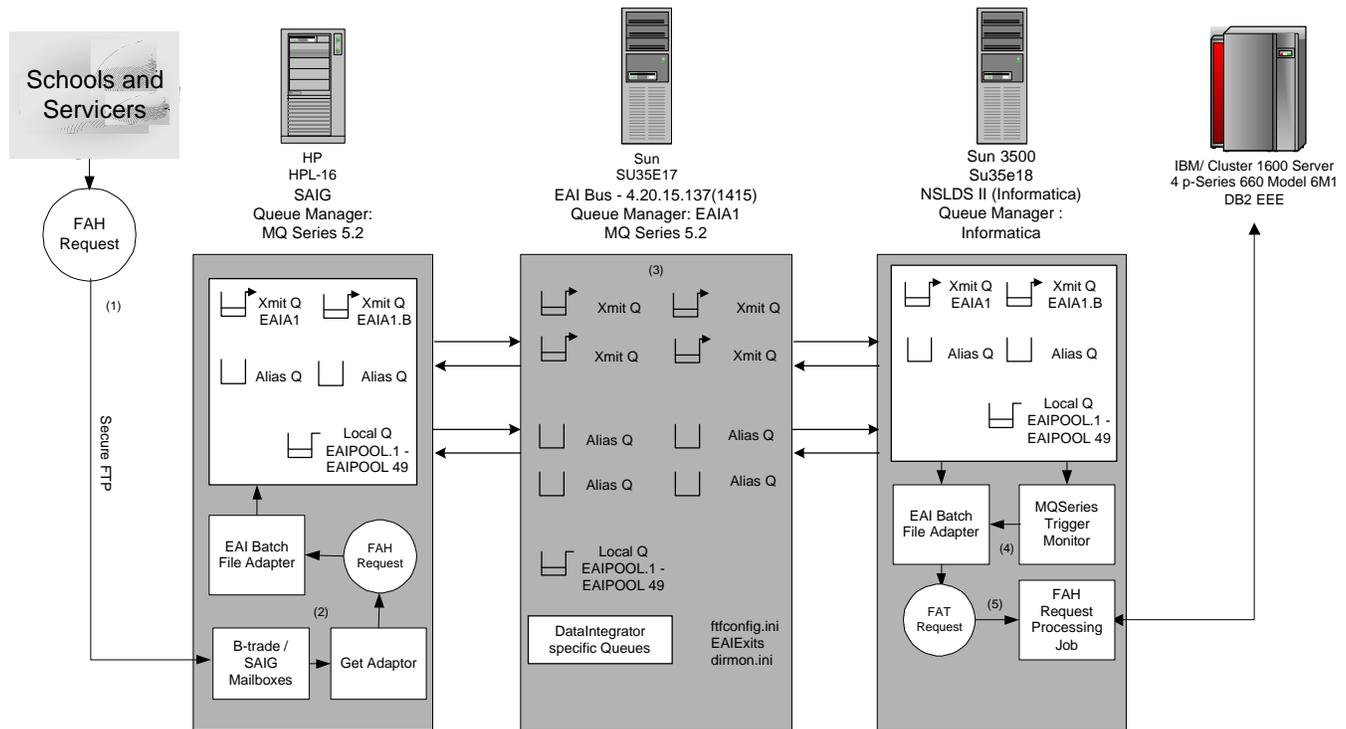
## 1.2 Financial Aid History (FAH) Request File Interface

### 1.2.1 Interface Control Specifications

<b>Interface Name:</b>	Financial Aid History Request Interface
<b>Interface Type/Direction:</b>	Unidirectional, Batch Type
<b>Interface Short Description:</b>	This section defines the processes utilized by Schools/Serviceers to

	<p>transport the FAH Request File to NSLDS II via SAIG and the EAI BUS, and the NSLDS II processing of the incoming file.</p> <p>The FAH that will be produced by NSLDS II contains a summarization of all Title IV financial aid a student has received. The FAH contains information on loan aggregates, Perkins Loans, Pell Grants, Overpayment information, student name history, and other detailed loan information. The FAH is used by financial aid administrators and others to review the overall financial aid activity for a particular student.</p> <p>A request for a FAH from NSLDS II through the batch process is initiated by sending a FAH Request File through SAIG. NSLDS II (Informatica) will process the incoming file by first attempting to match a student in the database with the student information contained in the FAH Request file. If a match is found, the program then performs the needed calculations and populates the FAH Results File. If no match is found, an error message will be included as part of the FAH Results File sent back to the requesting institution through SAIG. A requester can choose to have the output sent back as a non-formatted file, or as a formatted report file.</p>
<b>Requesting Application: or Source Application:</b>	Schools/Servicers are the source of the FAH Request File
<b>Responding Application: or Destination Application:</b>	NSLDS II receives the FAH Request File
<b>Detailed Technical Requirement References:</b>	5.029
<b>Interface Usage Frequency:</b>	Ad Hoc
<b>Interface Usage Volume:</b>	156 average records per file. 12 k average file size
<b>Output Media:</b>	Flat File in EBCDIC Format
<b>Transmission Mechanism:</b>	SAIG via EAI BUS (FAH requests can also made through the Financial Aid Professional (FAP) website

### 1.2.2 Interface Flow



### 1.2.3 Interface Flow Description

1. The school will create the FAH Request file and send it via secure FTP to the appropriate B-Trade mailbox
2. The SAIG Get adaptor will retrieve the file from the mailbox and the Batch File Adapter will move the file to the EAI BUS
3. The EAI BUS will route the file to the NSLDS II (Informatica) server
4. The EAI Batch File Adapter will move the file to the NSLDS II (Informatica) server
5. NSLDS II (Informatica) will process the FAH Request file

Invocation of the EAI Batch File (receive) adapter may invoke the FAH Request File processing job on NSLDS II (Informatica)

### 1.2.4 Source System Functional Specifications

#	Responsibility
1	Schools/Servicers will create the FAH Request File and save it as a flat file
2	The data extracted will be laid out as in section 1.2.8 Each record will consist of: One Header Record One or more Detail Records One Trailer Record Layout

3	<p>File submittal data elements are defined as character, numeric, or date fields, where:</p> <ul style="list-style-type: none"> <li>• Character fields may contain letters, numbers, or blanks.</li> <li>• Numeric fields must only contain numbers.</li> <li>• Date fields must contain eight digits, be valid dates, and appear in the format CCYYMMDD (e.g., 19970131), where: <ul style="list-style-type: none"> <li>– CC = 2 digits for century</li> <li>– YY = 2 digits for year</li> <li>– MM = 2 digits for month</li> <li>– DD = 2 digits for day</li> </ul> </li> </ul> <p>The following default values are used in the following types of fields:</p> <ul style="list-style-type: none"> <li>• Character fields—must be filled with spaces.</li> <li>• Numeric fields—must be filled with zeroes.</li> <li>• Date fields—must be filled with zeroes.</li> </ul>
4	The FAH Request File will be sent via secure FTP to the appropriate B-Trade mailbox
5	An EAI batch file adapter will be supplied to retrieve the file from the B-Trade mailbox and initiate the file transfer from SAIG to NSLDS II
6	NSLDS II will provide the EAI adaptor file transfer utility with the following Input Parameters - TBD Input File Name - TBD
7	For a FAH request submitted by a servicer, they must be shown to be the servicer for the particular student's school

### 1.2.5 Destination System Functional Specifications

#	Responsibility
1	The EAI BUS will deliver the FAH Request file to the NSLDS II (Informatica) server
2	The EAI Adaptor takes the following information as input: Queue manager name - TBD Queue name - TBD Sync point counter - TBD Output file name - TBD
3	The MQ Series Trigger Monitor may trigger a NSLDS II (Informatica) FAH Request file processing job
4	FAH requests are processed and returned to the submitter through SAIG within 24 hours after receipt by NSLDS II
5	The FAH Request File may contain multiple submissions - including multiple headers, detail, and trailer records

### 1.2.6 Interface Assumptions

#	Assumption
1	MQ Series Queue Manager is installed / configured for the NSLDS II / SAIG environment
2	The EAI architecture will be configured to support the transfer of data from SAIG to NSLDS II
3	This document reflects the Financial Aid History (FAH) batch interface process as defined for the 2002/2003 Award Year. Planned changes to the interfaces will be incorporated into this design document at a later date.

