Volume V, Section 2 - COD Test Cases

Introduction

All schools must now use the Common Record in XML format to submit Pell, ACG, National SMART Grants and/or Direct Loan origination and disbursement data to the COD System over the Student Aid Internet Gateway (SAIG).

Schools should refer to *Volume II* of the *2008-2009 COD Technical Reference* for record layouts and processes.

Schools that participate in COD School Testing can test with the structured test cases described in this guide and will receive Receipt and Response files from COD.

Test Data Sent from the Schools to the COD System

This section provides an overview of the records schools send to COD during the School Testing process. Each type of record and its general functionality are described. General test conditions are also discussed.

Common Record

The Common Origination and Disbursement Process utilizes one single record across programs for both originations and disbursements. Schools use the Common Record, which uses common data elements, definitions, edits, and structure for Pell, ACG and National SMART Grants and Direct Loans. Although the record has the same layout for all programs, not all data elements are required for each transmission or for each program. This record layout relies on a technology called XML.

For School Testing, the Common Record is submitted using the message class **CRTESTIN**.

Upon receipt of a Common Record in XML format, the COD System performs an immediate check to determine if the Common Record is readable. If the Common Record is readable and complies with the XML schema, the COD System returns a Receipt. COD will not return a Receipt or Response for records that are not readable nor comply with the XML schema.

For School Testing, the Receipt is returned using the message class **CRTESTOP**.

After the COD System confirms the Common Record is readable and complies with the XML schema, the COD System classifies the record to determine how it will be processed. The record is classified as either a new record or an update record.

A new record establishes a new student, award or disbursement on the COD System. There are three types of new records:

- *New Student with a New Award* - If the student identifier does not match any previously submitted to the COD System the record is considered a new student. A student cannot be established on the COD database until an award is accepted for the student.

- *New Award* - If the student identifier matches a person already established on the COD System, the system checks to determine if the award is already on file. If not, then the record is considered a new award.

- *New Disbursement* – If the person and award already exist on the COD System, the system checks the disbursement number submitted for the award. If it is not already on file, the system logs the disbursement as a new disbursement. There are two types of disbursement records:

  o *Actual Disbursement* – Actual disbursement records contain a Disbursement Release Indicator = "True".

  o *Anticipated Disbursement* - Anticipated disbursement contain a Disbursement Release Indicator = "False" or omitted. These disbursements are not considered

actual disbursements; therefore, they do not substantiate drawdowns or cause funds to be pushed to the school.

A change record performs an update to information or elements that were previously established on the COD System. There are two types of update records:

- *Change Record* – A change record performs an update to an award or disbursement data element that was previously established by a new record OR is used to change disbursement amounts and dates.

- *Actual Disbursement Record* - A Actual Disbursement record is submitted with a Disbursement Release Indicator = "True" for a disbursement record previously submitted as an anticipated disbursement. A actual disbursement signals to the COD System that the disbursement information is an actual disbursement. It either releases funds available to a school via drawdown, or substantiates cash already made available to the school.

After the Common Record is processed, the COD System returns a Receipt and Response to the school.
For School Testing, the Response is returned using the message class **CRTESTOP**.
Testing with the predefined test data covers scenarios for nine students including:

- New Students with a New Award

- New Disbursements – Actual Disbursements

- New Disbursements – Anticipated Disbursements

- Update Records

- Release Records

The Common Record layout is provided in the *2008-2009 COD Technical Reference, Volume II, Section 3 – Common Record Layout.*

Note: School Testing for 2008-2009 will only involve the 2.0e schema. During the testing process, schools can submit data for 2008-2009 awards. Testing concurrent award year processing in the 2008-2009 schemas will not be possible.

Test Data Received by the Schools from COD

This section provides an overview of the different record types that are received by a school from COD during the test process.

Common Record Receipts

The COD System returns a Receipt after it performs an XML schema check against valid schema. The Receipt is sent to the School after the Common Record is processed by the COD System. This Receipt is sent using the message class **CRTESTOP**.

Common Record Response

The Common Record Response is sent back to the school after processing is complete. Schools have the option of selecting either a standard or full Common Record Response. A full Response contains all the data elements that were in the original Common Record sent by the school and the rejected data elements and reason codes. A standard Response contains only the rejected data elements and error reason codes. It is recommended that full Responses be requested during this testing process. Test Responses are sent using the message classes **CRTESTOP**.

Test Execution

In this section, record profiles are provided for each test case. Use these test scripts in conjunction with the *Volume II, Section 3 – Common Record Layout.* Specific data are defined, and step-by-step instructions for executing the test are provided. Below is a checklist of the major steps in the testing process:

Common Record Manual Verification

The purpose of the Common Record Manual Verification testing is to ensure that the school's XML Common Record is well formed and properly structured according to the rules of the XML Common Record Schema. The COD team manually reviews a Common Record document sent by the school and assists the school in the identification of potential updates to their Common Record submissions. This testing does not validate the data submitted within the Common Record. For this phase of testing, only two student records should be sent in the Common Record.

NOTE: Common Record Manual Verification is a required test phase for all schools that participate in School Testing.

Common Record Manual Verification Checklist		
Step	**Task**	**Task Completed**
1	Schedule test dates with the COD School Relations Center for XML Common Record Manual Verification Testing (Phase I).	
2	Schools should use the test cases included in this document for the XML Common Record Manual Verification testing. This test data, after it has passed the XML structure verification, can be used in system testing and eliminate the need for the school to create more test data. DO NOT send real SSN, name, and/or address combinations. This is in respect to the Privacy act of 1974.	
3	Schools should e-mail Common Record data to COD School Relations Center. (E-mail address to be provided upon sign-up for testing).	
4	Schools will receive the results of the XML Common Record Manual Verification via e-mail. The results will include a list of errors and actions that need to be taken by the school to correct the data. It may also include a corrected file for the school to use as a reference for making corrections. Some potential errors are file size errors, missing tags and unused tags.	
5	Repeat steps 2-4 until test data passes XML Common Record Manual Verification.	

Structured Application Testing

The purpose of the Structured Application Testing is to ensure that schools can send, receive, and process batches of records using detailed input instructions with detailed expected results

issued by COD. Schools use a test ISIR file supplied by COD that creates a test data set of students to use with the structured test cases. During this phase, Schools send Common Record documents to COD and receive Common Record Receipts and Response documents back from COD. This phase of testing is not all-inclusive; it is meant only to ensure schools can send, receive and process records with detailed expected results.

The submission of all test cases is not required in order to participate in Structured Testing. Schools are encouraged to use the test cases which are supported by their software. The test cases are meant as a guide to submit records. Not all fields in test cases are required for processing and schools may submit several records during a given test cycle due to software limitations.

NOTE: Structured Application Testing can begin only after successful completion of the Common Record Manual Verification Testing.

	Structured Application Testing	
Step	**Task**	**Task Completed**
1	Prepare a test environment using a Test Destination Mailbox, Test message classes (CRTESTIN), School Entity ID, and specified COD forward system date.	
2	Schedule test dates with the COD School Relations Center for Structured Application Testing (Phase II).	
3	Prepare the test data (received from COD) for Test Cycle 1 using the School Test Entity ID.	
4	Send the test document to COD school testing SAIG test mailbox (TG75891).	
5	If Response is not received within two (2) days, contact COD School Relations Center for an update.	
6	Once file has been sent, verify that the file has been received via SAIG portal and notify COD School Relations Center that the file has been sent.	
7	If the file was not received by SAIG, contact SAIG customer service at either (800) 330-5947 or CPSSAIG@ed.gov.	
8	Receive notification from the COD School Relations Center that the Receipt and Response are on the SAIG. Pull the Receipt and Response into the school COD system.	
9	Validate Response documents against the published expected	
10	Call the COD School Relations Center to confirm results before proceeding.	
11	Repeat steps 4 through 8 for Test Cycle 2.	
12	Receive notification from the COD School Relations Center that the testing cycle is complete.	
13	If a test environment is not used, reset the school's system defaults for production, and verify that the test data is deleted or all test grants/loans are adjusted to $0. **Note:** If system is not reset to the defaults, it may cause errors in the	

	production data. Remember to change the school test environment system date back to the correct current date.	

