

## Exhibit Debit Card-6: MDHS Debit Card Interface File Formats

The following table represents the files/data exchanged between the State and the current Debit Card Contractor:

File/Data	Frequency	MS to Contractor	Contractor to MS
Account Maintenance File	Daily	X	
Account Maintenance Reject File	Daily		X
Account Maintenance Summary File	Daily		X
Deposit File	Daily	X	
Deposit Reject File	Daily, per unique Deposit File		X
Deposit Summary File	Daily, per unique Deposit File		X
Account Status File	Daily		X
Account Change File	Daily		X
Deposit Confirmation File	Daily, per unique Deposit File		X
Undelivered Card File	Daily		X
Cardholder Reconciliation File	Monthly		X

### File Layout Descriptions

#### Data Element Attributes

The attributes represent the data type and length of the data element in the file layouts. Both the data type and length information are abbreviated in the message structure charts. The following is the legend for the abbreviations used in the Type/Length columns of the message structure chart:

Item	Position	Description	Length	Type	Comment
1.	001-002	Field Content/Name	2	S	Customize information for specific field

Note: Type Attributes are defined as:

- S is String – Alphabetic and numeric characters, and/or spaces
- I is Integer – Numeric digits only
- C is Character

#### Fixed Length Data Elements

All fixed length numeric data elements are assumed to be right justified with leading zeros. All other fixed length data elements are left justified with trailing spaces.

#### Status Information

The data element status provides additional information regarding the completion of the data element. The message structure chart contains an abbreviation of the status for each data element.

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The following table depicts the different data element status codes and a description of each.

Status	Description
M (Mandatory)	The data element is mandatory.
C (Conditional)	The data element is required when specific conditions are satisfied.
O (Optional)	The data element is optional and may be provided at the option of the originator of the record. If the data element is present in the record, it will be processed.
I (Ignored)	The data element is ignored.

### Incoming Files— To Debit Card Contractor

This section describes the data elements and file layout used to exchange account setup and account maintenance data transmitted through an automated interface to the Debit Card Contractor transaction processing environment. Interfaces between the Mississippi agencies and the Debit Card Contractor transaction processing environment system support a secure connection using SFTP from the State to the Contractor environment.

Each agency (MDHS and MDES) sends their own Account Maintenance add and update records when their respective systems are updated. The data on the State systems are not integrated. If a recipient receives deposits from each agency, they will be set up and maintained independently on each State system, thus generating independent Account Maintenance File records to the Debit Card Contractor System. On the Debit Card Contractor System, the different agency records create different Debit Card accounts, resulting in a recipient receiving both Child Support and Unemployment Insurance having two (2) debit cards, one for each program. However, recipients with a combination of any MDHS program (i.e., TANF; TANF Supportive Services; Adoption Subsidy; Foster Care; SNAP Employment & Training (SNAPE&T); etc.) will receive only one debit card. The State desires different debit card images for MDHS and MDES cardholders for ease of identification.

Each agency (MDHS and MDES) also sends the Debit Card Contractor a Deposit File in order to load funds onto the Debit Card account. Deposit files may contain deposit effective dates for deposits available the same day and for deposits available on a future date. A deposit with the current date as the effective date will be posted to the account upon completion of the file processing given all the necessary data is present. Deposits dated for future availability will be applied to the accounts but will be unavailable until the specific future availability date has been reached.

### Account Setup and Maintenance File

This documentation describes the data elements and file layout used to create daily batch files. Data records contained in this file will be used to setup and establish new accounts in the Debit Card Contractor's online transaction-processing environment and to perform maintenance action on established accounts. Account maintenance includes the changing of personal demographic information.

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### Account Maintenance File Layout

The following is a description of the Account Maintenance File format for adding and updating case and recipient information on the Debit Card Contractor databases. The file layout consists of a header record, followed by multiple detail records, followed by a trailer record. All alpha-numeric fields will be left-justified and right space-filled.

#### Account Maintenance File Header Record

#	Position	Description	Length	Type	Comments	M/C/O/I
1	001-002	Record Type	2	S	"HA"	M
2	003-006	Filler	4	S	Spaces	M
3	007-012	Batch ID	6	S	"MSDHSA"- Daily Account Maintenance	M
4	013-020	File Create Date	8	I	CCYYMMDD	M
5	021-026	File Create Time	6	I	HHMMSS	M
6	027-299	Filler	273	S	Spaces	I

*Record Length – 299*

**Note: All batch transmissions are one logical file per physical file.**

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### Account Maintenance File Detail Record

#	Position	Description	Length	Type	Values	M/C/O/I fields for Action Codes:	
						01	02
1	001-002	Record Type	2	S	“DT”	DT	DT
2	003-004	Action Code	2	S	“01” - Account Set-up “02” - Account Update	01	02
3	005-016	Person ID	12	S	Person ID (Master Client Number for MDHS) is a length of 12. Left-justified, right space filled.	M	M
4	017-018	Access Type	2	S	“01” – Primary	M	M
5	019-020	Cardholder Access	2	S	“02” – Cash	M	M
6	021-029	SSN	9	S	Social Security Number.	M	M
7	030-044	First Name	15	S	First Name of the Recipient. Uppercase Only. Special chars allowed except Percent (%) and double quote (“”).	M	M
8	045-045	Middle Initial	1	S	Middle Initial of the Recipient. Uppercase Only.	O	O
9	046-065	Last Name	20	S	Last Name of the Recipient. Uppercase Only – Special chars allowed except Percent (%) and double quote (“”).	M	M
10	066-095	Street Address 1	30	S	Street address. Uppercase only. Special chars allowed except Percent (%) and double quote (“”). If Address 1 and 2 are blank, the record will reject.	C	C
11	096-125	Street Address 2	30	S	Street address. Uppercase only. Special chars allowed except Percent (%) and double quote (“”). If Address 1 and 2 are blank, the record will reject.	C	C
12	126-145	Filler	20	S		I	I
13	146-164	City	19	S	Upper Case. Special chars allowed except Percent (%) and double quote (“”).	M	M
14	165-166	State	2	S	Upper Case. Mandatory if Country Code is USA.	C	C
15	167-167	Filler	1	S		I	I
16	168-176	Zip	9	S	Use 0000 if last 4 digits are unavailable. Mandatory if Country Code is USA	C	C
17	177-182	County Code	6	S	Value not validated by Debit Card System	M	M
18	183-190	Date of Birth	8	S	Format CCYYMMDD	M	M

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#	Position	Description	Length	Type	Values	M/C/O/I fields for Action Codes:	
						01	02
19	191-202	Filler	12	S	Spaces	O	O
20	203-203	Card Issuance Indicator	1	S	“0” – Do Not Issue Card “1” – Issue Card Default to “0” on an Update Action Code	M	I
21	204-206	Language Code	3	S	Default to “ENU”	M	M
22	207-216	CP Telephone Number	10	S	This field should not include extraneous characters such as ( ) or – Includes area code	O	O
23	217-217	Family Violence Indicator (FVI)	1	S	Family Violence Indicator. Valid Values:  Y, N  If set to 'Y' signifies an FVI, the cardholder address will not display on Administrative Terminal.	M	M
24	218-220	Country Code	3	S	This field will contain the Country Code for international addresses.  See Appendix A for valid values.	M	M
25	221-222	Agency ID	2	I	Agency ID for Account. Valid Values:  “12” – MDHS-Division of Child Support Enforcement  “15” – MDHS-Division of Field Operations  (Agency ID is equal to Cash Program Type)	M	M
26	225-299	Filler	77	S		I	I