### 1.2.7 Error Messages

See Appendix A for Error Codes

## 1.2.8 File Layout

### Header Record Layout

Data Element	Field Position	Length	Type	Description	Edits	Mapping
Record_Type	1 - 1	1	Char	'0' - Represents Header	Must be '0'	NA
Header_Title	2 - 47	46	Char	Value 'FINANCIAL AID TRANSCRIPT HEADER'	Must indicate Header	NA
School_Code	48 - 53	6	Char	Code for school requesting FAT:	Optional for servicer; mandatory for school.	NA
School_Branch_Code	54-55	2	Char	Code for school branch requesting FAT:	Optional for servicer; mandatory for school.	NA
Servicer_Code	56 - 63	8	Char	Code for FAT servicer; populated if a servicer for a school is submitting the request on behalf of one or more schools. Schools fill with zeros.	Servicer must be associated with school.	See Processing logic (Appendix C)
Report_Type	64 - 64	1	Char	'R' = Report 'E' = Extract data file (default)	IF blank, default is E.	NA
Submittal_Date	65 - 72	8	Date	Date which the FAT request is submitted. Format CCYYMMDD.	NA	NA
Filler	73 - 80	8	Char	Attribute to complete record length.	NA	NA

**Detail Record Layout**

<b>Data Element</b>	<b>Field Position</b>	<b>Length</b>	<b>Type</b>	<b>Description</b>	<b>Edits</b>	<b>Mapping</b>
Record_Type	1 - 1	1	Char	'1'-Represents Detail	Must be '1'	NA
Current_SSN	2 - 10	9	Char	SSN of the student for whom FAT is desired.	Must not be blank or spaces	NA
Last_Name	11 - 45	35	Char	Last name of student for whom FAT is desired.	Must not be blank or spaces	NA
First_Name	46 - 57	12	Char	First name of student for whom FAT is desired.	Must not be blank or spaces	NA
Date_of_Birth	58 - 65	8	Date	Date of Birth of the student for whom FAT is desired. Format CCYYMMDD.	Must not be blank or spaces Must be valid date format	NA
School_Year	66 - 69	4	Char	Pell school year (July-June). Optional	School year must not be greater than current school year. Field length must be equal to 4. If provided, must be in CCYY format and not greater than current Pell school year. When not provided, (i.e., spaces), current Pell school year is used, determined as follows: Jan.-June = current calendar year. July-Dec. = current calendar year +1.	NA
School_Code	70 - 75	6	Char	Code for school requesting FAT	Mandatory for servicer; optional for school.	NA

<b>Data Element</b>	<b>Field Position</b>	<b>Length</b>	<b>Type</b>	<b>Description</b>	<b>Edits</b>	<b>Mapping</b>
School_Branch_Code	76-77	2	Char	Code for school branch requesting FAT	Mandatory for servicer; optional for school.	NA
Filler	78 - 80	3	Char	Attribute to complete record length.	NA	NA

**Trailer Record Layout**

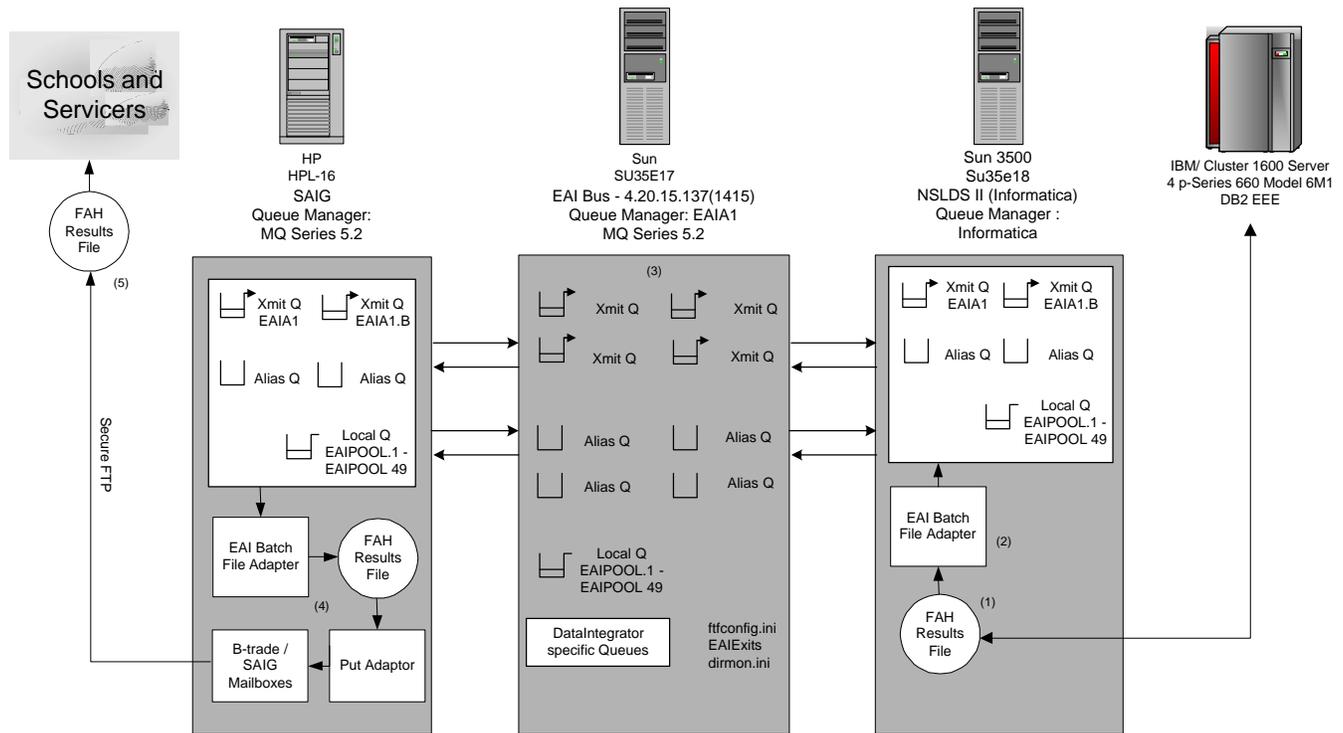
<b>Data Element</b>	<b>Field Position</b>	<b>Length</b>	<b>Type</b>	<b>Description</b>	<b>Edits</b>	<b>Mapping</b>
Record_Type	1 - 1	1	Char	'9'-Represents Trailer Record	Must be '9'	NA
Trailer Title	2 - 47	46	Char	Value 'FINANCIAL AID TRANSCRIPT TRAILER'	NA	NA
Record_Count	48 - 56	9	Num	Total count of detail records on this file (excluding header and trailer).	Must equal number of detail records	NA
Filler	57 - 80	24	Char	Attribute to complete record length.	NA	NA