Test Student Profiles

Case #1: Student 1 applies for an ACG. The student is a second year undergraduate eligible for an ACG. The first submission contains the Common Record person, award, and disbursement with incorrect student date of birth data. The school receives a Response indicating that the ACG award is rejected due to no eligible SSN, DOB and last name combination match on CPS. The second submission contains an updated record for the correct student DOB.

Case #2: Student 2 applies for a Federal Pell Grant and an ACG. This student is a second-year student (Grade level = 2) and is eligible for a Pell Grant (EFC = $3,400) and an ACG. The first submission contains the Common Record person, award, and disbursement data with a disbursement release indicator = true for both awards. The student is awarded a Pell Grant of $1381 and an ACG of $1300. The second submission contains an adjustment to the disbursement amount.

Case #3: Student 3 applies for a Federal Pell Grant and an ACG. This student is an incoming first-year student (Grade level = 0), and is eligible for a Pell Grant (EFC = $2600) and an ACG. The first submission contains the Common Record person, award, and disbursement data with a Disbursement Release Indicator = false for both awards. The student is awarded a Pell Grant of $1990 and an ACG of $750. Warning edit 54 is expected and acceptable. The second Common Record contains a Release Record with a Disbursement Release Indicator = true for an actual disbursement.

Case #4: Student 4 applies for a Direct PLUS Loan. This student is a first-year graduate professional (Grade level = 6). The student is awarded a PLUS loan of $4500. The first submission contains disbursement information and a Disbursement Release Indicator = false. Warning edit 54 is expected and acceptable. The second Common Record contains a Release Record with a Disbursement Release Indicator = true for an actual disbursement.
Note: The borrower is a student and it is assumed that a valid PLUS Master Promissory Note is on file at COD.

Case #5: Student 5 applies for a Direct Unsubsidized Loan and a National SMART Grant. This student is an undergraduate student (Grade level = 4), and is eligible for a National SMART Grant. The student is awarded a National SMART Grant for $4000 and Direct Unsubsidized Loan for $3,500. The first submission contains disbursement information and a Disbursement Release Indicator = false for both awards. Warning edit 54 is expected and acceptable. The second submission for National SMART Grant contains a Release Record with a Disbursement Release Indicator = true for an actual disbursement and the second submission for DL Unsubsidized Loan includes a decrease in the award amount and disbursement amounts and a Release Record with a Disbursement Release Indicator = true for the first actual disbursement.
Note: It is assumed that a valid Master Promissory Note is on file at COD.

Case #6: Student 6 applies for a Direct Subsidized Loan and Direct Unsubsidized Loan. This student is a second-year student (Grade level = 2). The first submission contains the Common

Record person, award, disbursement data with a Disbursement Release Indicator = true for both awards. The student is awarded a Direct Subsidized Loan for $2000 and a Direct Unsubsidized Loan for $1500. Warning edit 54 is expected and acceptable. The second submission includes a Release Record with a Disbursement Release Indicator = true for the second actual disbursement for both loan awards.
Note: It is assumed that a valid Master Promissory Note is on file at COD.

Case #7: Student 7's parent applies for a PLUS Loan. This student is a second-year student (Grade level = 2), and the loan is for $1000. The first submission contains a Common Record with disbursement information and a Disbursement Release Indicator = true. This case is not included in the second submission.
Note: It is assumed that a valid PLUS Master Promissory Note is on file at COD.

Case #8: Student 8 applies for a Pell Grant, ACG, Direct Subsidized loan, and a Direct Unsubsidized Loan. This student is a second-year student (Grade level = 2). The first submission contains the Common Record person, award, disbursement data with a Disbursement Release Indicator = false for all four awards. The student is awarded a Pell Grant of $4731, an ACG award of $1000, a Direct Subsidized Loan for $3500, and a Direct Unsubsidized loan for $1000. Warning Edit 54 is expected and acceptable. The second submission includes a Release Record with a Disbursement Release Indicator = true for the actual disbursements for all four awards.
Note: It is assumed that a valid Master Promissory Note is on file at COD.

Case #9: Student 9 applies for a Pell Grant, National SMART Grant, Direct Subsidized Loan, and a Direct Unsubsidized loan. This student is a fourth-year student (Grade level = 4). The first submission contains the person, award and actual disbursements with a Disbursement Release Indicator = true for all four awards except disbursement number 2 of the Direct Unsubsidized Loan. The student is awarded a Pell Grant of $4731, a National SMART Grant of $3000, a Direct Subsidized Loan for $5500, and a Direct Unsubsidized Loan for $3500. The second submission includes the adjustment to $0 of the Direct Unsubsidized award amount and first disbursement. Warning Edit 119 may occur for the second submission and is acceptable.
Note: It is assumed that a valid Master Promissory Note is on file at COD.

Creating Unique Social Security Numbers

Because there are a large number of schools participating in this test, it is desirable to have unique Social Security numbers (SSNs) submitted for test records. The following formula is recommended to generate the SSNs for the school test data. The ISIRs the COD System provides for test data contain the last five characters of the school TG mailbox number as the first five numbers of each SSN. For example, if a school TG mailbox number is TG77778 and the test data defines a SSN of ###-##-0001, use 777-78-0001.

Note: These students will already be created for you and sent via e-mail. The last four digits of the SSNs may vary from the below matrix, but the COD School Relations Center will provide this information prior to testing.

Note: Students intended for Test Case 1 (###-##-0001) will be loaded incorrectly by COD for testing purposes.

Student Profile Matrix

Student Profile Matrix				
Student Number	**Award Type**	**Student SSN**	**First Submission**	**Second Submission**
1 (Send)	ACG	###-##-0001	Common Record	N/A
1 (Receive)	ACG	###-##-0001	Receipt Response—Reject	N/A
2 (Send)	Pell and ACG	###-##-0002	Common Record with Disbursement Release Indicator = true	Adjustment to disbursement amounts.
2 (Receive)	Pell and ACG	###-##-0002	Receipt Response	Receipt Response
3 (Send)	Pell and ACG	###-##-0003	Common Record with Disbursement Release Indicator = false	Actual Disbursements with Disbursement Release Indicator = true
3 (Receive)	Pell and ACG	###-##-0003	Receipt Response	Receipt Response
4 (Send)	PLUS	###-##-0004	Common Record with Disbursement Release Indicator = false	Actual Disbursement with Disbursement Release Indicator = true
4 (Receive)	PLUS	###-##-0004	Receipt Response	Receipt Response
5 (Send)	Direct Loan (Unsubsidized) and National SMART Grant	###-##-0005	Common Record with Disbursement Release Indicator = false	Actual Disbursement with Disbursement Release Indicator = true for National SMART Grant and Update award amount and disbursement amounts for Unsubsidized Loan.
5 (Receive)	Direct Loan (Unsubsidized) and National SMART Grant	###-##-0005	Receipt Response	Receipt Response

Student Profile Matrix				
Student Number	**Award Type**	**Student SSN**	**First Submission**	**Second Submission**
6 (Send)	Direct Loans (Subsidized & Unsubsidized)	###-##-0006	Common Record with Disbursement Release Indicator = true	2nd Actual Disbursements with Disbursement Release Indicator = true
6 (Receive)	Direct Loan (Subsidized & Unsubsidized)	###-##-0006	Receipt Response	Receipt Response
7 (Send)	PLUS	###-##-0007	Common Record with Disbursement Release Indicator = true	N/A
7 (Receive)	PLUS	###-##-0007	Receipt Response	N/A
8 (Send)	Pell & ACG & Direct Loans (Subsidized & Unsubsidized)	###-##-0008	Common Record with Disbursement Release Indicator = false	Actual disbursements with Disbursement Release Indicator = true
8 (Receive)	Pell & ACG & Direct Loans Subsidized & Unsubsidized)	###-##-0008	Receipt Response	Receipt Response
9 (Send)	Pell & National SMART Grant & Direct Loans (Subsidized & Unsubsidized)	###-##-0009	Common Record with Disbursement Release Indicator = true	Adjust Unsubsidized award amount and 1st Actual Disbursement to $0
9 (Receive)	Pell & National SMART Grant & Direct Loans (Subsidized & Unsubsidized)	###-##-0009	Receipt Response	Receipt Response

Preparing the Test Environment

It is necessary to define separate, independent regions for the school test and production data. Before proceeding with testing, verify that the method defined is valid and that any test data created does not mix with live production data within the school's environment. School test environment must have the ability to modify the system processing date.

