

File Transfer Function

REJECTED DDI/EPI BATCH FILE LAYOUT

INTRODUCTION:

The Rejected DDI/EPI File Transfer function (Section 5.1) is available to the designated banks who have applied for the service to upload the Rejected DDI/EPI Batch File to CCASS. This function helps designated banks with high transaction volumes to avoid duplicating efforts in manually keying in rejected DDI/EPIs into CCASS. This section shows the rejected DDI/EPI batch file layout adopted by CCASS.

DESIGN STANDARD:

- a) All interchange files are of fixed length records. If the total number of bytes in a record is less than the record length, the record will be packed with spaces to make up the length. Every record must have a record delimiter of carriage return and line feed (ASCII hexadecimal value X'0D0A') at the end.

The characters that can be contained in the file are as follows.

- digits : 0 to 9
- letters : a to z, A to Z
- special symbols : SPACE / + - ? : () , ' .
- record delimiter of carriage return and line feed
- a 1-character End-of-File Marker at the end of file (normally ASCII hexadecimal value X'1A')

- b) All interchange files are sequential files. There are two categories of records: detail and control records.

Detail records contain user information. A record checksum is calculated for each detail record by summing the data contents of essential numeric fields. It is calculated by the sender and checked by the receiver. Control header contains information such as bank code , file name, etc., relevant to the file as a whole. Control trailer further protects the file using count of detail records and hash totals. Should there be any inconsistency in the record checksums, count of detail records or hash totals, the whole file will be discarded.

Different types of records are indicated by the first byte in the records.

- c) The maximum length of the record checksum in the detail record, the count of detail records and hash totals in the control trailer record are all confined to the data size value specified in the data size column of the record layout. Should overflow occur, the leading digit will be discarded.
- the PC file name of the rejected DDI/EPI batch file to be sent to CCASS has to be specified. For rejected DDI/EPI batch file, the PC file must be named as "RJDDEPI".
 - all rejected DDI/EPI batch files uploaded will be processed. The processing sequence of rejected DDI/EPI batch files is determined by the time recorded by the CCASS terminals used for uploading. This means that the file with the earliest time recorded by the CCASS terminals will be processed first.

Section 5.2

Rejected DDI/EPI Batch File Layout

REJECTED DDI/EPI BATCH FILE

This file contains the detailed information of rejected DDI/EPIs prepared by designated banks' internal system and will be uploaded to the CCASS host computer for rejected DDI/EPI batch file processing. Each record contains 46 bytes, followed by a 2-byte record delimiter.

Control Record:

<u>Data Item</u>	<u>Data size</u>	<u>Remarks</u>
Record Type	X(1)	"0" = control header
Transmission Date	X(8)	YYYYMMDD
File Name	X(19)	"DDI/EPI BATCH INPUT"
Bank Code	X(3)	
File Reference	X(15)	

Detail Record:

<u>Data Item</u>	<u>Data size</u>	<u>Remarks</u>
Record Type	X(1)	"1" = detail records
Branch Code	X(3)	
Bank Account Number	X(9)	
DDI/EPI Number	X(9)	"D99999999" = DDI "E99999999" = EPI
Filler	X(24)	Spaces

Control Record:

<u>Data Item</u>	<u>Data size</u>	<u>Remarks</u>
Record Type	X(1)	"9" = control trailer
Total Number of detail Records	9(7)	
Filler	X(38)	Spaces