AMA - Record Format for Batch Issuance File from Processor

FILE Formats (INCOMING)FILE Formats (INCOMING)

Each batch issuance file received by AMA must be in the format specified below in order for data to be successfully processed.

Issuance FilesIssuance Files

Processors may send batch files that contain issuance data. Each file is required to have a File Header Record and a File Trailer Record. If the file contains only a File Header Record and File Trailer Record, then the file trailer's File-Record-Count must be 000002 and the file will be treated as an "empty" file.

If the file is not "empty" it must contain at least one project header record, at least one effective date detail record for each project header record, one to five unique detail transaction records for each effective date record, and a project trailer record for each project header. The records should be sequenced in the following manner:

> Project Header Records should appear in ascending order based on the combination of Agency-Location-Code, Region-Code, Recipient-Organization-ID, Program-Year-Code, and Letter-Of-Credit-Code.
>
> Detail Effective Date Records should appear in ascending order within each project based on Effective-Date.
>
> Detail Transaction Code Records should appear in ascending order within each effective date based on Transaction-Code.

The following depicts the format of this file:

- File is fixed block
- Record size is 80 characters

AMA - Record Format for Batch Issuance File from Processor

File Header Record

Field	Length/Type	Value/Description
Record Type	PIC X(02)	FH
Processor ID	PIC 9(08)	Number which uniquely identifies a processor; FRB Operations will provide this number to each processor before the processor begins transmitting issuance files
File Number	PIC 9(06)	~~Begins at 000001 and incremented by 1 for each new file~~ Must be unique for the Project (If a processor handles more than one state, the beginning file number may vary)
File Creation Date	PIC 9(08)	CCYYMMDD format
File Creation Time	PIC 9(06)	HHMMSS format
Filler	PIC X(50)	SPACES

Project Header Record (Duplicate Project Header Records are not allowed within a file.)

Field	Length/Type	Value/Description
Record Type	PIC X(02)	PH
Agency Location Code	PIC X(08)	12350001'
Region Code	PIC X(02)	09'
Recipient Organization ID	PIC 9(07)	Recipient Organization ID for the project
Program Year Code	PIC X(04)	0080'
Letter of Credit Code	PIC X(04)	Letter of Credit Code for the

AMA - Record Format for Batch Issuance File from Processor

		project
Index Code	PIC X(12)	✇9S6008 '
Filler	PIC X(41)	SPACES

Detail Record - Effective Date (Duplicate Effective Date Records are not allowed within a project.)

Field	**Length/Type**	**Value/Description**
Record Type	PIC X(02)	PD
Detail Type	PIC X(02)	ED
Effective Date	PIC 9(08)	CCYYMMDD format
Filler	PIC X(68)	SPACES

Detail Record - Transaction Code (Duplicate Transaction Code Records are not allowed within an effective date.)

Field	**Length/Type**	**Value/Description**
Record Type	PIC X(02)	PD
Detail Type	PIC X(02)	PB
Transaction Code	PIC X(02)	IO (issuance other)
		IS (issuance)
		RC (return coupon)
		RE (return expungement)
		RO (return other)
Transaction Amount	PIC 9(12)V(02)	
Filler	PIC X(60)	SPACES

Project Trailer Record

Field	Length/Type	Value/Description
Record Type	PIC X(02)	✇PT🖫
Agency Location Code	PIC X(08)	✇12350001'
Region Code	PIC X(02)	✇09'
Recipient Organization ID	PIC 9(07)	Must match the Project Header Record
Program Year Code	PIC X(04)	✇0080'
Letter of Credit Code	PIC X(04)	Must match the Project Header Record
Index Code	PIC X(12)	✇9S6008 '
Filler	PIC X(06)	SPACES
Project Total Amount	PIC 9(12)V(02)	Sum of all transaction amounts for current project (will be positive number since each transaction amount is positive)
Project Record Count	PIC 9(06)	Count of all records for current project including Project Header and Project Trailer records
Filler	PIC X(15)	SPACES

File Trailer Record

Field	Length/Type	Value/Description
Record Type	PIC X(02)	✇FT🖫
Processor ID	PIC 9(08)	Must match the File Header Record
File Number	PIC 9(06)	Must match the File Header Record
File Create Date	PIC 9(08)	Must match File Header Record
File Create Time	PIC 9(06)	Must match File Header Record
File Record Count	PIC 9(06)	Count of all records in file including File Header and File Trailer records

AMA - Record Format for Batch Issuance File from Processor

Filler	PIC X(44)	SPACES

SAMPLE FILE

```
********************************** Top of Data **********************************
FHXXXXXXXX00000010000229003710
PH1235000109NNNNNNN0080YYYY9S6008
PDED20000228
PDPBIS00000000255055
PDED20000229
PDPBIS00000003006507
PT1235000109NNNNNNN0080YYYY9S6008      00000003261562000006
FTXXXXXXXX00000010000229003710000008
********************************** Bottom of Data **********************************
```

XXXXXXXX - Processor ID
NNNNNNN - RO-ID
YYYY - Letter of Credit Code for the Project