Setting System Defaults

For the Testing Process, any defaults in a school's system should be set as follows:

- **Entity ID:** (Contact the COD School Relations Center for this information prior to testing)

- **For Pell:**
    - Disbursement Date #1 = 2008-08-07*
    - Disbursement Date #2 = 2008-08-15

- **For ACG:**
    - Grade level = 0, 1 or 2
    - Disbursement Date #1 = 2008-08-07*
    - Disbursement Date #2 = 2008-08-15

- **For National SMART Grant:**
    - Grade level = 3 or 4
    - Disbursement Date #1 = 2008-08-07*
    - Disbursement Date #2 = 2008-08-15

- **For Direct Loan:**
    - Promissory Note Print Options = Promissory note prints on-site at school
    - Subsidized/Unsubsidized Fee Percentage = 2.0

        Note: If a loan is submitted with an earliest Disbursement Date on or after July 1, 2008 and before July 1, 2009, the corresponding Origination Fee Percent must be 2.0 %.

    - Grad PLUS Fee Percentage = 4.0
    - PLUS Fee Percentage = 4.0
    - Interest Rebate Percentage = 1.5
    - Disbursement Date #1 = 2008-08-07*
    - Disbursement Date #2 = 2008-08-15

        Note: For Test Case #6, Disbursement Date #2 = 2008-08-13.

    - Loan Period Start Date = 2008-07-02
    - Loan Period End Date = 2009-07-01
    - Student's Academic Year Start Date = 2008-07-02
    - Student's Academic Year End Date = 2009-07-01

NOTE: The loan period start and end dates must be equal to or within the student's academic year start and end dates.

First Test Cycle

In the first test cycle, a school submits Common Records in XML format for up to nine students.

- One student with ACG

- One student with ACG and National SMART Grant

- Two students with Pell Grant and ACG

- One student with GPLUS loan

- One student with DL Unsubsidized Loan and National SMART Grant

- One student with DL Unsubsidized Loan and Subsidized Loan

- One student with Pell Grant, ACG, Unsubsidized Loan and Subsidized Loan

- One student with Pell Grant, National SMART Grant, Unsubsidized Loan and Subsidized Loan

Once the awards are in XML Common Record format, create one file (batch) to be sent to COD:

First Test Cycle to COD in XML Format		
File Description	**Message Class**	**Maximum Number of Students in Batch**
Common Record Documents	CRTESTIN	9

COD processes the files, and the school receives two files from COD in return:

First Test Cycle Receipts and Responses from COD		
File Description	**Message Class**	**Maximum Number of Students in Batch**
Common Record Receipts	CRTESTOP	9
Common Record Responses	CRTESTOP	9

Helpful Hints for Preparing Test Case Input Files and Receiving COD Responses:
When XML errors and rejection edits occur after an input file is entered into the COD system, these errors typically result because the input file contains errors. Many of these errors can be avoided before an input file is submitted. Common input errors are (but not limited to):

- Extra spaces (blanks) contained anywhere in the XML file. Each space, or position, counts as a value when the file processes through the COD system. As a result, the system does not accept the file as having the correct XML format and rejects the file.

- Personal Information of the Student and/or Borrower – Examples: Switching the SSN of Borrower and Student, incorrect SSN of Student/Borrower, Student/Borrower's DOB, Student/Borrower's Last Name, Student/Borrower's Address Information (Address, City, State Province, Postal Code lines), CPS Transaction Number, Grade Level, and Citizenship Status Code.

- Award Information – Examples: Disbursement Amount (common error for this is Duplicate Adjustment Information), Disbursement Number, Disbursement Sequence Number, Interest Rebate Amount, Attendance Cost, Financial Award Amount, Award Year, Promissory Note Print Code, Payment Period Start Date, and Payment Period End Date.

- School Information – Examples: Attending/Reporting School Entity ID.

- ACG and SMART use Pell code to construct the financial award ID for school identification which is different from the DL code normally used when processing Direct Loans.

- The order of "Award ID" and "Award number" tags for ACG and SMART is different from Direct Loan processing. While the order of the tags is currently accepted both ways, it is recommended that Award ID be followed by the Award number tag in both ACG and SMART.

- Remember that Test Cases are intended as a guide to submitting accurate records. Include only the test cases which are supported by your software. Keep as close to test cases as possible but include only eligible programs. For example, Test Case 8 includes a Pell Grant, ACG, DL Sub and DL Unsub. If the school is setup only for Pell, ACG and National SMART Grant, include only those programs. Schools may submit several submissions with only one program due to software limitations.

An XML error will result in the input file not being processed at all by the COD system. The system will process an input file with incorrect information (some examples of which are provided, above) and generate a variety of edits (depending on the number and degree of input errors) in its Response. Because an input file can contain a variety and combination of errors, it is not possible to list all possible edits occurring under all possible conditions. The following are the most common edits and/or combination of edits that can result from a Response if the above information is not correct in the input file:

Edits: 011, 015, 024, 034, 039, 056, 058, 059, 077, 078, 100, 114, 117, 120, 121, 996 and 998

It should also be noted that some edits also have companion edits. This means that if an edit is generated, it can be followed by a second edit because it is directly related to the first edit. When the first edit is resolved, this will typically also resolve the companion edit. Because of the variety and combination of errors that can be processed from an input file, not all possible edits and its companion edits can be listed.

Edits can be triggered for more than one type of error. For instance, an Edit 996 can be triggered by a variety of input errors, for instance an incorrect Student SSN, a school having an incorrect or incomplete Award Year Setup, or an incorrect Financial Award Amount entered for a student. A single edit like this can occur under such varied conditions due to the nature of the errors contained in that particular XML file. Also, depending on the award year, a particular edit or combination of edits can also be generated, based on incorrect information being submitted in that input file.

Even when an input file is in the correct XML format and contains correct information, it is still possible for the file to generate edits. In many of these cases, these are expected edits. In some cases, these edits can also have companion edits generated. Examples of the most common edits are (but not limited to):

- Disbursement Release Indicator
- Disbursement Date
- Award Year Setup
- Document ID

For more detailed information on specific edits, Schools should refer to *Volume II, Section 4 of the 2008-2009 COD Technical Reference* for Common Record Edits. This reference guide specifically defines the edits and the edit types. The reference also identifies conditions under which the edit occurs and provides solutions/actions for preventing these edits from reoccurring in the future.

NOTE: COD manages the test environment and the processing of input records. Any concerns regarding the environment or input record processing should be discussed with COD. CPS is responsible for the ISIR layout and COD manages ISIR generation. Any concerns about the ISIR layout should be discussed with CPS and any concerns about ISIR generation should be discussed with COD. School Setup Information is managed by COD. If you generate an edit for your School Information, and you have verified that your School Information is correct, you should contact COD.

The following steps assist the schools in completing these submission tasks:

Case #1—ACG	
Step	**Action/Input**
1	Originate and disburse an ACG for Student #1 with an SSN = ###-##-0001, where ###-## represents the 5 characters of the specified test mailbox (TG Number). **For example:** If the specified test mailbox (TG Number) is 77778, the SSN for this student is 777-78-0001.
2	If you have loaded the provided Test ISIR file, some of the following data for this ACG transmission may already be available in your system. Verify the data in your system agrees with the test data outlined below adding or updating data to your system whenever necessary. Submit a Common Record containing the following information: **Student**: Student Identifier (current student SSN, Date of Birth, Last Name) = Student's Current SSN = ###-##-0001 Student's Date of Birth = 1983-01-01 Student's Last Name = Test1 <Name> Complex Element Student's First Name = Student

	Student's Middle Initial = P
	Student's Last Name = Test1
3	**Award Information:**
	<AcademicCompetitivenessGrant> Complex Element
	Award Year = 2009 (2008-2009)
	CPS Transaction Number = 01
	Award Amount = 1300.00
	StudentLevelCode = 2
	EligibilityPaymentReasonCode = 01
	RigorousHighSchoolProgramCode = DD0001
	*FinancialAwardID = 777780001A09077778001
	*Note: The financial award id is only an example
4	**Disbursement Information:**
	<Disbursement> Complex Element
	Disbursement Number = 01
	Disbursement Amount = 1300.00
	Disbursement Date = 2008-08-07
	Disbursement Release Indicator = true
	Disbursement Sequence Number = 01
5	Save the record.