*Record Length – 299*

**Account Maintenance File Trailer Record**

#	Position	Description	Length	Type	Comments	M/C/O/I
1	001-002	Record Type	2	S	“TA”	M
2	003-008	Batch ID	6	S	Must match header	M
3	009-017	Total Detail Records	9	I	Total number of detail records	M
4	018-026	Number of Account Set-up Records	9	I	Count of Account Set-up records	M

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#	Position	Description	Length	Type	Comments	M/C/O/I
5	027-035	Number of Account Updates	9	I	Count of Account Update records	M
6	036-299	Filler	264	S	Spaces	I

*Record Length – 299*

### Account Maintenance File Processing Rules

Each new account being established on the Debit Card Contractor’s database will require an Account Setup to be sent through the batch interface between each agency and the Debit Card Contractor. The following rules are invoked:

- Account Maintenance files are processed at the batch level and return files generated at the end of each batch processed.
- Debit Card Contractor will perform a pre-processing view of the file to determine fatal file errors. Files are rejected in their entirety when criteria steps fail. Once the pre-processing pass/fail criteria are validated, individual records are processed. Within this processing phase, individual records are rejected when the defined edit criteria is not met.
- Each Account on the Debit Card Contractor System will have only one cardholder with a unique Personal Account Number (PAN) and Personal Identification Number (PIN).
- Account Record must be established prior to receipt of any deposit records.
- The Card Issuance Indicator should be set to ‘0’ on ‘02’ Action Codes. A card is reissued automatically by the Debit Card Contractor when the Action Code is ‘02’ and the existing card on the Debit Card account has a status of “Returned” when the address update record is processed.
- Account Record changes (‘02’ Action Code) should include all fields, not just the data elements that have changed. The Debit Card Contractor will overlay the data on the database.
- Each Account Maintenance File transmitted to the Debit Card Contractor System is processed and the following file is generated:
  - **Batch Processing Summary Report:** communicates receipt of each valid file received from the State system, providing a summary of the file records processed, identification of records not processed, and the reason code for the rejection. This Batch Summary Report will reside on the Debit Card Contractor Report Server and available to Administrative Terminal users immediately after the completion of the batch process/update. As there will be an Account Maintenance File from each agency, there will be a Batch Summary Report for each agency.
  - The SSN and Date-of-Birth fields are identified as mandatory in the Account Maintenance File.
  - The Address fields 1 and 2 are set to optional. However, if both address fields are blank the record will reject. When the State sends the Debit Card Contractor address 1 and address 2, if address 1 is blank, the Debit Card Contractor will move address 2 into address 1 on the database. If address 1 and address 2 are both populated, the

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Debit Card Contractor will move them into the database as sent. If address 1 and address 2 are blank, the Debit Card Contractor will reject the record.

- The Country Code field is conditional based on the mailing address of the cardholder. The field should be populated to a valid ISO Standard Country Code as identified in Appendix A when an international address is sent for processing.
- Military addresses must be formatted as domestic mailings using postal standards for military type mailings, state (military geography), and zip code.

### **Account Maintenance File Functional Processes**

The Account Maintenance File will support the following functions:

- Create Debit Card Accounts and Issue the new debit card
- Debit Card Account Maintenance and demographic updates
- The details of each function are described in the following sub-sections.

#### **Create Account**

When processing an Account Setup record, the database will be checked to ensure that the Person ID (Master Client Number for MDHS) across both agencies does not exist on the database. If the Person ID exists on the database, then the database is checked to ensure that the program (Agency ID) identified in the record does not exist for that Person ID. If the Person ID and subsequent program does not exist on the database, then the record will be processed and added to the database.

The following identify the actions of the Debit Card Contractor System when certain conditions are encountered:

- If the Master Client Number/Agency ID combination does not exist on the Debit Card Contractor System, then the record is processed and added to the database as a new account.
- If the Master Client Number/Agency ID combination does exist on the Debit Card Contractor System, the Account Setup record is not processed and an error is written to the Batch Processing Summary Report.
- When adding the additional program to the existing account, the Debit Card Contractor System does the following:
  - Add the second program to the existing account.
  - Debit Card Contractor System will not modify demographic data with the add record of the second program, regardless of whether or not the data is different.
  - Ignore the Card Issuance Flag for the second program being added to the account. The card issuance flag will not be treated as an initial issue or a reissue when adding an additional program to an existing account regardless of how the flag is set.

The Account Maintenance File will also be used by the State to instruct the Debit Card Contractor System to generate a card request on the initial program add. The Create Account record should have the Card Issuance Indicator set to "1". This will instruct the Debit Card Contractor System to generate a card. The cards will be mailed in a "Mail PAN" status. When the recipient receives

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their card and selects their PIN via the PIN Select Interactive Voice Response Unit (IVR) functionality, the card will be activated.

### **Update Account**

Updates to recipient's demographic information are triggered by Account Maintenance File records containing an Action Code of "02". When sending an update to the account's demographic information, the State will send all the demographic information in the record. The Debit Card Contractor System will overlay the information on the database for the account with the information in the record.

Similar to the process for add records, the State may send an update record from each Program (CSE and DEA) when a modification is made to a particular system. Each update record is treated independently. As indicated, the update is an overlay, processed as they are received; the record that is applied last is the resulting data on the Debit Card Contractor System.

If an update to an Account is sent in the same file as the Account Setup record, the Account Setup record must precede the update record in the Account Maintenance File.

The updateable data in the Account Maintenance File detail record includes Field Numbers 6 through 18, 20, 21, 22, 23 and 24. An Account Maintenance File record containing an Action Code of "02" which has a current card status of "returned" will automatically trigger a new card issuance. A card will be issued on all "02" records with a card status of "returned". A card replacement fee is waived for these issuances.

### **Recipient Re-enrollment**

Accounts do not close on the Debit Card System when an account is closed on the MDHS system. This is mainly because the recipient may have deposits on the Debit Card System that are still being accessed. If a recipient was receiving deposits, left the program and then came back to the program, it will only be necessary to redirect deposits to the previously established Debit Card account. However, if the recipient does not have the original card issued, the recipient must call the Cardholder Help Desk and request a replacement card.

### **Military Addresses and Formatting Rules**

In January 2004, the United States Postal Service (USPS) issued revised standards for presenting military mailing addresses. For debit card issuance, military addresses must be formatted in accordance with the standards and marked as domestic mail, country code "USA" and mail type code "D" for domestic.

Three fields are edited in the account maintenance record to ensure that military addresses conform to the new postal standards. These fields include the City - field item #13, State - field item #14, and zip code - field item #16. All three of these fields must be populated in accordance with the following postal guidelines.

**City Field:** The Military Postal Service Agency (MPSA) geographical mail locations types are identified in the following table and must be located in the City field - item #13, for military



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mailings referencing the appropriate code.