### 1.3 Financial Aid History (FAH) Results Interface

#### 1.3.1 Interface Control Specifications

<b>Interface Name:</b>	Financial Aid History (FAH) Results File Interface
<b>Interface Type/Direction:</b>	Unidirectional, Batch Type
<b>Interface Short Description:</b>	<p>This section defines the processes utilized by NSLDS II to transport the FAH Results File to Schools/Serviceers via SAIG and the EAI BUS, and the NSLDS II processing of the incoming file.</p> <p>The FAH that will be produced by NSLDS II contains a summarization of all Title IV financial aid a student has received. The FAH contains information on loan aggregates, Perkins Loans, Pell Grants, Overpayment information, student name history, and other detailed loan information. The FAH is used by financial aid administrators and others to review the overall financial aid activity for a particular student.</p> <p>A request for a FAH from NSLDS II through the batch process is initiated by sending a FAH Request File through SAIG. NSLDS II (Informatica) will process the incoming file and first attempt to match a student in the database with the student information contained in the FAH Request file. If a match is found, the program then performs needed calculations and populates the FAH Results File. If no match is found, an error message will be included as part of the FAH Results File sent back to the requesting institution through SAIG. A requester can choose to have the output sent back as a non-formatted file, or as a formatted report file.</p>
<b>Requesting Application: or Source Application:</b>	NSLDS II is the source of the FAH Results File
<b>Responding Application: or Destination Application:</b>	Schools receive FAH Results File via SAIG
<b>Detailed Technical Requirement References:</b>	5.030
<b>Interface Usage Frequency:</b>	3161 average records per file, 537 k average file size
<b>Interface Usage Volume:</b>	Ad Hoc
<b>Output Media:</b>	Flat File (EBCDIC Format) and Formatted Report File
<b>Transmission Mechanism:</b>	SAIG through EAI BUS

#### 1.3.2 Interface Flow



### 1.3.3 Interface Flow Description

1. NSLDS II (Informatica) will process the incoming FAH request and generate the FAH Results file
2. The EAI Batch File Adapter will move the file to the EAI BUS
3. The EAI BUS will route the file to the SAIG server
4. The EAI Batch File Adapter will move the file to the SAIG server where it will be placed in the appropriate B-Trade mailbox
5. The school / servicer will retrieve the FAH Results file from its B-Trade mailbox

Invocation of EAI Batch File (receive) adapter will invoke the SAIG Put process to place the FAH Results file into the school's B-Trade mailbox.

### 1.3.4 Source System Functional Specifications

#	Responsibility
1	NSLDS II will create the FAH Results File and save as flat file (for non-formatted files)
2	The data extracted will be laid out as in section 1.3.8 Each record will consist of: A Header Record One or more Aggregates, Perkins, Error Codes, Flags Record Layouts (Type 1) One or more Name History Records (Type 2) One or more Overpayment Records (Type 3) One or more Pell Payment Records (Type 4)

	One or more Loan Detail Records (Type 5) A Trailer record Note: If no student match is found or other errors encountered, the file sent back does not include records 2-5
3	The Report Type field in the header of the FAH Request File contains a value of either 'R' for Report Format, or 'E' for Extract Format. The default is 'E' if this field is left blank. Incoming files with an 'E' in the field (or blank) are processed, written to a flat file, and sent to the requesting institution through SAIG.  If an 'R' is present in the field, the output will be generated and sent to a temporary table (see FAH – Report Detailed Design for more detail on report formatting). From this table, a Java executable will be kicked off to create a formatted file. Once the file has been created, a database trigger will initiate the file transfer to the Informatica Server. Normal procedures for initiating the file transfer through EAI and SAIG are then followed.
4	An EAI batch file adapter will be supplied to initiate the file transfer from NSLDS II to SAIG
5	NSLDS II will provide the EAI adaptor file transfer utility with the following Input Parameters - TBD Input File Name – TBD

### 1.3.5 Destination System Functional Specifications

#	Responsibility
1	The EAI BUS will deliver the FAH Results file to the SAIG server
2	The EAI Adaptor takes the following information as input: Queue manager name - TBD Queue name - TBD Sync point counter - TBD Output file name – TBD
3	The MQSeries Trigger Monitor will trigger SAIG Put adaptor to place the FAH Results file into the school or servicer's B-Trade mailbox.

### 1.3.6 Interface Assumptions

#	Assumption
1	MQ Series Queue Manager is installed / configured for the NSLDS II / SAIG environment
2	The EAI architecture will be configured to support the transfer of data from NSLDS II to SAIG
3	This document reflects the Financial Aid History (FAH) batch interface process as defined for the 2002/2003 Award Year. Planned changes to the interfaces will be incorporated into this design document at a later date.
4	The mechanism for requesting a FAH and returning the results through the FAP website utilizes many shared components of the Informatica (Interface) FAH processing job. See the FAH – Report Detailed Design Document for further information).

### 1.3.7 Error Messages

See Appendix A for Error Codes and Messages

### 1.3.8 File Layout

#### Header Record Layout

Data Element	Field Position	Length	Type	Description	Edits	Mapping
Record_Type	1 - 1	1	Char	Value = '0'	NA	NA
Filler	2 - 10	9	Char	Dummy SSN for header record. Value is spaces.	NA	NA
Header Title	11 - 52	42	Char	Value 'FINANCIAL AID TRANSCRIPT HEADER'	NA	NA
School_Code	53 - 58	6	Char	Code for school requesting FAT.	Copied from Input Record	NA
School_Branch_Code	59-60	2	Char	Code for school branch requesting FAT.	Copied from Input Record	NA
Servicer Code	61 - 68	8	Char	Code for FAT Servicer. Zeros for schools.	Copied from Input Record	NA
Report_Type	69 - 69	1	Char	'E' = Extract Data File	Copied from Input Record	NA
Submittal_Date	70 - 77	8	Date	Date on which the FAT request is submitted. Format CCYYMMDD.	Copied from Input Record	NA
Process_Date	78 - 85	8	Date	Date on which the FAT request is processed. Format CCYYMMDD.	Generated as part of Processing Job	NA
Filler	86 - 170	85	Char	Attribute to complete record length.	NA	NA

**Aggregates, Perkins, Error Codes, Flags Record Layout (Type 1)**

<b>Data Element</b>	<b>Field Position</b>	<b>Length</b>	<b>Type</b>	<b>Description</b>	<b>Edits</b>	<b>Mapping</b>
Record Type	1 - 1	1	Char	Value = '1'	NA	NA
Current_SSN	2 - 10	9	Char	Student's SSN.	Copied from Input Record	NA
First_Name	11 - 22	12	Char	Student's first name.	Copied from Input Record	NA
Last_Name	23 - 57	35	Char	Student's last name.	Copied from Input Record	NA
Date_of_Birth	58 - 65	8	Date	Student's date of birth. Format CCYYMMDD.	Copied from Input Record	NA
School_Code	66 - 71	6	Char	Code for school requesting FAT.	Copied from Input Record	NA
School_Branch_Code	72-73	2	Char	Code for school branch requesting FAT.	Copied from Input Record	NA
Defaulted_Loans_Flag	74 - 74	1	Char	Indicates 1 or more defaulted loans. 'Y' or 'N'.	See Appendix G for Field Calculations	NA
Discharged_Loans_Flag	75 - 75	1	Char	Indicates 1 or more discharged loans. 'Y' or 'N'.	See Appendix G for Field Calculations	NA
Satisfactory - Arrangements_Flag	76 - 76	1	Char	Indicates 1 or more loans with satisfactory repayment arrangements. 'Y' or 'N'.	See Appendix G for Field Calculations	NA
Active_Bankruptcy_Flag	77 - 77	1	Char	Indicates 1 or more active bankruptcy loans. 'Y' or 'N'.	See Appendix G for Field Calculations	NA