Case #2—Pell and ACG	
Step	**Action/Input**
6	Originate and disburse a Pell Grant and an ACG for Student #2 with an SSN = ###-##-0002, where ###-## represents the 5 characters of the specified test mailbox (TG Number).
	For example: If the specified test mailbox (TG Number) is 77778, the SSN for this student is 777-78-0002.
7	If you have loaded the provided Test ISIR file, some of the following data for this transmission may already be available in your system.
	Verify the data in your system agrees with the test data outlined below adding or updating data to your system whenever necessary.
	Submit a Common Record containing the following information:
	Student:
	Student Identifier (current student SSN, Date of Birth, Last Name) =
	Student's Current SSN = ###-##-0002
	Student's Date of Birth = 1984-02-02
	Student's Last Name = Test2
	<Name> Complex Element
	Student's First Name = Student
	Student's Middle Initial = P
	Student's Last Name = Test2
8	**Award Information:**
	<Pell> Complex Element
	Award Year = 2009 (2008-2009)
	CPS Transaction Number = 01
	Award Amount = 1381.00

	Cost of Attendance = 9000.00 Enrollment Date = 2008-07-01 **Note:** Expected Family Contribution (EFC) is not submitted to COD as COD receives this data through an interface with CPS. This test case does NOT use the Secondary EFC.

9	**Disbursement Information:**
	<Disbursement> Complex Element
	    Disbursement Number = 01
	    Disbursement Amount = 451.00
	    Disbursement Date = 2008-08-07
	    Disbursement Release Indicator = true
	    Disbursement Sequence Number = 01

10	<AcademicCompetitivenessGrant> Complex Element
	    Award Year = 2009 (2008-2009)
	    CPS Transaction Number = 01
	    Award Amount = 1300.00
	    StudentLevelCode = 2
	    EligibilityPaymentReasonCode = 01
	    RigorousHighSchoolProgramCode = DD0001
	    *FinancialAwardID = 777780002A09077778001
	
	    *Note: The financial award id is only an example

11	Disbursement Information:
	<Disbursement> Complex Element
	    Disbursement Number = 01
	    Disbursement Amount = 1300.00
	    Disbursement Date = 2008-08-07
	    Disbursement Release Indicator = true
	    Disbursement Sequence Number = 01

12	Save the record.

Case #3—Pell and ACG

Step	Action/Input
13	Originate and disburse a Pell Grant and an ACG for Student #3 with an SSN = ###-##-0003, where ###-## represents the 5 characters of the specified test mailbox (TG number). **For example:** If the specified test mailbox (TG Number) is 77778, the SSN for this student is 777-78-0003.

14	If you have loaded the provided Test ISIR file, some of the following data for this transmission may already be available in your system.
	Verify the data in your system agrees with the test data outlined below adding or updating data to your system whenever necessary.
	Submit a Common Record containing the following information:
	Student:
	Student Identifier (current student SSN, Date of Birth, Last Name) =
	    Student's Current SSN = ###-##-0003
	    Student's Date of Birth = 1984-03-03
	    Student's Last Name = Test3
	<Name> Complex Element
	    Student's First Name = Student

	Student's Middle Initial = P Student's Last Name = Test3

15	**Award Information:**
	
	<Pell> Complex Element
	      Award Year = 2009 (2008-2009)
	      CPS Transaction Number = 01
	      Award Amount = 1990.00
	      Cost of Attendance = 4000.00
	      Enrollment Date = 2008-07-01
	
	Note: Expected Family Contribution (EFC) is not submitted to COD as COD receives this data through an interface with CPS. This test case does NOT use the Secondary EFC.

16	**Disbursement Information:**
	
	<Disbursement> Complex Element
	      Disbursement Number = 01
	      Disbursement Amount = 1091
	      Disbursement Date = 2008-08-07
	      Disbursement Release Indicator = false
	      Disbursement Sequence Number = 01
	
	      Disbursement Number = 02
	      Disbursement Amount = 899
	      Disbursement Date = 2008-08-15
	      Disbursement Release Indicator = false
	      Disbursement Sequence Number = 01

17	<AcademicCompetitivenessGrant> Complex Element
	      Award Year = 2009 (2008-2009)
	      CPS Transaction Number = 01
	      Award Amount = 750.00
	      StudentLevelCode = 0
	      EligibilityPaymentReasonCode = 02
	      *FinancialAwardID = 777780003A09077778001
	
	      *Note: The financial award id is only an example

18	**Disbursement Information:**
	
	<Disbursement> Complex Element
	      Disbursement Number = 01
	      Disbursement Amount = 375
	      Disbursement Date = 2008-08-07
	      Disbursement Release Indicator = false
	      Disbursement Sequence Number = 01
	
	      Disbursement Number = 02
	      Disbursement Amount = 375
	      Disbursement Date = 2008-08-15
	      Disbursement Release Indicator = false
	      Disbursement Sequence Number = 01

19	Save the record.

Case #4- PLUS Loan	
Step	**Action/Input**
20	Originate and disburse a PLUS Loan for Student #4 with an SSN = ###-##-0004, where ###-## represents the 5 characters of the specified test mailbox (TG number).

For example: If the specified test mailbox (TG Number) is 77778, the SSN for this student is 777-78-0004. |
| 21 | If you have loaded the provided Test ISIR file, some of the following data for this submission may already be available in your system.

Verify the data in your system agrees with the test data outlined below adding or updating data to your system whenever necessary.

Submit a Common Record containing the following information:

Student:

Student Identifier (current student SSN, Date of Birth, Last Name) =
    Student's Current SSN = ###-##-0004
    Student's Date of Birth = 1982-04-04
    Student's Last Name = Test4

<Name> Complex Element
    Student's First Name = Student
    Student's Middle Initial = S
    Student's Last Name = Test4

<Contacts> Complex Element

<Address> Complex Element
    Address = 4 Main Street
    City = Newark
    State = NJ
    Zip or Postal Code = 07112

<DefaultOverpayCode> Complex Element
    DefaultOverpayCode = N (No)

<CitizenshipStatusCode> Complex Element
    CitizenshipStatusCode = 1 |
| 22 | **Borrower**:

Borrower Identifier (SSN, Date of Birth, Last Name) =
    Borrower SSN = ###-##-0004
    Borrower Date of Birth = 1982-04-04
    Borrower Last Name = Test4

<Name> Complex Element
    Borrower First Name = Student
    Borrower Middle Initial = S
    Borrower Last Name = Test4

<Contacts> Complex Element

<Address> Complex Element
    Address = 4 Main Street
    City = Newark
    State = NJ
    Zip or Postal Code = 07112

<CitizenshipStatusCode> Complex Element |

	CitizenshipStatusCode = 1
	<DefaultOverpayCode> Complex Element
	DefaultOverpayCode = N (No)
23	**Award Information:**
	<DLLoanInformation> Complex Element
	Loan Key = 1
	Origination Fee Percentage = 4.0
	Interest Rebate Percentage = 1.5
	Disclosure Statement Print Indicator = Y (School Prints and Sends to Borrower)
	Grade Level Indicator = 6
	Award Begin Date = 2008-07-02
	Award End Date = 2009-07-01
	Academic Year Begin Date = 2008-07-02
	Academic Year End Date = 2009-07-01
	<DLPLUS> Complex Element
	FinancialAwardYear=2009
	CPSTransactionNumber=01
	FinancialAwardAmount=4500.00
	DependencyStatusCode=I
	*FinancialAwardID=777780004P09G77778001 (maps to Loan ID)
	FinancialAwardAmountRequested=4500.00
	*Note: The financial award id is only an example
	Student #4 is independent.
24	**Disbursement Information:**
	<Disbursement> Complex Element
	Disbursement Number = 01
	Disbursement Amount = 4500.00
	Disbursement Date = 2008-08-07
	Disbursement Release Indicator = false
	Disbursement Sequence Number = 01
	First Disbursement Flag = true
	Disbursement Net Amount = 4388.00
	Disbursement Fee Amount = 180.00
	Interest Rebate Amount = 68.00
25	Save the record.

	Case #5 – Unsubsidized Loan and National SMART Grant	
Step	**Action/Input**	
26	Originate and disburse an Unsubsidized Loan and National SMART Grant for Student #5 with an SSN = ###-##-0005, where ###-## represents the 5 characters of the specified test mailbox (TG Number).	
	For example: If the specified test mailbox (TG Number) is 77778, the SSN for this student is 777-78-0005.	
27	If you have loaded the provided Test ISIR file, some of the following data for this submission may already be available in your system.	
	Verify the data in your system agrees with the test data outlined below adding or updating data to your system whenever necessary.	