<b>Geographical Military Mail Locations</b>	<b>Military Reference Code</b>
Army and Air Force Exchange Service	AAFES
Army/Air Force Post Office Box	APO
Retired Military Personnel	R
Fleet Post Office	FPO
Domestic Mail Manual	DMM
Military Ordinary Mail	MOM
Military Post Office	MPO
Parcel Airlift	PAL
Postal Service Center	PSC
Space Available Mail	SAM
United States Department of Agriculture	USDA

**State Field:** The Military Postal Service Agency (MPSA) realigned the APO/FPO numbers according to geographical location, AE, AP, and AA. One of these three codes must be located in the State field - item #14 for military mailing using the code schema as follows:

<b>APO/FPO USA Locations</b>
<p>Europe:</p> <ul style="list-style-type: none"> <li>• AE = 090-092 Germany</li> <li>• AE = 093 Contingency</li> <li>• AE = 094 United Kingdom</li> <li>• AE = 095 Ships</li> <li>• AE = 096 Italy, Spain</li> <li>• AE = 097 Other Europe</li> <li>• AE = 098 Middle East/Africa</li> </ul>
<p>Pacific:</p> <ul style="list-style-type: none"> <li>• AP = 962 Korea</li> <li>• AP = 963 Japan</li> </ul>

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<b>APO/FPO USA Locations</b>
<ul style="list-style-type: none"> <li>• AP = 964 Philippines</li> <li>• AP = 965 Other Pacific</li> </ul>
Central/South America: <ul style="list-style-type: none"> <li>• AA = 340 All Countries</li> </ul>

**Zip Code Field:** The Zip Code is populated with the assigned zip code of the agency.

**Cardholder Name Format**

The allowable length for the embossed name on the debit card is 26. When creating the Card Mailer File for card production, the Debit Card System must populate the name field with the most appropriate naming convention that fits into the 26 allowable characters. The Cardholder Name in the Card Mailer File will be embossed on the Debit Card.

The Debit Card System will build the name as follows to fit the 26 character maximum:

<b>First Attempt</b>	<b>Full First Name Middle Initial Full Last Name</b>
<b>Second Attempt</b>	<b>First Initial Middle Initial Full Last Name</b>
<b>Third Attempt</b>	<b>First Initial Full Last Name</b>
<b>Fourth Attempt</b>	<b>First Initial Truncated Last Name</b>

**Deposit File Format**

The following describes the data elements and file layout used to create daily deposit files from MDHS for posting of funds to established debit card account records on Debit Card System. Cardholder access to these deposits is immediate upon completion of the Debit Card Contractor’s batch processing cycle provided the effective date of the deposit is reached.

**Deposit File Layout**

The following is a description of the Deposit File format for adding deposits to debit card accounts on the Debit Card Contractor’s System. The file layout consists of a header record, followed by multiple detail records, followed by a trailer record. All alpha-numeric fields will be left-justified and right space-filled.

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**Deposit File Header Record**

#	Position	Description	Length	Type	Comments	M/C/O/I
1	001-002	Record Type	2	S	“HB”	M
2	003-006	Filler	4	S	Spaces	M
3	007-012	Batch ID	6	S	“MSDHSU”- Daily MDHS Deposits File	M
4	013-020	File Create Date	8	I	CCYYMMDD	M
5	021-026	File Create Time	6	I	HHMMSS	M
6	027-106	Filler	80	S	Spaces	I

*Record Length – 106*

**Note: All batch transmissions are one logical file per physical file.**

**Deposit File Detail Record**

#	Position	Description	Length	Type	Comments	M/C/O/I fields for Action Codes:
						01/02
1	001-002	Record Type	2	S	“DT”	DT
2	003-004	Action Code	2	S	“01” – Deposit Add (credit) “02” – Deposit Cancel (debit)	M
3	005-016	Person ID	12	S	Person ID (Master Client Number) is a length of 12. Left-justified, right space filled.	M
4	017-020	Deposit Type	4	S	Deposit Type. Valid Values:  “CS” – Child Support Payments “TC” – TANF Regular Cash “TR” – TANF Regular Transportation - Working “TT” – TANF Transitional Transportation “WP” – TANF Work Program “WB” – TANF Work Program - Job Retention Bonus “ET” – SNAP Employment & Training Cash Assistance “J1” - TANF Regular Transportation – Not Working “J2” - TANF Regular Transportation – Not Working Convicted Drug Felon “J3” - TANF Work Program – Not Working Convicted Drug Felon “J4 – J9” – JAWS TANF	M

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#	Position	Description	Length	Type	Comments	M/C/O/I fields for Action Codes:
						01/02
					Deposit Types (future use) “M1 – M9” – MAVERICS TANF Deposit Types (future use) “D1 – D9” – Disaster Cash Deposit Types (future use)	
5	021-027	Deposit Amount	7	I	\$\$\$\$\$CC Amount of Deposit	M
6	028-036	Deposit Document ID Number	9	S	The Deposit Document ID Number must be unique for each deposit.	M
7	037-044	Deposit Available Date	8	I	CCYYMMDD	M
8	045-050	Deposit Month	6	I	CCYYMM - Month of Deposit Payment	M
9	051-056	Deposit Available Time	6	I	HHMMSS	M
10	057-106	Filler	50	S	Spaces	I

*Record Length – 106*

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### Deposit File Trailer Record

#	Position	Description	Length	Type	Comments	M/C/O/I
1	001-002	Record Type	02	S	“TB”	M
2	003-008	Batch ID	06	S	Must match header.	M
3	009-017	Total Detail Records	09	I	Total Number of Detail records.	M
4	018-026	Number of Deposit Adds	09	I	Count of Add records in the batch.	M
5	027-035	Number of Deposit Cancels	09	I	Count of Cancel records in the batch.	M
6	036-045	Amount of Adds	10	I	\$\$\$\$\$\$CC Total Dollar Value of Add Records in the batch.	M
7	046-055	Amount of Cancels	10	I	\$\$\$\$\$\$CC Total Dollar Value of Cancel Records in the batch.	M
8	056-106	Filler	51	S		I

*Record Length – 106*

### Deposit File Processing Rules

The following business/processing rules apply to the Deposit File:

- Account Deposit files are processed at the batch level and return files generated at the end of each batch processed.
- Debit Card Contractor File Processing will perform a pre-processing view of the file to determine fatal file errors. Files are rejected in their entirety when criteria described in the pre-processing steps fail.
- Once the pre-processing pass/fail criteria are validated, individual records are processed. Within this processing phase, individual records are rejected when the defined edit criteria is not met.
- The Account must be established on the Debit Card Contractor System prior to receipt of any deposit records.
- Each Deposit File transmitted to the Debit Card Contractor System is processed and the following file is generated:
  - **Batch Processing Summary Report** communicates receipt of each valid file received, providing a summary of the file records processed, identification of records not processed, and the reason code for the rejection. This Batch Processing Summary Report will be sent to the Debit Card Contractor Report Server and be available to system users immediately after the completion of the batch process/update.