<b>Data Element</b>	<b>Field Position</b>	<b>Length</b>	<b>Type</b>	<b>Description</b>	<b>Edits</b>	<b>Mapping</b>
Aggr_Subsidized_Outst_Principal_Bal	78 - 83	6	Char	Outstanding principal balance for subsidized loan types. Value is balance or 'N/A' if no applicable loans.	See Appendix G for Field Calculations	NA
Aggr_Unsubsidized_Outst_Principal_Bal	84 - 89	6	Char	Outstanding principal balance for unsubsidized loan types. Value is balance or 'N/A' if no applicable loans.	See Appendix G for Field Calculations	NA
Aggr_Combined_Outst_Principal_Bal	90 - 95	6	Char	Outstanding principal balance for subsidized and unsubsidized loan types. Value is balance or 'N/A' if no applicable loans.	See Appendix G for Field Calculations	NA
Aggr_Consolidation_Outst_Principal_Bal	96 - 101	6	Char	Outstanding principal balance for consolidation loan types. Value is balance or 'N/A' if no applicable loans.	See Appendix G for Field Calculations	NA
Aggr_Subsidized_Pending_Disbursement	102 - 107	6	Char	Pending disbursements for subsidized loan types. Value is amount or 'N/A' if no applicable loans.	See Appendix G for Field Calculations	NA
Aggr_Unsubsidized_Pending_Disbursement	108 - 113	6	Char	Pending disbursements for unsubsidized loan types. Value is amount or 'N/A' if no applicable loans.	See Appendix G for Field Calculations	NA

<b>Data Element</b>	<b>Field Position</b>	<b>Length</b>	<b>Type</b>	<b>Description</b>	<b>Edits</b>	<b>Mapping</b>
Aggr_Combined_Pending_Disb	114 - 119	6	Char	Pending disbursements for subsidized and unsubsidized loan types. Value is amount or 'N/A' if no applicable loans.	See Appendix G for Field Calculations	NA
Aggr_Subsidized_Total	120 - 125	6	Char	Total for subsidized loan types. Value is amount or 'N/A' if no applicable loans.	See Appendix G for Field Calculations	NA
Aggr_Unsubsidized_Total	126 - 131	6	Char	Total for unsubsidized loan types. Value is amount or 'N/A' if no applicable loans.	See Appendix G for Field Calculations	NA
Aggr_Combined_Total	132 - 137	6	Char	Total for subsidized and unsubsidized loan types. Value is amount or 'N/A' if no applicable loans.	See Appendix G for Field Calculations	NA
Aggr_Consolidation_Total	138 - 143	6	Char	Total for consolidation loan type. Value is amount or 'N/A' if no applicable loans.	See Appendix G for Field Calculations	NA
Perkins_Total_Disbursements	144 - 149	6	Char	Total Perkins loan outstanding principal balances. Value is amount or 'N/A' if no applicable loans.	See Appendix G for Field Calculations	NA

Data Element	Field Position	Length	Type	Description	Edits	Mapping
Perkins_Curr_Award_Year_Disburse	150 – 155	6	Char	Total Perkins loan disbursements for award year (July-June). Value is amount or 'N/A' if no applicable loans.	See Appendix G for Field Calculations	NA
DL_MPN_Flag	156 – 156	1	Char	Direct Loan Master Promissory Note Flag. 'A', 'I', 'C', 'N', 'U'.	See Appendix G for Field Calculations	NA
Filler	157 – 165	9	Char	Filler	NA	NA
Error_Code_1	166 – 166	1	Char	Reflects SSN Error.	NA	FAH Error Table
Error_Code_2	167 – 167	1	Char	Reflects Name Error.	NA	FAH Error Table
Error_Code_3	168 – 168	1	Char	Reflects Date of Birth Error.	NA	FAH Error Table
Error_Code_4	169 – 169	1	Char	Reflects School Year Errors.	NA	FAH Error Table
Match_Flag	170 – 170	1	Char	Successful/unsuccessful match of Student/PLUS Borrower against search parameters in the database.	NA	FAH Error Table

**Name History Record Layout (Type 2)**

Data Element	Field Position	Length	Type	Description	Edits	Mapping
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Data Element	Field Position	Length	Type	Description	Edits	Mapping
Record Type	1 – 1	1	Char	Value = '2'	NA	NA
Current_SSN	2 – 10	9	Char	Student's SSN.	Copied from Input Record	NA
First_Name	11 – 22	12	Char	Student's first name.	Copied from Input Record	NA
Last_Name	23 – 57	35	Char	Student's last name.	Copied from Input Record	NA
Date_of_Birth	58 – 65	8	Date	Student's date of birth. Format CCYYMMDD.	Copied from Input Record	NA
School_Code	66 – 71	6	Char	Code for school requesting FAT.	Copied from Input Record	NA
School_Branch_Code	72-73	2	Char	Code for school branch requesting FAT.	Copied from Input Record	NA
First	74 – 85	12	Char	Student's first name.	NA	STU_NM / FST
Middle_Initial	86 – 86	1	Char	Student's middle initial.	NA	STU / MID_INIT
Last	87 – 121	35	Char	Student's last name.	NA	STU_NM / LST
Filler	122 – 170	49	Char	Attribute to complete record length.	NA	NA

**Overpayment Record Layout (Type 3)**

Data Element	Field Position	Length	Type	Description	Edits	Mapping
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<b>Data Element</b>	<b>Field Position</b>	<b>Length</b>	<b>Type</b>	<b>Description</b>	<b>Edits</b>	<b>Mapping</b>
Record Type	1 - 1	1	Char	Value = '3'	NA	NA
Current_SSN	2 - 10	9	Char	Student's SSN.	Copied from Input Record	NA
First_Name	11 - 22	12	Char	Student's first name.	Copied from Input Record	NA
Last_Name	23 - 57	35	Char	Student's last name.	Copied from Input Record	NA
Date_of_Birth	58 - 65	8	Date	Student's date of birth. Format CCYYMMDD.	Copied from Input Record	NA
School_Code	66 - 71	6	Char	Code for school requesting FAT.	Copied from Input Record	NA
School_Branch_Code	72-73	2	Char	Code for school branch requesting FAT.	Copied from Input Record	NA
Aid_Type	74 - 75	2	Char	Pell = PE FSEOG = SE Perkins = PK	NA	AID_OVRPMT / AID_TYPE
Overpayment_Indicator	76 - 76	1	Char	Indicates overpayment. 'Y', 'N', 'S', 'D', or 'W'.	NA	AID_OVRPMT / OVRPMT_IND
Award_Year	77 - 80	4	Char	Award Year.	Determined by Enrolment Effective Date field. If before July of the year then equals the beginning calendar year of award year. If July onward, use last calendar year of award year. Stored as part of processing logic.	NA
Contact	81 - 88	8	Char	Contact for Pell overpayment.	Value is 'N/A' when no overpayments, contact code when 1 overpayment, or 'Y' when more than 1 overpayment. Stored as part of processing logic.	NA

Data Element	Field Position	Length	Type	Description	Edits	Mapping
Filler	89 – 170	82	Char	Attribute to complete record length.	NA	NA