	Submit a Common Record containing the following information:
	Student:
	Student Identifier (current student SSN, Date of Birth, Last Name) =
	Student's Current SSN = ###-##-0005
	Student's Date of Birth = 1980-05-05
	Student's Last Name = Test5
	\<Name\> Complex Element
	Student's First Name = Student
	Student's Middle Initial = S
	Student's Last Name = Test5
	\<Contacts\> Complex Element
	\<Address\> Complex Element
	Address = 5 Main Street
	City = Newark
	State = NJ
	Zip or Postal Code = 07112
	\<DefaultOverpayCode\> Complex Element
	DefaultOverpayCode = N (No)
28	**Award Information:**
	\<DLLoanInformation\> Complex Element
	Loan Key = 1
	Origination Fee Percentage = 2.0
	Interest Rebate Percentage = 1.5
	Disclosure Statement Print Indicator = Y (School Prints and Sends to Borrower)
	Student Level Code = 4
	Award Begin Date = 2008-07-02
	Award End Date = 2009-07-01
	Academic Year Begin Date = 2008-07-02
	Academic Year End Date = 2009-07-01
	\<DLUnsubsidized\> Complex Element
	Award Year = 2009 (2008-2009)
	CPS Transaction Number = 01
	Award Amount = 3500.00
	Loan Key = 1
	Award Number = 001 (maps to the loan sequence #)
	Dependency Status Code = I
	*Financial Award ID = 777780005U09G77778001 (maps to the Loan ID)
	Additional Unsubsidized Eligibility Indicator= **false**
	*Note: The financial award id is only an example
	Student #5 is independent.
29	**Disbursement Information:**
	\<Disbursement\> Complex Element
	Disbursement Number = 01
	Disbursement Amount = 1750.00
	Disbursement Date = 2008-08-07
	Disbursement Release Indicator = false
	Disbursement Sequence Number = 01
	First Disbursement Flag = true

	Disbursement Net Amount = 1742.00
	Disbursement Fee Amount = 35.00
	Interest Rebate Amount = 27.00
	<Disbursement> Complex Element
	Disbursement Number = 02
	Disbursement Amount = 1750.00
	Disbursement Date = 2008-08-15
	Disbursement Release Indicator = false
	Disbursement Sequence Number = 01
	Disbursement Net Amount = 1742.00
	Disbursement Fee Amount = 35.00
	Interest Rebate Amount = 27.00
30	<NationalSMARTGrant> Complex Element
	Award Year = 2009 (2008-2009)
	CPS Transaction Number = 01
	Award Amount = 4000.00
	StudentLevelCode = 4
	*FinancialAwardID = 777780005T09077778001
	ProgramCIPCode = 14.0101
	*Note: The financial award id is only an example
31	**Disbursement Information:**
	<Disbursement> Complex Element
	Disbursement Number = 01
	Disbursement Amount = 2000
	Disbursement Date = 2008-08-07
	Disbursement Release Indicator = false
	Disbursement Sequence Number = 01
	<Disbursement> Complex element
	Disbursement Number = 02
	Disbursement Amount = 2000
	Disbursement Date = 2008-08-15
	Disbursement Release Indicator = false
	Disbursement Sequence Number = 01
32	Save the record.

Case #6 – Subsidized Loan and Unsubsidized Loan	
Step	**Action/Input**
33	Originate and disburse a Subsidized Loan and an Unsubsidized Loan for Student #6 with an SSN = ###-##-0006, where ###-## represents the 5 characters of the specified test mailbox (TG Number).
	For example: If the specified test mailbox (TG Number) is 77778, the SSN for this student is 777-78-0006.
34	If you have loaded the provided Test ISIR file, some of the following data for this submission may already be available in your system.
	Verify the data in your system agrees with the test data outlined below adding or updating data to your system whenever necessary.
	Submit a Common Record containing the following information:
	Student:

	Student Identifier (current student SSN, Date of Birth, Last Name) =
	Student's Current SSN = ###-##-0006
	Student's Date of Birth = 1982-06-06
	Student's Last Name = Test6
	\<Name\> Complex Element
	Student's First Name = Student
	Student's Middle Initial = S
	Student's Last Name = Test6
	\<Contact\> Complex Element
	\<Address\> Complex Element
	Address = 6 Main Street
	City = Fort Lauderdale
	State = FL
	Zip or Postal Code = 33301
	\<DefaultOverpayCode\> Complex Element
	DefaultOverpayCode = N (No)
35	**Award Information:**
	\<DLLoanInformation\> Complex Element
	Loan Key = 1
	Origination Fee Percentage = 2.0
	Interest Rebate Percentage = 1.5
	Disclosure Statement Print Indicator = Y (School Prints and Sends to Borrower)
	Student Level Code = 2
	Award Begin Date = 2008-07-02
	Award End Date = 2009-07-01
	Academic Year Begin Date = 2008-07-02
	Academic Year End Date = 2009-07-01
	\<DLSubsidized\> Complex Element
	Award Year = 2009 (2008-2009)
	CPS Transaction Number = 01
	Award Amount = 2000.00
	Loan Key = 1
	Financial Award Number = 001 (maps to the loan sequence #)
	Dependency Status Code = D
	*Financial Award ID = 777780006S09G77778001 (maps to the Loan ID)
	*Note: The financial award id is only an example
	Student #6 is dependent
36	**Disbursement Information:**
	\<Disbursement\> Complex Element
	Disbursement Number = 01
	Disbursement Amount = 1000.00
	Disbursement Date = 2008-08-07
	Disbursement Release Indicator = true
	Disbursement Sequence Number = 01
	First Disbursement Flag = true
	Disbursement Net Amount = 995.00
	Disbursement Fee Amount = 20.00
	Interest Rebate Amount = 15.00

	\<Disbursement> Complex Element
	    Disbursement Number = 02
	    Disbursement Amount = 1000.00
	    Disbursement Date = 2008-08-13
	    Disbursement Release Indicator = false
	    Disbursement Sequence Number = 01
	    Disbursement Net Amount = 995.00
	    Disbursement Fee Amount = 20.00
	    Interest Rebate Amount = 15.00

37	**\<DLUnsubsidized> Complex Element**
	    Award Year = 2009 (2008-2009)
	    CPS Transaction Number = 01
	    Award Amount = 1500.00
	    Loan Key = 1
	    Award Number = 001 (maps to the loan sequence #)
	    Dependency Status Code = D
	    *Financial Award ID = 777780006U09G77778001 (maps to the Loan ID)
	    Additional Unsubsidized Eligibility Indicator= **false**
	        *Note: The financial award id is only an example

38	**Disbursement Information:**
	\<Disbursement> Complex element
	    Disbursement Number = 01
	    Disbursement Amount = 750.00
	    Disbursement Date = 2008-08-07
	    Disbursement Release Indicator = true
	    Disbursement Sequence Number = 01
	    First Disbursement Flag = true
	    Disbursement Net Amount = 747.00
	    Disbursement Fee Amount = 15.00
	    Interest Rebate Amount = 12.00
	\<Disbursement> Complex element
	    Disbursement Number = 02
	    Disbursement Amount = 750.00
	    Disbursement Date = 2008-08-13
	    Disbursement Release Indicator = false
	    Disbursement Sequence Number = 01
	    Disbursement Net Amount = 747.00
	    Disbursement Fee Amount = 15.00
	    Interest Rebate Amount = 12.00