### Return Files to the State

To communicate information to the State, the Debit Card Contractor System will generate the following:

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- **Batch Processing Summary Report** – The report is generated for each incoming file processed. The report provides a summary of the file processed; identifies any records not processed and the reason code for the rejection. This report will be placed on the reports server for viewing via the Administrative Terminal and will be sent to MDHS via its current file transfer methodology.
- **Reject File** – This file will contain an error record for each error encountered during processing of the Account Maintenance File and Deposit File.
- **Account Status File** – This file identifies newly added accounts and initial PIN Select activity. This file will be sent back to MDHS.
- **Account Change File (ACF)** – This file identifies changes to a recipient’s demographic data record on an account that were initiated via the Debit Card Contractor System’s Administrative Terminal.
- **Undeliverable Card File (UCF)** – This file identifies to MDHS any cards stashed as “Returned”, identifying an undeliverable card.
- **Deposit Confirmation File (DCF)** – This file contains the details of deposits posted to Debit Card Contractor’s System.
- **Cardholder Reconciliation File (CRF)** – This file contains a snapshot of all cardholder information and is created after the last account maintenance file is processed for a calendar month; file is provided to the MDHS by Noon Central Time on the 1<sup>st</sup> day of each calendar month.
- MDHS will be reviewing, updating, and resubmitting rejected records to the Debit Card Contractor System for processing. The resubmitted records may be sent to the Debit Card Contractor System in the next day file, or sent in a separate Account Maintenance or Deposit File. The Debit Card Contractor System must process resubmitted records as new data.
- For outbound data files (ACF, UCF, etc.), the files are created and made available to the MDHS on a daily basis (Mon-Sun). If there are no records to be sent, the Debit Card Contractor will send an empty file. An empty file is defined as a file with a header and trailer record and no detail records.

### Batch Processing Summary Report

The Batch Processing Summary Report is stored on the Debit Card System’ Report Server, available for viewing through the Administrative Terminal. The report is generated for each file processed – Account Maintenance Files and Deposit Files. The report provides a summary of the file processed; identifies any records not processed and the reason code for the rejection. The report is available immediately following the completion of the input file processing.

To conduct a data integrity review before posting external files, the Debit Card Contractor’s System performs pre-processing validation and may reject the entire batch file. During this process, the structure and syntax of the file and detail records are validated before business rules are applied or editing against the database is performed. This process validates header and trailer fields, including totals.

Any error discovered during pre-processing will result in the entire file being rejected and pre-processing to be discontinued. When a file rejects during pre-processing, no updates are made to the database. If there is a pre-processing error identified in the Batch Processing Summary Report,

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MDHS will know that the file rejected and no records were updated on the database.

### Batch Processing Summary Report – Account Maintenance

For each incoming Account Maintenance File, the Debit Card Contractor System will generate a Batch Summary Processing Report identifying the number of records processed and the rejects.

The batch processing errors are identified below.

#### All External Files – IO and syntax errors:

Errors encountered, 9000 grouping, result in rejection of the total file. In order not to have an overabundance of error codes, - 9051 to – 9055 encompass the parsing errors generated. The record and field that caused the error will be reported along with the error code.

Error Code	Description
-9001 File Not Found	Infrequent occurrence if batch processing was interrupted, then resumed, but file was mistakenly deleted by operator manually
-9011 Filename too long	Current upper limit is 255 characters for filename
-9012 File Type invalid	Filename determines type of file (account or deposit); filename does not indicate a valid file type
-9013 Duplicate Filename	Filename is duplicate of a file that has already been processed
-9051 Invalid Input	IO error or any errors that not covered by the below errors
-9052 Too Short	The file is too short/incomplete based on the Header Record information
-9053 Min Violated	For fields with a minimum, the value is below minimum
-9054 Max Violated	For fields with a maximum, the value is above maximum

#### Account Maintenance Main Errors

NOTE: Edit Checks – blank for String type means spaces; blank for Integer type means 0's.

Error Code	Description
-6050 No last name	Last name is blank
-6051 No first name	First name is blank
-6052 Invalid SSN	SSN is blank or non-numeric
-6053 Invalid DOB	DOB is blank or not possible date
-6055 No address	Address Fields are blank
-6056 No City	City is blank

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<b>Error Code</b>	<b>Description</b>
-6057 Invalid State	State is blank or not valid
-6058 Invalid Zip	Zip is blank or not numeric
-6214 Invalid Program Number	Program Number does not conform to format

**Account Maintenance Business Logic Checks**

<b>Error Code</b>	<b>Description</b>
-6066 No Such Person	Cardholder does not exist
-6070 Internal Error	Cardholder could not be added
-6071 Internal Error	Cardholder could not be updated
-6205 Internal Error	Account could not be opened
-6209 No Such Account	Program Number does not exist on “02” Action Code
-6224 Duplicate Program Number	Account with that Program Number already exists in the system

**Batch Processing Summary Report – Deposit File**

For each incoming Deposit Files, the Debit Card Contractor System will generate a Batch Summary Processing Report identifying the count and amount of the records processed and the count and amount of the records rejected. Because the State will utilize multiple funding sources, the report will also provide the total dollar amounts of records processed by deposit type.

When the Debit Card Contractor System creates a Deposit Batch Processing Summary Report, an email will be sent to State designated individuals. This will inform the State that the Deposit File has been processed and the State must send the wire. The State wires the “Total Deposit Amount Processed”.

The following table identifies the errors for the Deposit File.

**Main Errors**

NOTE: Edit Checks – blank for String type means spaces; blank for Integer type means 0’s.

<b>Error Code</b>	<b>Description</b>
-6253 Invalid Effective Date	Effective Date is blank or an improbable date
-6254 Invalid Deposit Date	Deposit Date is blank or an improbable date
-6264 Invalid Deposit Auth Number	Authorization number does not conform to format



## Exhibit Debit Card-6: MDHS Debit Card Interface File Formats

### Business Logic Checks

Error Code	Description
-6261 Invalid Program	Program does not match account type
-6263 Invalid Subprogram	Subprogram is not available under given program
-6269 Invalid Account Status	Account is in a status that does not allow for deposit issuance/cancel
-6271 Duplicate Deposit Auth	Authorization number used by existent deposit (for issuance)
-6272 No Such Account	Account does not exist

### Reject Files

Separate return files will be generated as a result of processing Account Maintenance Files and Deposit Files.

The Batch Processing Summary records will provide statistics on each batch received. The records will summarize the total number of detail records, the count and amount of add transactions (for Deposit File), and the number of adds and updates (for Account File), and the number of errors detected. In addition to the file summary information, the Debit Card Contractor System will identify in the error records, each detail record that error out of the batch process. The file will contain a copy of the entire record in error that the State sent and the reason for the reject.

The Deposit and Account Maintenance Reject File has an independent set of error codes which differ from error codes that are generated in the Batch Processing Summary Reports. The Reject File reject codes listed in Appendix D have been created to be utilized and identified in data processing of the Reject File. Error codes which are present in the Batch Processing Summary Reports have been created to be identified and read by personnel reviewing the reports.

### Reject File Layout (Account File)

The following is a description of the Batch Processing Return File format for identifying back to the State the results of processing the Account Maintenance File. The file layout will consist of a header record, followed by multiple detail records, followed by a trailer record. All alpha-numeric fields will be left-justified and right space-filled.