**Pell Payment Record Layout (Type 4)**

Data Element	Field Position	Length	Type	Description	Edits	Mapping
Record Type	1 – 1	1	Char	Value = '4'	NA	NA
Current_SSN	2 – 10	9	Char	Student's SSN.	Copied from Input Record	NA
First_Name	11 – 22	12	Char	Student's first name.	Copied from Input Record	NA
Last_Name	23 – 57	35	Char	Student's last name.	Copied from Input Record	NA
Date_of_Birth	58 – 65	8	Date	Student's date of birth. Format CCYYMMDD.	Copied from Input Record	NA
School_Code	66 – 71	6	Char	Code for school requesting FAT.	Copied from Input Record	NA
School_Branch_Code	72-73	2	Char	Code for school branch requesting FAT.	Copied from Input Record	NA
Scheduled_Amount	74 – 79	6	Num	Scheduled amount of grant.	NA	PELL_GRT / SCHED_AMT
Amount_Paid_To_Date	80 – 85	6	Num	Disbursed amount.	NA	PELL_GRT / AMT_PAID_TO_DT
Remaining_Amt_To_Pay	86 – 91	6	Num	Remaining amount to be disbursed.	NA	PELL_GRT / REMN_AMT_TO_PAY

Data Element	Field Position	Length	Type	Description	Edits	Mapping
Award_Year	92 - 95	4	Char	Award Year.	NA	PELL_GRT /AWARD_YR
Segment_Eligibility_Used	96 - 100	5	Num 999V99	Segment percentage of eligibility used.	NA	PELL_GRT / SEG_ELIG_USED
Transaction_Number	101 - 102	2	Char	Transaction number.	NA	PELL_GRT / TRAN_NO
As_Of_Date	103 - 110	8	Char	Latest Disbursement Date. Format CCYYMMDD. Value is date or 'N/A'.	NA	PELL_GRT
Accptd_Verification_Status	111 - 113	3	Char	Accepted verification status. Value is status or 'N/A'.	NA	PELL_GRT /ACTD_VERIF_STAT
Expected_Family_Contribution	114 - 119	6	Num	Expected family contribution.	NA	PELL_GRT /EXP_FAM_CONTRIB
Accepted_Origination_Amount	120 - 125	6	Num	Accepted origination amount.	NA	PELL_GRT / ACCPT_ORG_AMOUNT
Filler	126 - 162	37	Char	Attribute to complete record length.	NA	
Code	163 - 170	8	Char	School for the Pell Grant or 'N/A'.	NA	SCH_BR / CODE

**Loan Detail Record Layout (Type 5)**

Data Element	Field Position	Length	Type	Description	Edits	Mapping
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<b>Data Element</b>	<b>Field Position</b>	<b>Length</b>	<b>Type</b>	<b>Description</b>	<b>Edits</b>	<b>Mapping</b>
Record Type	1 - 1	1	Char	Value = '5'	NA	NA
Current_SSN	2 - 10	9	Char	Student's SSN.	Copied from Input Record	NA
First_Name	11 - 22	12	Char	Student's first name.	Copied from Input Record	NA
Last_Name	23 - 57	35	Char	Student's last name.	Copied from Input Record	NA
Date_of_Birth	58 - 65	8	Date	Student's date of birth. Format CCYYMMDD.	Copied from Input Record	NA
School_Code	66 - 71	6	Char	Code for school requesting FAT.	Copied from Input Record	NA
School_Branch_Code	72-73	2	Char	Code for school branch requesting FAT.	Copied from Input Record	NA
Code	74 - 75	2	Char	Loan type.	NA	LOAN_TYPE / LOAN_TYPE_GP_CODE
D_Current_Loan_Status	76 - 77	2	Char	Code for current loan status.	NA	LOAN / CURR_LOAN_S TAT
D_Current_Loan_Status_Date	78 - 85	8	Date	Date of current loan status. Format CCYYMMDD.	NA	LOAN / CURR_LOAN_S TAT_DT
Outstanding_Principal_Balance	86 - 91	6	Char	Amount of outstanding principal balance. Value is balance or 'N/A'.	NA	LOAN / OUT_PRIN_BAL

<b>Data Element</b>	<b>Field Position</b>	<b>Length</b>	<b>Type</b>	<b>Description</b>	<b>Edits</b>	<b>Mapping</b>
Outstanding_Principal_Bal_Date	92 – 99	8	Char	Date of outstanding principal balance. Format CCYYMMDD. Value is date or 'N/A'.	NA	LOAN / OUT_PRIN_BAL_DT
Period_Begin_Date	100 – 107	8	Char	Date enrollment period begins. Format CCYYMMDD. Value is date or 'N/A'.	NA	LOAN / PER_BEG_DT
Period_End_Date	108 – 115	8	Char	Date enrollment period ends. Format CCYYMMDD. Value is date or 'N/A'.	NA	LOAN / PER_END_DT
D_Current_GA_Code	116 – 118	3	Char	Current Guaranty Agency code or 'N/A' if none.	NA	LOAN / CURR_GA_CODE
Academic_Level	119 – 119	1	Char	Student's academic level (grade level) at time of loan.	NA	LOAN / ACAD_LVL
Contact_Type	120 – 122	3	Char	Contact Type code or 'N/A' if none.	See Appendix G for Field Calculations	NA
Net_Loan_Amount	123 – 128	6	Num	Amount of loan/guaranty minus total amount of cancellations.	See Appendix G for Field Calculations	NA
Contact	129 – 136	8	Char	Contact code or 'N/A' if none.	See Appendix G for Field Calculations	NA
Code	137 – 144	8	Char	School attended by the student when the loan was originated.	NA	SCH_BR / CODE

Data Element	Field Position	Length	Type	Description	Edits	Mapping
Additional_Unsub_Flag	145 – 145	1	Char	Additional unsubsidized flag.. 'P', 'H', 'B', or 'N'.	See Appendix G for Field Calculations	NA
Cap_Int_Flag	146 – 146	1	Char	Capitalized Interest flag.. 'Y' or 'N'.	See Appendix G for Field Calculations	NA
Last_Disbursement_Amount	147 – 152	6	Char	Amount of last disbursement. Value is amount or 'N/A'.	See Appendix G for Field Calculations	NA
D_Current_Disbursement_Date	153 – 160	8	Char	Date of last disbursement. Format CCYYMMDD. Value is date/or 'N/A'.	NA	LOAN / CURR_DIS_DT
Filler	161 – 170	10	Char	Attribute to complete record length.	NA	NA

**Trailer Record Layout**

Data Element	Field Position	Length	Type	Description	Edits	Mapping
Record_Type	1 – 1	1	Char	Value = '9'	NA	NA
Filler	2 – 10	9	Char	Dummy SSN for trailer record. Value is '999999999'.	NA	NA
Trailer Title	11 – 52	42	Char	Value = 'FINANCIAL AID TRANSCRIPT TRAILER'	NA	NA
Match_Count	53 – 60	8	Num	Total count of records for which matches were found.	Must equal total number of record matches in detailed record section	NA

<b>Data Element</b>	<b>Field Position</b>	<b>Length</b>	<b>Type</b>	<b>Description</b>	<b>Edits</b>	<b>Mapping</b>
Record_Count	61 – 69	9	Num	Total count of detail records on this file (excluding header and trailer).	Must equal total number of detail records	NA
Error_Count	70 – 77	8	Num	Number of requests with errors.	Stored as part of processing logic	
Filler	78 – 170	93	Char	Attribute to complete record length.	NA	NA

## 1.4 Appendix A

### Error Codes and Messages

<b>Attribute</b>	<b>Value</b>	<b>Meaning</b>
Error Code 1	space	No error.
	1	SSN must not be spaces.
Error Code 2	space	No error.
	2	First name and last name must not be spaces.
Error Code 3	space	No error.
	3	Invalid Date of Birth.
Error Code 4	space	No error.
	4	School Year must be numeric.
	5	School Year must not be greater than current school year.
	6	School Year field length must be equal to 4.