39	Save the record.

Case #7 – PLUS Loan	
Step	**Action/Input**
40	Originate and disburse a PLUS Loan for Student #7 with an SSN = ###-##-0007, where ###-## represents the 5 characters of the specified test mailbox (TG number). The Student #7's Parent Borrower SSN = ###-##-0707. **For example:** If the specified test mailbox (TG Number) is 77778, the SSN for this student is 777-78-0007. **Note: It is assumed that a valid PLUS Master Promissory Note is on file at COD for this**

	borrower.
41	If you have loaded the provided Test ISIR file, some of the following data for this submission may already be available in your system.
	Verify the data in your system agrees with the test data outlined below adding or updating data to your system whenever necessary.
	Submit a Common Record containing the following information:
	Student:
	Student Identifier (current student SSN, Date of Birth, Last Name) =
	Student's Current SSN = ###-##-0007
	Student's Date of Birth = 1990-07-07
	Student's Last Name = Test7
	<Name> Complex Element
	Student's First Name = Student
	Student's Middle Initial = S
	Student's Last Name = Test7
	<Contacts> Complex Element
	<Address> Complex Element
	Address = 7 Main Street
	City = Fort Lauderdale
	State = FL
	Zip or Postal Code = 33301
	<DefaultOverpayCode> Complex Element
	DefaultOverpayCode = N (No)
	<CitizenshipStatusCode> Complex Element
	CitizenshipStatusCode=1
42	**Borrower**:
	Borrower Identifier (SSN, Date of Birth, Last Name) =
	Borrower SSN = ###-##-0707
	Borrower Date of Birth = 1953-07-07
	Borrower Last Name = Test7
	<Name> Complex Element
	Borrower First Name = Parent
	Borrower Middle Initial = P
	Borrower Last Name = Test7
	<Contacts> Complex Element
	<Address> Complex Element
	Address = 7 Main Street
	City = Fort Lauderdale
	State = FL
	Zip or Postal Code = 33301
	CitizenshipStatusCode = 1
	<DefaultOverpayCode> Complex Element
	DefaultOverpayCode = N (No)

43	**Award Information:**
	<DLLoanInformation> Complex Element
	Loan Key = 1
	Origination Fee Percentage = 4.0
	Interest Rebate Percentage = 1.5
	Disclosure Statement Print Indicator = Y (School Prints and Sends to Borrower)
	Student Level Code = 2
	Award Begin Date = 2008-07-02
	Award End Date = 2009-07-01
	Academic Year Begin Date = 2008-07-02
	Academic Year End Date = 2009-07-01
	<DLPLUS> Complex Element
	Award Year = 2009 (2008-2009)
	Award Amount = 1000.00
	Loan Key = 1
	Award Number = 001 (maps to the loan sequence #)
	Dependency Status Code = D
	*Financial Award ID = 777780007P09G77778001 (maps to the Loan ID)
	*Note: The financial award id is only an example
	Student #7 is dependent.
44	**Disbursement Information:**
	<Disbursement> Complex Element
	Disbursement Number = 01
	Disbursement Amount = 1000.00
	Disbursement Date = 2008-08-07
	Disbursement Release Indicator = true
	Disbursement Sequence Number = 01
	First Disbursement Flag = true
	Disbursement Net Amount = 975.00
	Disbursement Fee Amount = 40.00
	Interest Rebate Amount = 15.00
45	Save the record.

Case #8 – Pell Grant, ACG, Subsidized Loan and Unsubsidized Loan

Step	Action/Input
46	Originate and disburse a Pell Grant, an ACG, a Subsidized Loan and an Unsubsidized Loan for Student #8 with an SSN = ###-##-0008, where ###-## represents the 5 characters of the specified test mailbox (TG number).
	For example: If the specified test mailbox (TG Number) is 77778, the SSN for this student is 777-78-0008.

47	If you have loaded the provided Test ISIR file, some of the following data for this transmission may already be available in your system.
	Verify the data in your system agrees with the test data outlined below adding or updating data to your system whenever necessary.
	Submit a Common Record containing the following information:
	Student:
	Student Identifier (current student SSN, Date of Birth, Last Name) =
	Student's Current SSN = ###-##-0008
	Student's Date of Birth = 1982-08-08
	Student's Last Name = Test8
	<Name> Complex Element
	Student's First Name = Student
	Student's Middle Initial = C
	Student's Last Name = Test8
	<Contacts> Complex Element
	<Address> Complex Element
	Address = 8 Main Street
	City = San Francisco
	State = CA
	Zip or Postal Code = 94109
	<DefaultOverpayCode> Complex Element
	Loan Default/Grant Overpayment = N (No)
48	**Award Information:**
	<Pell> Complex Element
	Award Year = 2009 (2008-2009)
	CPS Transaction Number = 01
	Award Amount = 4731.00
	Cost of Attendance = 9000.00
	Enrollment Date = 2008-07-01
	Note: Expected Family Contribution (EFC) is not submitted to COD as COD receives this data through an interface with CPS. This test case does NOT use the Secondary EFC.
49	**Disbursement Information:**
	<Disbursement> Complex Element
	Disbursement Number = 01
	Disbursement Amount = 4731.00
	Disbursement Date = 2008-08-07
	Disbursement Release Indicator = false
	Disbursement Sequence Number = 01
50	**Award Information:**
	<AcademicCompetitivenessGrant> Complex Element
	Award Year = 2009 (2008-2009)
	CPS Transaction Number = 01
	Award Amount = 1000.00
	StudentLevelCode = 2
	EligibilityPaymentReasonCode = 03
	*FinancialAwardID = 777780008A09077778001
	*Note: The financial award id is only an example

51	**Disbursement Information:**
	\<Disbursement\> Complex Element
	Disbursement Number = 01
	Disbursement Amount = 1000.00
	Disbursement Date = 2008-08-07
	Disbursement Release Indicator = false
	Disbursement Sequence Number = 01
52	**Award Information:**
	\<DLLoanInformation\> Complex Element
	Loan Key = 1
	Origination Fee Percentage = 2.0
	Interest Rebate Percentage = 1.5
	Disclosure Statement Print Indicator = Y (School Prints and Sends to Borrower)
	Grade Level Indicator = 2
	Award Begin Date = 2008-07-02
	Award End Date = 2009-07-01
	Academic Year Begin Date = 2008-07-02
	Academic Year End Date = 2009-07-01
	\<DLSubsidized\> Complex Element
	Award Year = 2009 (2008-2009)
	CPS Transaction Number = 01
	Award Amount = 3500.00
	Loan Key = 1
	Award Number = 001 (maps to the loan sequence #)
	Dependency Status Code = D
	*Financial Award ID = 777780008S09G77778001 (maps to the Loan ID)
	*Note: The financial award id is only an example
53	**Disbursement Information:**
	\<Disbursement\> Complex element
	Disbursement Number = 01
	Disbursement Amount = 1750.00
	Disbursement Date = 2008-08-07
	Disbursement Release Indicator = false
	Disbursement Sequence Number = 01
	First Disbursement Flag = true
	Disbursement Net Amount = 1742.00
	Disbursement Fee Amount = 35.00
	Interest Rebate Amount = 27.00
	\<Disbursement\> Complex element
	Disbursement Number = 02
	Disbursement Amount = 1750.00
	Disbursement Date = 2008-08-15
	Disbursement Release Indicator = false
	Disbursement Sequence Number = 01
	Disbursement Net Amount = 1742.00
	Disbursement Fee Amount = 35.00
	Interest Rebate Amount = 27.00

54	\<DLUnsubsidized\> Complex Element
	    Award Year = 2009 (2008-2009)
	    CPS Transaction Number = 01
	    Award Amount = 1000.00
	    Loan Key = 1
	    Award Number = 001 (maps to the loan sequence #)
	    Dependency Status Code = D
	    *Financial Award ID = 777780008U09G77778001 (maps to the Loan ID)
	    Additional Unsubsidized Eligibility Indicator= **false**
	    *Note: The financial award id is only an example
	Student #8 is dependent.

55	**Disbursement Information:**
	\<Disbursement\> Complex Element
	    Disbursement Number = 01
	    Disbursement Amount = 500.00
	    Disbursement Date = 2008-08-07
	    Disbursement Release Indicator = false
	    Disbursement Sequence Number = 01
	    First Disbursement Flag = true
	    Disbursement Net Amount = 498.00
	    Disbursement Fee Amount = 10.00
	    Interest Rebate Amount = 8.00
	\<Disbursement\> Complex Element
	    Disbursement Number = 02
	    Disbursement Amount = 500.00
	    isbursement Date = 2008-08-15
	    Disbursement Release Indicator = false
	    Disbursement Sequence Number = 01
	    Disbursement Net Amount = 498.00
	    Disbursement Fee Amount = 10.00
	    Interest Rebate Amount = 8.00

56	Save the record.

Case #9– Pell, National SMART Grant, Subsidized Loan and Unsubsidized Loan	
Step	**Action/Input**
57	Originate and disburse a Pell Grant, a National SMART Grant, a Subsidized Loan and an Unsubsidized Loan for Student #9 with an SSN = ###-##-0009, where ###-## represents the 5 characters of the specified test mailbox (TG Number). **For example:** If the specified test mailbox (TG Number) is 77778, the SSN for this student is 777-78-0009.