**Exhibit Debit Card-6: MDHS Debit Card Interface File Formats**

**Account Maintenance Reject File Header Record**

#	Position	Description	Length	Type	Comments	M/C/O/I
1	001-002	Record Type	2	X	“RA”	M
2	003-006	Client Number	4	X	“4333” – Client Number for Mississippi	M
3	007-012	Batch ID	6	X	“MSRETA”	M
4	013-020	Date	8	9	CCYYMMDD	M
5	021-026	Time	6	9	HHMMSS	M
6	027-032	Batch Sequence Number	6	9	Increment with each file sent.	M
7	033-307	Filler	275	X	Spaces	I

*Record Length = 307*

**Account Maintenance Reject File Error Record**

#	Position	Description	Length	Type	Comments	M/C/O/I
1	001-002	Record Type	2	X	“ER”	M
2	003-301	Error Record	299		Entire Account Maintenance File Detail Record that errored out.	M
3	302-307	Error Reason	6	X	Reason record was rejected	M

*Record Length = 307*

**Account Maintenance Reject File Summary Record**

#	Position	Description	Length	Type	Comments	M/C/O/I
1	001-002	Record Type	2	X	“SA”	M
2	003-006	Client Number	4	X	From Header of State File -	M
3	007-012	Batch ID	6	X	From Header of State File -	M
4	013-020	File Create Date	8	9	From Header of State File –	M
5	021-026	File Create Time	6	9	From Header of State File –	M
6	027-032	Batch Sequence Number	6	9	From Header of State File	M
7	033-041	Records Received	9	9	Count of records received in the file	M

**Exhibit Debit Card-6: MDHS Debit Card Interface File Formats**

8	042-050	Number of Add Records Processed	9	9	Count of add records processed in the file	M
9	051-059	Number of Update Records Processed	9	9	Count of update records processed in the file	M
10	060-068	Number of Errors	9	9	Count of records in the file that errored out.	M
11	069-307	Filler	239	X	Spaces	I

*Record Length = 307*

**Account Maintenance Reject File Trailer Record**

#	Position	Description	Length	Type	Comments	M/C/O/I
1	001-002	Record Type	2	X	“RT”	M
2	003-008	Batch ID	6	X	Must match header	M
3	009-014	Total Detail Records	6	9	Count of detail records in return file (summary record plus error records)	M
4	015-307	Filler	293	X	Spaces	I

*Record Length = 307*

**Reject File Layout (Deposit File)**

The following is a description of the Batch Processing Return File format for identifying back to the State the results of processing the Deposit File. The file layout will consist of a header record, followed by multiple detail records, followed by a trailer record. All alpha-numeric fields will be left-justified and right space-filled.

**Deposit Reject File Header Record**

#	Position	Description	Length	Type	Comments	M/C/O/I
1	001-002	Record Type	2	X	“RA”	M
2	003-006	Client Number	4	X	“4333” – Default	M
3	007-012	Batch ID	6	X	“MSRETD ”	M
4	013-020	Date	8	9	CCYYMMDD	M
5	021-026	Time	6	9	HHMMSS	M
6	027-032	Batch Sequence Number	6	9	Increment with each file sent.	M
7	033-114	Filler	82	X	Spaces	I

*Record Length = 114*

**Exhibit Debit Card-6: MDHS Debit Card Interface File Formats**

**Deposit Reject File Error Record**

#	Position	Description	Length	Type	Comments	M/C/O/I
1	001-002	Record Type	2	X	“ER”	M
2	003-108	Error Record	106		Entire Deposit File Detail Record that errored out. .	M
3	109-114	Error Reason	6	X	Reason record was rejected	M

*Record Length = 114*

**Deposit Reject File Summary Record**

#	Position	Description	Length	Type	Comments	M/C/O/I
1	001-002	Record Type	2	X	“SA”	M
2	003-006	Client Number	4	X	From Header of State File -	M
3	007-012	Batch ID	6	X	From Header of State File -	M
4	013-020	File Create Date	8	9	From Header of State File –	M
5	021-026	File Create Time	6	9	From Header of State File –	M
6	027-032	Batch Sequence Number	6	9	From Header of State File	M
7	033-041	Records Received	9	9	Count of records received in the file	M
8	042-050	Number of Add Records Processed	9	9	Count of add records processed in the file	M
9	051-059	Number of Cancel Records Processed	9	9	Count of cancel records processed in the file	M
10	060-069	Amount of Adds Processed	10	9(8)v99	Total Dollar Value of Add Records processed.	M
11	070-079	Amount of Cancels Processed	10	9(8)v99	Total Dollar Value of Cancel Records processed	M
12	080-088	Number of Errors	9	9	Number of records in the file that errored out.	M
13	089-114	Filler	26	X	Spaces	I

*Record Length = 114*

## Exhibit Debit Card-6: MDHS Debit Card Interface File Formats

### Deposit Reject File Trailer Record

#	Position	Description	Length	Type	Comments	M/C/O/I
1	001-002	Record Type	2	X	“RT”	M
2	003-008	Batch ID	6	X	Must match header	M
3	009-014	Total Detail Records	6	9	Count of detail records in the return file (summary record plus error records)	M
4	015-114	Filler	100	X	Spaces	I

*Record Length = 114*

### Account Status File

The Debit Card Contractor will create a daily Account Status File. The file would include the following account activity information:

- A detail record, code “01” is returned to MDHS when a new Account record is successfully setup on the Debit Card System. When MDHS receives the “01” record from the Debit Card Contractor, this will identify to MDHS that the account is ready to receive deposits.
- A detail record, code “02” is returned to MDHS when a cardholder has successfully selected a PIN on the Debit Card System.

### Account Status File Header Record

Item	Position	Description	Length	Type	Comment
1.	001-002	File Type Indicator	02	S	Valid Value: SU
2.	003-003	Record Type Indicator	01	S	“A” – Indicates header record
3.	004-017	Created Timestamp	14	I	Date/Time value when the file was Created CCYYMMDDHHMMSS
4.	018-026	Record Count	09	I	Record count of the total number of detail records in the file. Min: 000000001 Max: 999999999
5.	027-080	Filler	54	S	Filler for the header record. Alphanumeric or spaces.

## Exhibit Debit Card-6: MDHS Debit Card Interface File Formats

### Account Status File Detail Record

Item	Position	Description	Length	Type	Comment
1.	001-001	Record ID	01	S	“D” – Indicates detail record
2.	002-003	Record Type	02	I	“SU”
3.	004-015	Person ID	12	S	Person ID (Master Client Number) is a length of 12. Left-justified, right space filled.
4.	016-017	Transaction Type	02	I	Identifies the operation type. 01 – New account has been set-up on Debit Card System 02 – PIN has been selected by the cardholder.
5.	018-080	Filler	63	S	Spaces

### Account Status File Trailer Record

Item	Position	Description	Length	Type	Comment
1.	001-002	File Type Indicator	02	S	Valid Value: 02
2.	003-003	Record Type Indicator	01	S	“T” – Indicates Trailer record
3.	004-017	Created Timestamp	14	I	Date/Time value when the file was Created CCYYMMDDHHMMSS
4.	018-026	Record Count	09	I	Record count of the total number of detail records in the file. Min: 000000001 Max: 999999999 Should match value of Header Record
5.	027-080	Filler	54	S	Filler for the Trailer Record. Alphanumeric or spaces.