## 1.5 Appendix B

### Match Flag Legend

Attribute	Value	Meaning
Match Flag	0	Successful match. No error.
	1	Servicer and School User association not found.
	2	Successful match. Student has no selectable loans.
	3	Successful match. Student has no selectable loans and grants.
	6	Student Social Security Number not found.
	7	Match on SSN. No match on DOB and Name. <b>NOTE:</b> If the matched student or parent borrower has no significant aid information affecting eligibility (defaulted loan; Subsidized, Unsubsidized, Combined, Consolidated, or Perkins aggregate amount; overpayment; or Pell grant in current or prior award year), then a Match Flag of 0 is returned.

## **1.6 Appendix C**

### Sample Processing Logic for FAH Request File

Open the Input FAH Request and Output FAH Extract files

    If error opening file

        Exit with error message

    End If

Do until the Input FAH Request file reaches end of file

    Read the Input FAH Request record

    If error reading file

        Exit with error message

    End If

If a Header record

    Save servicer code

    Write Header record (Type 0 Record)

        If error writing file

            Exit with error message

        End If

    Go on to next input record

End If

If a Trailer record

    Write Trailer record (Type 9 Record)

        If error writing file

            Exit with error message

        End If

    Reset record counters

    Go on to next input record

End If

If a Detail record

    Validate the SSN, Date of Birth, First Name, Last Name, Pell School Year

    If submitted by servicer

        Validate servicer's association with the requesting school

    End If

    If error detected

        Set appropriate error code(s)

        Write Type 1 Record

        If error writing file

            Exit with error message

        End If

        Go on to next input record

End If

Search database to determine uniqueness of student as a student borrower or PLUS borrower based on SSN, date of birth, and name  
Set match code based on search result

If unique match on student as a student borrower or PLUS borrower

    Obtain the student's aid information as a student borrower or PLUS borrower according to the algorithms given in Attachment 2

    Obtain the student's name history as a student borrower or PLUS borrower

    Generate the student's results records for the selected data

    If error writing file

        Exit with error message

    End If

    Go on to next input record

Else

    Write a Type 1 Record

    If error writing file

        Exit with error message

    End If

    Go on to next input record

End If

End Do Until

Close FAH Request and FAH Result files

If error closing file

    Exit with error message

End If

Terminate program

## 1.7 Appendix D

### Loan Status Codes

<b>Code</b>	<b>Description</b>
AE	Loan Transferred to New Holder
AL	Abandoned Loan
BC	Bankruptcy Claim, Discharged
BK	Bankruptcy Claim, Active
CA	Cancelled
CS	Closed School Discharge
DA	Deferred
DB	Defaulted, Then Bankrupt, Active, Chapter 13
DC	Defaulted, Compromise
DD	Defaulted, Then Died
DE	Death
DF	Defaulted, Unresolved
DI	Disability
DK	Defaulted, Then Bankrupt, Discharged, Chapter 13
DL	Defaulted, in Litigation
DN	Defaulted, Then Paid in Full By Consolidation
DO	Defaulted, Then Bankrupt, Active, Other
DP	Default, Paid in Full
DR	Defaulted, Loan Included in A Rolled-Up Loan
DS	Defaulted, Then Disabled
DT	Defaulted, Collection Terminated
DU	Defaulted, Unresolved
DW	Defaulted, Write-Off
DX	Defaulted, Six Consecutive Payments
DZ	Defaulted, Six Consecutive Payments, Then Missed Payment(s)
FB	Forbearance
FC	False Certification Discharge
IA	Loan Originated

<b>Code</b>	<b>Description</b>
ID	In School Or Grace Period
IG	In Grace Period
IM	In Military Grace
IP	In Post-Deferment Grace Period
IT	Loan Transferred by DCS
OD	Defaulted, Then Bankrupt, Discharged, Other
PC	Paid in Full Through Consolidation Loan
PF	Paid in Full
PM	Presumed Paid-in-Full
PN	Non-Defaulted, Paid in Full Through Consolidation Loan
RF	Refinanced
RH	Loan Transferred by DCS to Sallie Mae
RP	In Repayment
TG	Loan Transferred by DCS to GA927
UA	Temporarily Uninsured - No Default Claim Requested
UB	Temporarily Uninsured - Default Claim Denied
UC	Permanently Uninsured/Unreinsured - No Default Claim Requested
UD	Permanently Uninsured/Unreinsured - Default Claim Denied
UI	Unreinsured
XD	Defaulted, Six Consecutive Payments

## 1.8 Appendix E

### Important Codes Used in Processing

NSLDS II will use the following loan status codes to determine defaulted loans. The codes set the Defaulted Loans Flag and Defaulted/Recent Indicator.

- DB
- DF
- DL
- DO
- DT
- DU
- DW
- DZ

NSLDS II will use the following loan status codes to determine discharged loans. The codes set the Discharged Loans Flag.

- DD
- DE
- DI
- DS

Perkins Loans with death (PD) or disability (PI) cancellations also cause the Discharged Loans Flag to be set regardless of their loan status code.

NSLDS II will use the following loan status codes to determine Satisfactory Arrangements loans. The codes set the Satisfactory Arrangements Flag.

- DX
- XD

NSLDS II will use the following loan status codes to determine Active Bankruptcy loans. The codes set the Active Bankruptcy Flag.

- BK
- DB
- DO

NSLDS II will use the following loan status codes to determine loans to bypass or exclude from consideration when calculating the various Aggregate Outstanding Principal Balance fields:

- BC
- CA
- CS
- DC
- DD
- DE
- DI
- DK
- DN
- DP
- DR
- DS
- FC
- OD
- PC
- PF
- PM
- PN
- RF
- UC
- UD
- UI

NSLDS II will use the following loan status codes when determining pending disbursements.

- IA
- ID
- IG
- IM

## **1.9 Appendix F**

### Use of N/A Codes

When populating the FAH Results File 'N/A' is used in several situations to indicate that a field is not applicable or data is not available (no activity in that area was found for the applicant in the database). When used, N/A is left justified in the field and any remaining positions are filled with spaces.

Fields in which N/A may appear are:

- Overpayment contact (Pell, FSEOG, and Perkins)
- Aggregate amounts
- Perkins disbursement amounts
- Pell As of date
- Outstanding principal balance
- Outstanding principal balance date
- Period begin date
- Period end date
- Current GA code
- Contact type
- School/Branch (OPE ID)
- Contact
- Academic Level (Grade Level)
- Accepted Verification Status
- School Branch Name
- FFEL MPN Lender Code
- Last Disbursement Amount
- Last Disbursement Date

N/A is also substituted in school/branch (OPE ID) and contact fields when a code of 88888800, 88888811, or 99999900 would result. These three values are special school/branch codes used for reporting refinanced loans, consolidated loans, or for plug values when the real school/branch code is unknown.

## 1.10 Appendix G

### Field Calculations

#### Aggregates, Perkins, Error Codes, Flags Record (Type 1)

##### Defaulted Loans Flag

= Y, if applicant has one or more loans with one of the defaulted loan status codes  
= N, otherwise

##### Discharged Loans Flag

= Y, if applicant has one or more loans with one of the discharged loan status codes or one or more Perkins loans with cancellations for death (PD) or disability (PI)  
= N, otherwise

##### Satisfactory Arrangements Flag

= Y, if applicant has one or more loans with one of the satisfactory arrangements loan status codes  
= N, otherwise

##### Active Bankruptcy Flag

= Y, if applicant has one or more loans with one of the active bankruptcy loan status codes  
= N, otherwise

##### Aggregate Subsidized Outstanding Principal Balance

=  $\Sigma$  "determined amount",

where "determined amount" is as follows:

If loan type equals SF (subsidized), D1, or D6

and loan status does not equal one of the bypass loan status codes

If loan type equals SF (subsidized)

and LOAN DATE\_ID is within the last year based on the system date

and loan status equals one of the pending disbursement loan status codes

Then

"determined amount" = the greater of LOAN D\_TOTAL\_DISBURSEMENT\_AMOUNT or  
LOAN OUTSTANDING\_PRINCIPAL\_BALANCE (not to exceed Loan Net Amount)

Else

"determined amount" = the lessor of Loan Net Amount,

OUTSTANDING\_PRINCIPAL\_BALANCE, D\_TOTAL\_DISBURSEMENT\_AMOUNT.