58	If you have loaded the provided Test ISIR file, some of the following data for this transmission may already be available in your system.
	Verify the data in your system agrees with the test data outlined below adding or updating data to your system whenever necessary.
	Submit a Common Record containing the following information:
	Student:
	Student Identifier (current student SSN, Date of Birth, Last Name) =
	Student's Current SSN = ###-##-0009
	Student's Date of Birth = 1983-09-09
	Student's Last Name = Test9
	<Name> Complex Element
	Student's First Name = Student
	Student's Middle Initial = C
	Student's Last Name = Test9
	<Contacts> Complex Element
	<Address> Complex Element
	Address = 9 Main Street
	City = San Francisco
	State = CA
	Zip or Postal Code = 94109
	<DefaultOverpayCode> Complex Element
	Loan Default/Grant Overpayment = N (No)
59	**Award Information:**
	<Pell> Complex Element
	Award Year = 2009 (2008-2009)
	CPS Transaction Number = 01
	Award Amount = 4731.00
	Cost of Attendance = 9000.00
	Enrollment Date = 2008-07-01
	Note: Expected Family Contribution (EFC) is not submitted to COD as COD receives this data through an interface with CPS. This test case does NOT use the Secondary EFC.
60	**Disbursement Information:**
	<Disbursement> Complex Element
	Disbursement Number = 01
	Disbursement Amount = 4731.00
	Disbursement Date = 2008-08-07
	Disbursement Release Indicator = true
	Disbursement Sequence Number = 01
61	**Award Information:**
	<NationalSMARTGrant> Complex Element
	Award Year = 2009 (2008-2009)
	CPS Transaction Number = 01
	Award Amount = 3000.00
	StudentLevelCode = 4
	FinancialAwardID = 777780009T09077778001
	ProgramCIPCode = 16.0303
	*Note: The financial award id is only an example

62	**Disbursement Information:**
	
	<Disbursement> Complex element
	    Disbursement Number = 01
	    Disbursement Amount = 3000.00
	    Disbursement Date = 2008-08-07
	    Disbursement Release Indicator = true
	    Disbursement Sequence Number = 01

63	**Award Information:**
	
	<DLLoanInformation> Complex Element
	    Loan Key = 1
	    Origination Fee Percentage = 2.0
	    Interest Rebate Percentage = 1.5
	    Disclosure Statement Print Indicator = Y (School Prints and Sends to Borrower)
	    Student Level Code = 4
	    Award Begin Date = 2008-07-02
	    Award End Date = 2009-07-01
	    Academic Year Begin Date = 2008-07-02
	    Academic Year End Date = 2009-07-01
	<DLSubsidized> Complex Element
	    Award Year = 2009 (2008-2009)
	    CPS Transaction Number = 01
	    Award Amount = 5500.00
	    Loan Key = 1
	    Award Number = 001 (maps to the loan sequence #)
	    Dependency Status Code = D
	    FinancialAward ID = 777780009S09G77778001 (maps to the Loan ID)
	      *Note: The financial award id is only an example

64	**Disbursement Information:**
	
	<Disbursement> Complex Element
	    Disbursement Number = 01
	    Disbursement Amount = 2750.00
	    Disbursement Date = 2008-08-07
	    Disbursement Release Indicator = true
	    Disbursement Sequence Number = 01
	    First Disbursement Flag = true
	    Disbursement Net Amount = 2737.00
	    Disbursement Fee Amount = 55.00
	    Interest Rebate Amount = 42.00
	<Disbursement> Complex Element
	    Disbursement Number = 02
	    Disbursement Amount = 2750.00
	    Disbursement Date = 2008-08-15
	    Disbursement Release Indicator = false
	    Disbursement Sequence Number = 01
	    Disbursement Net Amount = 2737.00
	    Disbursement Fee Amount = 55.00
	    Interest Rebate Amount = 42.00

65	**<DLUnsubsidized> Complex Element**

	Award Year = 2009 (2008-2009)
	CPS Transaction Number = 01
	Award Amount = 5000.00
	Loan Key = 1
	Award Number = 001 (maps to the loan sequence #)
	Dependency Status Code = D
	*FinancialAward ID = 777780009U09G77778001 (maps to the Loan ID)
	Additional Unsubsidized Eligibility Indicator= **true**
	*Note: The financial award id is only an example
	Student #9 is dependent.
66	**Disbursement Information:**
	<Disbursement> Complex Element
	Disbursement Number = 01
	Disbursement Amount = 2500.00
	Disbursement Date = 2008-08-07
	Disbursement Release Indicator = true
	Disbursement Sequence Number = 01
	First Disbursement Flag = true
	Disbursement Net Amount = 2488.00
	Disbursement Fee Amount = 50.00
	Interest Rebate Amount = 38.00
	<Disbursement> Complex Element
	Disbursement Number = 02
	Disbursement Amount = 2500.00
	Disbursement Date = 2008-08-15
	Disbursement Release Indicator = false
	Disbursement Sequence Number = 01
	Disbursement Net Amount = 2488.00
	Disbursement Fee Amount = 50.00
	Interest Rebate Amount = 38.00
67	Save the record.

Prepare Document Block and Entity Block for Batch

Step	Action/Input
68	Transmit the following Document tags with this batch to COD:
	<CommonRecordxmlsn>="http://www.ed.gov/FSA/COD/2006/v2.0e" (Root element for the document)
	<DocumentId> (Date/Time stamp with Source Entity ID)
	<CreatedDateTime> (CCYY-MM-DDTHH:mm:ss.ff)
	<Source>
	<School EntityId="99999999"> or
	<ThirdPartyServicerEntityID="99999999">
	<Destination>
	<COD EntityId="00000001">
	<FullResponseCode> = F (Full Response)

69	Transmit the following Entity tags with this batch to COD:
	<ReportingSchoolEntityId="99999999">
	<ReportedFinancialSummary>
	<FinancialAwardType>
	<FinancialAwardYear>
	<TotalCount>
	<TotalReportedAward>
	<TotalReportedDisbursement>
	<AttendedSchoolEntityId="99999999">

Send Files to COD	
Step	**Action/Input**
70	Prepare the Common Record in XML.
71	Transmit the batch to COD via the SAIG using the message class CRTESTIN and your Test Destination Mailbox.
72	COD processes the batch and the Receipt and Response records are then placed on the SAIG to be retrieved.

Receive Receipts and Responses from COD	
Step	**Action/Input**
73	Import the Receipts into the school's system. The message class is CRTESTOP.
74	Import the Response into the school's system. The message class is CRTESTOP.
75	Verify the results and the successful completion of the first cycle with the COD School Relations Center. Please do not proceed to the second test cycle until the verification.

Second Test Cycle

In the second test cycle, a school performs the following steps:

- Submit updates to Student demographic data

- Submit updates and adjustments to award and disbursement amounts

- Submit Release Records for actual disbursements

Second Test Cycle to COD in XML		
File Description	**Message Class**	**Number of Students in Batch**
Common Record Documents	CRTESTIN	7

COD processes the files, and the school receives two files from COD in return:

Second Test Cycle Receipts and Responses from COD		
File Description	**Message Class**	**Number of Students in Batch**
Common Record Receipts	CRTESTOP	7
Common Record Response Documents	CRTESTOP	7

The following steps assist a school in completing these tasks:

Steps for Schools	
Step	**Action/Input**
0	For the purpose of this test, Direct Loan promissory notes and promissory note Responses are not generated. COD simulated in Cycle 1 that valid MPNs were already on file for these students and the loan records were linked to the MPNs. The MPN status was returned in Cycle 1 on the Response. **CASE #7 IS NOT IN CYCLE 2.**
Case #1— ACG	
Step	**Action/Input**
1	Retrieve Student #1 (###-##-0001).

2	Submit the Student Identifier (current student SSN, Date of Birth, Last Name) =
	    Student's Current SSN = ###-##-0001
	    Student's Date of Birth = 1988-01-01
	    Student's Last Name = Test1

3	Before proceeding, make sure the record is saved.
Case #2—Pell and ACG	
Step	**Action/Input**
4	Retrieve Student #2 (###-##-0002).