### Account Change File

The Debit Card Contractor System creates a daily file to report any demographic updates made to accounts on the Debit Card System through the Administrative Terminal. Data records contained in this file are transmitted to MDHS as a result of reported changes in addresses or telephone numbers by recipients. Changes are typically captured from calls received by the Cardholder Help Desk for card replacement requests. This file is used only for one-way reporting of Account Changes, Debit Card Contractor to MDHS. Account Changes will not be included in the file that was a result of an Account Maintenance Record from MDHS updating an account’s demographics on Debit Card System.

## Exhibit Debit Card-6: MDHS Debit Card Interface File Formats

### Account Change File Header Record

Item	Position	Description	Length	Type	Comment
1.	001-002	File Type Indicator	02	S	Valid Value: 02
2.	003-003	Record Type Indicator	01	S	“A” – Indicates header record
3.	004-017	Created Timestamp	14	I	Date/Time value when the file was Created CCYYMMDDHHMMSS
4.	018-026	Record Count	09	I	Record count of the total number of detail records in the file. Min: 000000001 Max: 999999999
5.	027-227	Filler	201	S	Filler for the header record. Alphanumeric or spaces.

*Record Length 227*

**Exhibit Debit Card-6: MDHS Debit Card Interface File Formats**

**Account Change Detail Record**

Item	Position	Description	Attribute	Type	Comment
1.	001-001	Record ID	01	S	“D” – Indicates detail record
2.	002-003	Agency ID	02	I	“12” = MDHS Division of Child Support Enforcement “15” = MDHS Division of Field Operations
3.	004-015	Person ID	12	S	Person ID (Master Client Number) is a length of 12. Left-justified, right space filled.
4.	016-024	SSN	09	S	Social Security Number. Must be numeric.
5.	025-032	Birth Date	08	I	Recipient Date of Birth
6.	033-033	Filler	01	S	Space
7.	034-058	Last Name	25	S	Last Name of the recipient Uppercase Only
8.	059-083	First Name	25	S	First Name of the recipient. Uppercase Only.
9.	084-084	Middle Initial	01	C	Middle Initial of the recipient Uppercase Only.
10.	085-114	Mailing Street Address 1	30	S	Street address. Uppercase Only.
11.	115-144	Mailing Street Address 2	30	S	Street address. Uppercase Only.
12.	145-164	City	20	S	Upper Case Only.
13.	165-166	State	02	S	Upper Case Only.
14.	167-175	Zip	09	S	Use 0000 if last 4 digits are unavailable.
15.	176-178	Country Code	03	S	This field will contain the Country Code for international addresses.
16.	179-188	Telephone Number	10	S	This field should not include extraneous characters such as ( ) or – Includes area code and preceding 1.
17.	189-227	Filler	39	S	Spaces

*Record Length 227*



## Exhibit Debit Card-6: MDHS Debit Card Interface File Formats

### Account Change File Trailer Record

#### Record Length 227 -- File Trailer Record

Item	Position	Description	Attribute	Type	Comment
1.	001-002	File Type Indicator	02	S	Valid Value: 02
2.	003-003	Record Type Indicator	01	S	"T" – Indicates Trailer record
3.	004-017	Created Timestamp	14	I	Date/Time value when the file was Created CCYYMMDDHHMMSS
4.	018-026	Record Count	09	I	Record count of the total number of detail records in the file. Min: 000000001 Max: 999999999 Should match value of Header Record
5.	026-227	Filler	201	S	Filler for the Trailer Record. Alphanumeric or spaces.

#### Record Length 227

### Undeliverable Card File

The Debit Card Contractor System creates a daily file of any cards stuated as "Returned", identifying an undeliverable card. The Debit Card Contractor System will write a record to the Undeliverable Card File for each card stuated as "Returned during the calendar day. The State will utilize the file to locate the recipient and obtain the current address. The State will update the address on the Debit Card System through the Account Maintenance File. A Returned Card Report will also be made available for viewing through the Administrative Terminal.

When a card is returned to the Debit Card Contractor as undeliverable, procedures are enacted that will result in the card being destroyed and stuated on the Debit Card System.

## Exhibit Debit Card-6: MDHS Debit Card Interface File Formats

### Undelivered Card File Header Record

Item	Position	Description	Length	Type	Comment
1.	001-002	File Type Indicator	02	S	Valid Value: UC
2.	003-003	Record Type Indicator	01	S	“A” – Indicates header record
3.	004-017	Created Timestamp	14	I	Date/Time value when the file was Created CCYYMMDDHHMMSS
4.	018-026	Record Count	09	I	Record count of the total number of detail records in the file. Min: 000000001 Max: 999999999
5.	027-220	Filler	194	S	Filler for the header record. Alphanumeric or spaces.

*Record Length 220*

### Undelivered Card File Detail Record

Item	Position	Description	Attribute	Type	Comment
1.	001-001	Record ID	01	S	“D” – Indicates detail record
2.	002-003	Agency ID	02	I	“12” MDHS - Division of Child Support Enforcement “15” MDHS - Division of Field Operations
3.	004-015	Person ID	12	S	Person ID (Master Client Number) is a length of 12. Left-justified, right space filled.
4.	016-031	PAN	16	S	PAN Stated as Returned
5.	032-056	Last Name	25	S	Last Name of the recipient Uppercase Only
6.	057-081	First Name	25	S	First Name of the recipient. Uppercase Only.
7.	082-082	Middle Initial	01	C	Middle Initial of the recipient Uppercase Only.
8.	083-112	Mailing Street Address 1	30	S	Street address. Uppercase only.
9.	113-142	Mailing Street Address 2	30	S	Street address. Uppercase only.
10.	143-162	City	20	S	Upper Case Only.
11.	163-164	State	02	S	Upper Case Only.
12.	165-173	Zip	09	S	Use 0000 if last 4 digits are unavailable.
13.	174-176	Country Code	03	S	This field will contain the Country Code for international addresses.
14.	177-186	Telephone Number	10	S	This field should not include extraneous characters such as ( ) or – Includes area code and preceding 1.
15.	187-187	Balance Flag	1	S	“Y” – account has balance as of report run. “N” – account has zero or negative balance as of report run.
16.	188-195	PAN Status Date	8	I	Date PAN was stated as Returned – CCYYMMDD
17.	196-201	PAN Status Time	6	I	Time PAN was stated as Returned – HHMM

**Exhibit Debit Card-6: MDHS Debit Card Interface File Formats**

Item	Position	Description	Attribute	Type	Comment
18.	202-220	Filler	19	S	Spaces

*Record Length 220*

**Undelivered Card File Trailer Record**

Item	Position	Description	Attribute	Type	Comment
1.	001-002	File Type Indicator	02	S	Valid Value: UC
2.	003-003	Record Type Indicator	01	S	“T” – Indicates Trailer record
3.	004-017	Created Timestamp	14	I	Date/Time value when the file was Created CCYYMMDDHHMMSS
4.	018-026	Record Count	09	I	Record count of the total number of detail records in the file. Min: 000000001 Max: 999999999 Should match value of Header Record
5.	026-220	Filler	194	S	Filler for the Trailer Record. Alphanumeric or spaces.

*Record Length 220*

**Deposit Confirmation File**

The Debit Card Contractor will provide to the State a Deposit Confirmation File in response to each deposit file submitted to the Contractor. This file contains the details of deposits posted to Debit Card System.