= N/A, if no loans meeting criteria

##### Aggregate Unsubsidized Outstanding Principal Balance

=  $\Sigma$  "determined amount",

where "determined amount" is as follows:

If loan type equals SF (non-subsidized), SU, SL, D2, D5, or RF

and loan status does not equal one of the bypass loan status codes

If loan type equals SF (non-subsidized), SU, SL, or RF

and LOAN DATE\_ID is within the last year based on the system date  
and loan status equals one of the pending disbursement loan status codes

Then

“determined amount” = the greater of LOAN D\_TOTAL\_DISBURSEMENT\_AMOUNT or  
LOAN OUTSTANDING\_PRINCIPAL\_BALANCE (not to exceed Loan Net Amount)

Else

“determined amount” = the lessor of Loan Net Amount,  
OUTSTANDING\_PRINCIPAL\_BALANCE, D\_TOTAL\_DISBURSEMENT\_AMOUNT.

= N/A, if no loans meeting criteria

#### Aggregate Combined Outstanding Principal Balance

=  $\Sigma$  “determined amount”,

where “determined amount” is as follows:

If loan type equals SF (subsidized and non-subsidized), SU, SL, D1, D2, D5, D6, or RF  
and loan status does not equal one of the bypass loan status codes

If loan type equals SF (subsidized and non-subsidized), SU, SL, or RF  
and LOAN DATE\_ID is within the last year based on the system date  
and loan status equals one of the pending disbursement loan status codes

Then

“determined amount” = the greater of LOAN D\_TOTAL\_DISBURSEMENT\_AMOUNT or  
LOAN OUTSTANDING\_PRINCIPAL\_BALANCE (not to exceed Loan Net Amount)

Else

“determined amount” = the lessor of Loan Net Amount,  
OUTSTANDING\_PRINCIPAL\_BALANCE, D\_TOTAL\_DISBURSEMENT\_AMOUNT.

= N/A, if no loans meeting criteria

#### Aggregate Consolidated Outstanding Principal Balance

=  $\Sigma$  “determined amount”,

where “determined amount” is as follows:

If loan type equals CL

and loan status does not equal one of the bypass loan status codes

If LOAN DATE\_ID is within the last year based on the system date  
and loan status equals one of the pending disbursement loan status codes

Then

“determined amount” = the greater of LOAN D\_TOTAL\_DISBURSEMENT\_AMOUNT or  
LOAN OUTSTANDING\_PRINCIPAL\_BALANCE (not to exceed Loan Net Amount)

Else

“determined amount” = the lessor of Loan Net Amount,  
OUTSTANDING\_PRINCIPAL\_BALANCE, D\_TOTAL\_DISBURSEMENT\_AMOUNT.

= N/A, if no loans meeting criteria

#### Aggregate Subsidized Pending Disbursement

=  $\Sigma$  “determined amount”,

where “determined amount” is as follows:

If loan status equals one of the pending disbursement loan status codes

and LOAN DATE\_ID is within the last year based on the system date

If loan type equals SF (subsidized)

Then

“determined amount” = the Loan Net Amount – Aggregate Subsidized Outstanding Principal Balance “determined amount” above (but not less than zero).

If loan type equals D1 or D6

“determined amount” = the Loan Net Amount – LOAN

D\_TOTAL\_DISBURSEMENT\_AMOUNT (but not less than zero).

= N/A, if no loans meeting criteria

#### Aggregate Unsubsidized Pending Disbursement

=  $\Sigma$  “determined amount”,

where “determined amount” is as follows:

If loan status equals one of the pending disbursement loan status codes

and LOAN DATE\_ID is within the last year based on the system date

If loan type equals SF (non-subsidized), SU, SL, or RF

Then

“determined amount” = the Loan Net Amount – Aggregate Unsubsidized Outstanding Principal Balance “determined amount” above (but not less than zero).

If loan type equals D2 or D5

“determined amount” = the Loan Net Amount – LOAN

D\_TOTAL\_DISBURSEMENT\_AMOUNT (but not less than zero).

= N/A, if no loans meeting criteria

#### Aggregate Combined Pending Disbursement

=  $\Sigma$  “determined amount”,

where “determined amount” is as follows:

If loan status equals one of the pending disbursement loan status codes

and LOAN DATE\_ID is within the last year based on the system date

If loan type equals SF (subsidized and non-subsidized), SU, SL, or RF

Then

“determined amount” = the Loan Net Amount – Aggregate Combined Outstanding Principal Balance “determined amount” above (but not less than zero).

If loan type equals D1, D2, D5, or D6

“determined amount” = the Loan Net Amount – LOAN

D\_TOTAL\_DISBURSEMENT\_AMOUNT (but not less than zero).

= N/A, if no loans meeting criteria

#### Aggregate Subsidized Total

= Aggregate Subsidized Outstanding Principal Balance

+ Aggregate Subsidized Pending Disbursement

= N/A, if no loans meeting criteria

#### Aggregate Unsubsidized Total

= Aggregate Unsubsidized Outstanding Principal Balance

+ Aggregate Unsubsidized Pending Disbursement  
= N/A, if no loans meeting criteria

Aggregate Combined Total  
= Aggregate Combined Outstanding Principal Balance  
+ Aggregate Combined Pending Disbursement  
= N/A, if no loans meeting criteria

Aggregate Consolidated Total  
= Aggregate Consolidated Outstanding Principal Balance  
= N/A, if no loans meeting criteria

Perkins Total Disbursements  
=  $\Sigma$  LOAN\_OUTSTANDING\_PRINCIPAL\_BALANCE,  
where loan type equals DU, EU, NU, or PU  
and loan status is not one of the bypass loan status codes  
= N/A, if no loans meeting criteria

Perkins Current Award Year Disbursements  
=  $\Sigma$  LOAN\_DISBURSEMENT\_DIFFERENCE\_AMOUNT,  
where loan type equals DU, EU, NU, or PU  
and LOAN\_DISBURSEMENT\_DATE is in 2002-2003 Award Year  
= N/A, if no loans meeting criteria

For a given loan, sum LOAN\_DISBURSEMENT\_DIFFERENCE\_AMOUNTs by date and limit the sum to a minimum of zero as each difference amount is added to the sum.

DL MPN Flag  
= A, if applicant has a Direct Loan with a Master Promissory Note in Accepted status  
= I, if applicant has a Direct Loan with a Master Promissory Note in Inactive status  
= C, if applicant has a Direct Loan with a Master Promissory Note in Closed status  
= N, if applicant has no Direct Loans with a Master Promissory Note  
Note: In the case of multiple DL Master Promissory Notes, order of precedence is A (first), I, and C.