5	Submit the Student Identifier (current student SSN, Date of Birth, Last Name) =
	    Student's Current SSN = ###-##-0002
	    Student's Date of Birth = 1984-02-02
	    Student's Last Name = Test2

6	**Pell Disbursement Information to adjust the first disbursement amount:**
	<Disbursement> Complex Element
	    Disbursement Number = 01
	    Disbursement Amount = 400.00
	    Disbursement Date = 2008-08-07
	    Disbursement Release Indicator = true
	    Disbursement Sequence Number = 02

7	**ACG Disbursement Information to adjust the first disbursement amount:**
	<Disbursement> Complex Element
	Disbursement Number = 01
	Disbursement Amount = 800.00
	Disbursement Date = 2008-08-07
	Disbursement Release Indicator = true
	Disbursement Sequence Number = 02
8	Before proceeding, make sure the record is saved.

Case #3—Pell and ACG

Step	Action/Input
9	Retrieve Student #3 (###-##-0003).
10	Submit the Student Identifier (current student SSN, Date of Birth, Last Name) =
	Student's Current SSN = ###-##-0003
	Student's Date of Birth = 1984-03-03
	Student's Last Name = Test3
11	Update the **Disbursement Information** for Pell and ACG:
	Disbursement Number = 01
	Disbursement Sequence Number = 01
	Disbursement Release Indicator = true
12	Save the record.

Case #4 - GPLUS Loan

Step	Action/Input
13	Retrieve Student #4 (###-##-0004).
14	Submit the Student Identifier (current student SSN, Date of Birth, Last Name) =
	Student's Current SSN = ###-##-0004
	Student's Date of Birth = 1982-04-04
	Student's Last Name = Test4
15	Update the **Disbursement Information** for GPLUS Loan:
	Disbursement Number = 01
	Disbursement Sequence Number = 01
	Disbursement Release Indicator = true
16	Save the record.

Case #5—Unsubsidized Loan and National SMART Grant

Step	Action/Input
17	Retrieve the Common Record for student ###-##-0005.
18	Submit the Student Identifier (current student SSN, Date of Birth, Last Name) =
	Student's Current SSN = ###-##-0005
	Student's Date of Birth = 1980-05-05
	Student's Last Name = Test5
19	Update the **Disbursement Information** for National SMART Grant:
	Disbursement Number = 01
	Disbursement Sequence Number = 01
	Disbursement Release Indicator = true

20	Update the **Unsubsidized Award** Amount: **From:** 3500.00 **To:** 2800.00

21	Update the **Disbursement Information** for Unsubsidized Loan:
	    Disbursement Number = 01
	    Disbursement Sequence Number = 01
	
	Update Disbursement Amounts:
	    Disbursement Amount: **From:** 1750.00 **To:** 1400.00
	    Disbursement Fee Amount: **From:** 35.00 **To:** 28.00
	    Interest Rebate Amount: **From:** 27.00 **To:** 21.00
	    Disbursement Net Amount: **From:** 1742.00 **To:** 1393.00
	Disbursement Release Indicator = true

22	Update the **Disbursement Information** for Unsubsidized Loan:
	    Disbursement Number = 02
	    Disbursement Sequence Number = 01
	
	Update Disbursement Amounts:
	    Disbursement Amount: **From:** 1750.00 **To:** 1400.00
	    Disbursement Fee Amount: **From:** 35.00 **To:** 28.00
	    Interest Rebate Amount: **From:** 27.00 **To:** 21.00
	    Disbursement Net Amount: **From:** 1742.00 **To:** 1393.00
	Disbursement Release Indicator = false

23	Save the record.

Case #6—Subsidized Loan and Unsubsidized Loan	
Step	**Action/Input**
24	Retrieve Student ###-##-0006.

25	Submit the Student Identifier (current student SSN, Date of Birth, Last Name) =
	    Student's Current SSN = ###-##-0006
	    Student's Date of Birth = 1982-06-06
	    Student's Last Name = Test6

26	Update the **Disbursement Information** for **Subsidized and Unsubsidized Loans:**
	    Disbursement Number = 02
	    Disbursement Sequence Number = 01
	    Disbursement Release Indicator = true

27	Save the record.

Case #8—Pell, ACG, Subsidized Loan and Unsubsidized Loan	
Step	**Action/Input**
28	Retrieve Student ###-##-0008.

29	Submit the Student Identifier (current student SSN, Date of Birth, Last Name) =
	    Student's Current SSN = ###-##-0008
	    Student's Date of Birth = 1982-08-08
	    Student's Last Name = Test8

30	Update the **Disbursement Information** for Pell, ACG, Direct Loan **Subsidized and Unsubsidized Loans:**
	Disbursement Number = 01
	Disbursement Sequence Number = 01
	Disbursement Release Indicator = true
31	Save the record.

Case #9—Pell, National SMART Grant, Subsidized Loan and Unsubsidized Loan	
Step	**Action/Input**
32	Retrieve Student #9 (###-##-0009).
33	Submit the Student Identifier (current student SSN, Date of Birth, Last Name) =
	Student's Current SSN = ###-##-0009
	Student's Date of Birth = 1983-09-09
	Student's Last Name = Test9
34	Update the Award Amount for the Unsubsidized Loan:
	From: 5000.00 To: 0.00
35	Submit **Disbursement Information** for an Adjustment to Disbursement Number 01:
	Disbursement Number = 01
	Disbursement Sequence Number = 02
	Disbursement Date = 2008-08-07
	Disbursement Amount: **From: 2500.00 To: 0.00**
	Disbursement Net Amount: **From: 2488.00 To: 0.00**
	Disbursement Fee Amount: **From: 50.00 To: 0.00**
	Interest Rebate Amount: **From: 38.00 To: 0.00**
36	Update the **Disbursement Information** for:
	Disbursement Number = 02
	Disbursement Sequence Number = 01
	Disbursement Date = 2008-08-15
	Disbursement Amount: **From: 2500.00 To: 0.00**
	Disbursement Fee Amount: **From: 50.00 To: 0.00**
	Interest Rebate Amount: **From: 38.00 To: 0.00**
	Disbursement Net Amount: **From: 2488.00 To: 0.00**
37	Save the record.

Prepare Document Block and Entity Block for Batch	
38	Transmit the following Document tags with this batch to COD:
	<CommonRecordxmlsn="http://www.ed.gov/FSA/COD/2006/v2.0e"> (Root element for the document)
	<DocumentId> (Date/Time stamp with Source Entity ID)
	<CreatedDateTime> (CCYY-MM-DDTHH:mm:ss.ff)
	<Source>
	<School EntityId="99999999">
	<ThirdPartyServicerEntityID = "00000001">
	<Destination>
	<COD EntityId="00000001">

	<FullResponseCode> = F (Full Response)
39	Transmit the following Entity tags with this batch to COD: <ReportingSchoolEntityId="99999999"> <ReportedFinancialSummary> <FinancialAwardType> <FinancialAwardYear> <TotalCount> <TotalReportedAward> <TotalReportedDisbursement> <AttendedSchoolEntityId="99999999">

Send Files to COD	
Step	**Action/Input**
40	Prepare the Common Record in XML.
41	Transmit the batch to COD via the SAIG using the message class CRTESTIN and your Test Destination Mailbox.
42	COD processes the batch and the Receipts and Response records are then placed on the SAIG to be retrieved.

Receive Receipts and Responses from COD	
Step	**Action/Input**
43	Import the Receipts into the school's system. The message class is CRTESTOP.
44	Contact the COD School Relations Center to verify the results and the successful completion of the second test cycle.

Wrap-Up

This section describes the final steps associated with the testing process and provides some suggestions for the school during the conversion to a production status.

Notification of Results

The COD School Relations Center notifies the contact person at the participating school of the results of each test cycle. If problems are discovered, a retest is scheduled. The contact person should be available during the testing period to analyze problems, assist with, and coordinate any follow-up tests that may be required. Schools should contact the COD School Relations Center if test results are not received or communicated when expected.

Preparing School Database for Production

The school should clean out their system (remove all test data) before sending production data.

Warning: Ensure that the system date is changed back to the current date and that message classes and destinations have been changed from 'test' to 'production.'

Warning: All test data **MUST** be removed from a school's system prior to beginning actual processing and before sending production (live) data to COD.

Warning: Test Message Classes and the Test Destination Mailbox CANNOT be used to process production data.

Note: Production data is processed using the production message classes outlined in *Volume II, Section 2* of the *2008-2009 COD Technical Reference.*