The following is a description of the Deposit Confirmation File format for reporting deposit account activity information back to the State. The file layout will consist of a header record, followed by multiple detail records, followed by a trailer record. All alpha-numeric fields will be left-justified and right space-filled.

## Exhibit Debit Card-6: MDHS Debit Card Interface File Formats

### Deposit Confirmation File Header Record

Item	Position	Description	Length	Type	Comment
1.	001-002	File Type Indicator	02	S	Valid Value: DC
2.	003-008	Batch ID	06	S	Must Match Trailer
3.	009-009	Record Type Indicator	01	S	“A” – Indicates header record
4.	010-023	Created Timestamp	14	I	Date/Time value when the file was Created CCYYMMDDHHMMSS
5.	024-032	Record Count	09	I	Record count of the total number of detail records in the file. Min: 000000001 Max: 999999999
6.	033-237	Filler	205	S	Filler for the header record. Alphanumeric or spaces.

*Record Length = 237*

### Deposit Confirmation File Detail Record

**Exhibit Debit Card-6: MDHS Debit Card Interface File Formats**

#	Position	Description	Length	Type	Comments	M/C/O/I
1	001-002	Record Type	2	X	“DT”	M
2	003-014	Person ID	12	X	Master Client Number	M
3	015-030	Cardholder Number	16	9	Cardholder PAN	M
4	031-032	Primary/Alternate Indicator	2	X	Default - “01”	M
5	033-038	Country Code	6	X	Eligibility office number	M
6	039-040	Program Type	2	X	“CA” – Cash	M
7	041-044	Transaction Type	4	9	Values: 6000 – Deposit Added through batch 7000 – Deposit canceled through batch	M
8	045-052	Transaction Date	8	9	CCYYMMDD – Trans Log Date	M
9	053-058	Transaction Time	6	9	HHMMSS – Transaction Log Time	M
10	059-062	Deposit Type	4	X	“CS” – Child Support Payments “TC” – TANF Regular Cash “TR” – TANF Regular Transportation “TT” – TANF Transitional Transportation “WP” – TANF Work Program “WB” – TANF Work Program-Job Retention Bonus “ET” – Employment & Training Cash Assistance “J1” - TANF Regular Transportation – Not Working “J2” - TANF Regular Transportation – Not Working Convicted Drug Felon “J3” - TANF Work Program – Not Working Convicted Drug Felon “J4 – J9” – JAWS TANF Deposit Types (future use) “M1 – M9” – MAVERICS TANF Deposit Types (future use) “D1 – D9” – Disaster Cash Deposit Types (future use)	M
11	063-063	Credit/Debit Indicator	1	X	“C” = Credit “D” = Debit	M
12	064-069	Host Approval Code	6	9	Approval Code generated by the host for the transaction.	C
13	070-076	Transaction Amount	7	9(5)v99	Amount of transaction.	C
14	077-083	Completed Amount	7	9(5)v99	Completed amount of transaction impacting this Benefit Document ID.	M
15	084-090	Remaining Balance on Deposit Document ID Number	7	9(5)v99	Amount of funds available on authorization after transaction.	M

**Exhibit Debit Card-6: MDHS Debit Card Interface File Formats**

#	Position	Description	Length	Type	Comments	M/C/O/I
16	091-099	Deposit Document ID Number	9	X	State generated unique number	M
17	100-105	Deposit Month	6	9	Benefit Month of benefit auth.	M
18	106-113	Settlement Date	8	9	CCYYMMDD – Posting day for transaction. Matches switch day cutoff.	M
19	114-197	Filler	84	X	Spaces	I
20	198-233	Cardholder Name	36	X	Cardholder Name	I
21	234-237	Filler	4	X	Spaces	I

*Record Length = 237*

**Deposit Confirmation File Trailer Record**

#	Position	Description	Length	Type	Comments	M/C/O/I
1	001-002	Record Type	2	X	“TD”	M
2	003-008	Batch ID	6	X	Must match header	M
3	009-017	Total Detail Records	9	9	Total Number of Detail Records	M
4	018-027	Total Credits	10	9(8)V99	Total dollar value of Credits	M
5	028-037	Total Debits	10	9(8)V99	Total dollar value of Debits	M
6	038-237	Filler	200	X	Spaces	I

*Record Length = 237*

## Exhibit Debit Card-6: MDHS Debit Card Interface File Formats

### Cardholder Reconciliation File

On the 1st day of each calendar month, Debit Card Contractor will transmit to the State a Cardholder Reconciliation File that contains the details of cardholders on Debit Card System. The following is a description of the Cardholder Reconciliation File format for reporting cardholder details back to the State. The file layout will consist of a header record, followed by multiple detail records, followed by a trailer record. All alpha-numeric fields will be left-justified and right space-filled.

#### Cardholder Reconciliation File Header Record

#	Position	Description	Length	Type	Comments	M/C/O/I
1	001-002	Record Type	2	X	“CA”	M
2	003-006	Filler	4	X	Spaces	I
3	007-012	Batch ID	6	X	“MSCARD”- Monthly Cardholder Reconciliation File	M
4	013-020	File Create Date	8	9	CCYYMMDD	M
5	021-026	File Create Time	6	9	HHMMSS	M
6	027-211	Filler	185	X	Spaces	I

*Record Length = 211*

#### Cardholder Reconciliation File Detail Record

#	Position	Description	Length	Type	Comments	M/C/O/I
1	001-012	Person ID	12	S	Master Client Number	M
2	012-028	Filler	16	S	Spaces	I
3	029-036	Account set up	8	S	CCYYMMDD	M
4	037-038	Agency ID	2	I	“12” – MDHS - Division of Child Support Enforcement “15” – MDHS - Division of Field Operations	M
5	039-039	Filler	1	S	Spaces	I
6	040-054	Cardholder First Name	15	S		M
7	055-055	Cardholder Middle Initial	1	S		M
8	056-075	Cardholder Last Name	20	S		M
9	076-084	Cardholder SSN	9	S		M
10	085-092	Cardholder Birth Date	8	S	CCYYMMDD	M
11	093-101	Filler	9	S	Spaces	I
12	102-131	Account Address #1	30	S		M
13	132-161	Account Address #2	30	S		M

**Exhibit Debit Card-6: MDHS Debit Card Interface File Formats**

#	Position	Description	Length	Type	Comments	M/C/O/I
14	162-181	Filler	20	S	Spaces	I
15	182-200	Account City	19	S		M
16	201-202	Account State	2	S		M
17	203-211	Account Zip	9	S		M

*Record Length = 211*

**Cardholder Reconciliation File Trailer Record**

#	Position	Description	Length	Type	Comments	M/C/O/I
1	001-002	Record Type	2	X	“CT”	M
2	003-008	Batch ID	6	X	Must match header	M
3	009-017	Total Detail Records	9	9	Total Number of Detail Records	M
4	018-211	Filler	194	X	Spaces	I

*Record Length = 211*

**Appendix A. Country Codes**

The following table identifies the Country Codes for International Addresses.