## 2. Overpayment Record (Type 3)

Pell Overpayment Indicator  
= Y, if applicant has one or more Pell overpayments which has not been deferred, not been waived, and does not have satisfactory arrangements made  
= D, if applicant has one or more Pell overpayments which has been deferred  
= W, if applicant has one or more Pell overpayments which has been waived  
= S, if applicant has one or more Pell overpayments which has satisfactory arrangements made  
= N, if applicant has no Pell overpayments

Note: In the case of multiple overpayments, order of precedence is Y (first), D, W, and S.

Pell Overpayment Contact

- = N/A, if applicant has no Pell overpayments
- = 05, if applicant has one Pell overpayment and overpayment source is EDR and region code is not 04, 05, or 09
- = ED region, if applicant has one Pell overpayment and overpayment source is EDR and region code is 04, 05, or 09
- = school OPE ID, if applicant has one Pell overpayment and overpayment source is not EDR
- = Y, if applicant has more than one Pell overpayment

FSEOG Overpayment Indicator

Same as Overpayment Pell Indicator except for FSEOG overpayments

FSEOG Overpayment Contact

Same as Overpayment Pell Contact except for FSEOG overpayments

Perkins Overpayment Indicator

Same as Overpayment Pell Indicator except for Perkins overpayments

Perkins Overpayment Contact

Same as Overpayment Pell Contact except for Perkins overpayments

3. Pell Payment Record (Type 4)

Pell information is selected for Pell grants:

- where PELL\_GRANT TYPE = 'PE'
- and PELL\_GRANT AWARD\_YEAR = specified award year
- and (PELL\_GRANT AMOUNT\_PAID\_TO\_DATE > 0
- or PELL\_GRANT REMAINING\_AMT\_TO\_PAY > 0)

The specified award year is provided in the FAT batch detail request record.

OPE ID

- = reporting school code/reporting school branch code, if present
- = attending school code/attending school branch code, otherwise

4. Loan Detail Record (Type 5)

Net Amount

- = LOAN AMOUNT - LOAN D\_TOTAL\_CANCELLATION\_AMOUNT
- Limited to a minimum of zero.

Outstanding Principal Balance and Outstanding Principal Balance Date

Outstanding Principal Balance and Outstanding Principal Balance Date values are derived as indicated in the following table.

<b>Outstanding Principal Balance in NSLDS</b>	<b>Outstanding Principal Balance Date in NSLDS</b>	<b>Outstanding Principal Balance Output</b>	<b>Outstanding Principal Balance Date Output</b>
Zero	zero date ('0001-01-01' in database)	N/A	N/A
Zero	plug date ('1900-01-01' in database)	zero	N/A
zero	not zero date ('0001-01-01' in database) and not plug date ('1900-01-01' in database)	zero	Outstanding Principal Balance Date from NSLDS
not zero	zero date ('0001-01-01' in database) or plug date ('1900-01-01' in database)	Outstanding Principal Balance from NSLDS	N/A
not zero	not zero date ('0001-01-01' in database) and not plug date ('1900-01-01' in database)	Outstanding Principal Balance from NSLDS	Outstanding Principal Balance Date from NSLDS

Period Begin Date

= N/A, if LOAN PERIOD\_BEGIN\_DATE = zero date ('0001-01-01' in database)  
= LOAN PERIOD\_BEGIN\_DATE, otherwise

Period End Date

= N/A, if LOAN PERIOD\_END\_DATE = zero date ('0001-01-01' in database)  
= LOAN PERIOD\_END\_DATE, otherwise

Current GA Code

= N/A, if none (spaces)  
= LOAN D\_CURRENT\_GA\_CODE, otherwise

Contact and Contact Type

Contact and contact type are determined using the following logic.

For FFEL loans:

Set Contact to N/A (default value)

Set Contact Type to N/A (default value)

If LOAN D\_CURRENT\_GA\_CODE IS 555

    If LOAN ED\_FFEL\_REGION\_CODE is 04, 05, or 09

        Set Contact to LOAN ED\_FFEL\_REGION\_CODE

        Set Contact Type to EDR

    Else

        Set Contact to 05

        Set Contact Type to EDR

    End-If

Else

    If LOAN D\_CURRENT\_STATUS\_CODE is one of the defaulted status codes

        If LOAN D\_CURRENT\_GA\_CODE is not spaces

            Set Contact to LOAN D\_CURRENT\_GA\_CODE

            Set Contact Type to GA

        End-If

    Else

        If LOAN D\_CURRENT\_LENDER\_SERVICER\_ID is not spaces and not zeros

            Set Contact to LOAN D\_CURRENT\_LENDER\_SERVICER\_ID

            Set Contact Type to LNS

        Else

            If LOAN D\_CURRENT\_LENDER\_CODE is not spaces and not zeros

                Set Contact to LOAN D\_CURRENT\_LENDER\_CODE

                Set Contact Type to LEN

            End-If

        End-If

    End-If

End-If

For FDLP loans:

Set Contact to N/A (default value)

Set Contact Type to N/A (default value)

If LOAN D\_CURRENT\_GA\_CODE IS 555

    If LOAN ED\_FFEL\_REGION\_CODE is 04, 05, or 09

        Set Contact to LOAN ED\_FFEL\_REGION\_CODE

        Set Contact Type to EDR

    Else

        Set Contact to 05

        Set Contact Type to EDR

    End-If

Else

Concatenate the current responsible FDSL\_P\_SERVICER CODE and  
FDSL\_P\_SERVICER\_BRANCH CODE

Set Contact to the concatenated value

Set Contact Type to DLS

End-If

For Perkins and FISL loans:

Set Contact to N/A (default value)

Set Contact Type to N/A (default value)

If LOAN\_D\_CURRENT\_GA\_CODE IS 555

If LOAN\_ED\_FFEL\_REGION\_CODE is 04, 05, or 09

Set Contact to LOAN\_ED\_FFEL\_REGION\_CODE

Set Contact Type to EDR

Else

Set Contact to 05

Set Contact Type to EDR

End-If

Else

Concatenate the associated SCHOOL\_CODE and SCHOOL\_BRANCH\_CODE

Set Contact to the concatenated value

Set Contact Type to SCH

End-If

#### Academic Level

= N, if none (space or N) for FAT batch

= LOAN\_ACADEMIC\_LEVEL, otherwise

#### Additional Unsubsidized Flag

= B, if both LOAN\_ORIGINATION\_SUPPORT\_ADDITIONAL\_PLUS\_DENIAL\_INDICATOR and  
LOAN\_ORIGINATION\_SUPPORT\_ADDITIONAL\_HEALTH\_PROF\_INDICATOR are Y

= P, if LOAN\_ORIGINATION\_SUPPORT\_ADDITIONAL\_PLUS\_DENIAL\_INDICATOR is Y and  
LOAN\_ORIGINATION\_SUPPORT\_ADDITIONAL\_HEALTH\_PROF\_INDICATOR is not Y

= H, if LOAN\_ORIGINATION\_SUPPORT\_ADDITIONAL\_PLUS\_DENIAL\_INDICATOR is not Y  
and LOAN\_ORIGINATION\_SUPPORT\_ADDITIONAL\_HEALTH\_PROF\_INDICATOR is Y

= N, otherwise

#### Capitalized Interest Flag

= Y, if LOAN\_OUTSTANDING\_PRINCIPAL\_BALANCE > Loan Net Amount

= N, otherwise

#### Last Disbursement Amount

=  $\Sigma$  LOAN\_DISBURSEMENT\_DIFFERENCE\_AMOUNT

where the disbursements are considered in descending date order and the summation is stopped when the summed amount is greater than or equal to zero. If summed amount is negative after all disbursements are considered, zero is used.

= N/A, if loan has no disbursements

Last Disbursement Date

= LOAN D\_CURRENT\_DISBURSEMENT\_DATE

= N/A, if loan has no disbursements