Country	ISO ALPHA-3 CODE
AFGHANISTAN	AFG
ALBANIA	ALB
ALGERIA	DZA
AMERICAN SAMOA	ASM
ANDORRA	AND
ANGOLA	AGO
ANGUILLA	AIA
ANTARCTICA	ATA
ANTIGUA AND BARBUDA	ATG
ARGENTINA	ARG
ARMENIA	ARM



**Exhibit Debit Card-6: MDHS Debit Card Interface File Formats**

<b>Country</b>	<b>ISO ALPHA-3 CODE</b>
ARUBA	ABW
AUSTRALIA	AUS
AUSTRIA	AUT
AZERBAIJAN	AZE
BAHAMAS	BHS
BAHRAIN	BHR
BANGLADESH	BGD
BARBADOS	BRB
BELARUS	BLR
BELGIUM	BEL
BELIZE	BLZ
BENIN	BEN
BERMUDA	BMU
BHUTAN	BTN
BOLIVIA	BOL
BOSNIA AND HERZEGOVINA	BIH
BOTSWANA	BWA
BOUVET ISLAND	BVT
BRAZIL	BRA
BRITISH INDIAN OCEAN TERRITORY	IOT
BRUNEI DARUSSALAM	BRN
BULGARIA	BGR
BURKINA FASO	BFA
BURUNDI	BDI
CAMBODIA	KHM
CAMEROON	CMR
CANADA	CAN
CAPE VERDE	CPV
CAYMAN ISLANDS	CYM
CENTRAL AFRICAN REPUBLIC	CAF
CHAD	TCD

**Exhibit Debit Card-6: MDHS Debit Card Interface File Formats**

<b>Country</b>	<b>ISO ALPHA-3 CODE</b>
CHILE	CHL
CHINA	CHN
CHRISTMAS ISLAND	CXR
COCOS (KEELING) ISLANDS	CCK
COLOMBIA	COL
COMOROS	COM
CONGO	COG
COOK ISLANDS	COK
COSTA RICA	CRI
COTE D'IVOIRE	CIV
CROATIA (local name: Hrvatska)	HRV
CUBA	CUB
CYPRUS	CYP
CZECH REPUBLIC	CZE
DENMARK	DNK
DJIBOUTI	DJI
DOMINICA	DMA
DOMINICAN REPUBLIC	DOM
EAST TIMOR	TLS
ECUADOR	ECU
EGYPT	EGY
EL SALVADOR	SLV
EQUATORIAL GUINEA	GNQ
ERITREA	ERI
ESTONIA	EST
ETHIOPIA	ETH
FALKLAND ISLANDS (MALVINAS)	FLK
FAROE ISLANDS	FRO
FIJI	FJI
FINLAND	FIN
FRANCE	FRA

**Exhibit Debit Card-6: MDHS Debit Card Interface File Formats**

<b>Country</b>	<b>ISO ALPHA-3 CODE</b>
FRANCE, METROPOLITAN	FXX
FRENCH GUIANA	GUF
FRENCH POLYNESIA	PYF
FRENCH SOUTHERN TERRITORIES	ATF
GABON	GAB
GAMBIA	GMB
GEORGIA	GEO
GERMANY	DEU
GHANA	GHA
GIBRALTAR	GIB
GREECE	GRC
GREENLAND	GRL
GRENADA	GRD
GUADELOUPE	GLP
GUAM	GUM
GUATEMALA	GTM
GUINEA	GIN
GUINEA-BISSAU	GNB
GUYANA	GUY
HAITI	HTI
HEARD ISLAND & MCDONALD ISLANDS	HMD
HONDURAS	HND
HONG KONG	HKG
HUNGARY	HUN
ICELAND	ISL
INDIA	IND
INDONESIA	IDN
IRAN, ISLAMIC REPUBLIC OF	IRN
IRAQ	IRQ
IRELAND	IRL
ISRAEL	ISR

**Exhibit Debit Card-6: MDHS Debit Card Interface File Formats**

<b>Country</b>	<b>ISO ALPHA-3 CODE</b>
ITALY	ITA
JAMAICA	JAM
JAPAN	JPN
JORDAN	JOR
KAZAKHSTAN	KAZ
KENYA	KEN
KIRIBATI	KIR
KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF	PRK
KOREA, REPUBLIC OF	KOR
KUWAIT	KWT
KYRGYZSTAN	KGZ
LAO PEOPLE'S DEMOCRATIC REPUBLIC	LAO
LATVIA	LVA
LEBANON	LBN
LESOTHO	LSO
LIBERIA	LBR
LIBYAN ARAB JAMAHIRIYA	LBY
LIECHTENSTEIN	LIE
LITHUANIA	LTU
LUXEMBOURG	LUX
MACAU	MAC
MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF	MKD
MADAGASCAR	MDG
MALAWI	MWI
MALAYSIA	MYS
MALDIVES	MDV
MALI	MLI
MALTA	MLT
MARSHALL ISLANDS	MHL
MARTINIQUE	MTQ
MAURITANIA	MRT

**Exhibit Debit Card-6: MDHS Debit Card Interface File Formats**

<b>Country</b>	<b>ISO ALPHA-3 CODE</b>
MAURITIUS	MUS
MAYOTTE	MYT
MEXICO	MEX
MICRONESIA, FEDERATED STATES OF	FSM
MOLDOVA, REPUBLIC OF	MDA
MONACO	MCO
MONGOLIA	MNG
MONTSERRAT	MSR
MOROCCO	MAR
MOZAMBIQUE	MOZ
MYANMAR	MMR
NAMIBIA	NAM
NAURU	NRU
NEPAL	NPL
NETHERLANDS	NLD
NETHERLANDS ANTILLES	ANT
NEW CALEDONIA	NCL
NEW ZEALAND	NZL
NICARAGUA	NIC
NIGER	NER
NIGERIA	NGA
NIUE	NIU
NORFOLK ISLAND	NFK
NORTHERN MARIANA ISLANDS	MNP
NORWAY	NOR
OMAN	OMN
PAKISTAN	PAK
PALAU	PLW
PANAMA	PAN
PAPUA NEW GUINEA	PNG
PARAGUAY	PRY

**Exhibit Debit Card-6: MDHS Debit Card Interface File Formats**

Country	ISO ALPHA-3 CODE
PERU	PER
PHILIPPINES	PHL
PITCAIRN	PCN
POLAND	POL
PORTUGAL	PRT
PUERTO RICO	PRI
QATAR	QAT
REUNION	REU
ROMANIA	ROU
RUSSIAN FEDERATION	RUS
RWANDA	RWA
SAINT KITTS AND NEVIS	KNA
SAINT LUCIA	LCA
SAINT VINCENT AND THE GRENADINES	VCT
SAMOA	WSM
SAN MARINO	SMR
SAO TOME AND PRINCIPE	STP
SAUDI ARABIA	SAU
SENEGAL	SEN
SEYCHELLES	SYC
SIERRA LEONE	SLE
SINGAPORE	SGP
SLOVAKIA (Slovak Republic)	SVK
SLOVENIA	SVN
SOLOMON ISLANDS	SLB
SOMALIA	SOM
SOUTH AFRICA	ZAF
SPAIN	ESP
SRI LANKA	LKA
SAINT HELENA	SHN
SAINT PIERRE AND MIQUELON	SPM

**Exhibit Debit Card-6: MDHS Debit Card Interface File Formats**

<b>Country</b>	<b>ISO ALPHA-3 CODE</b>
SUDAN	SDN
SURINAME	SUR
SVALBARD AND JAN MAYEN ISLANDS	SJM
SWAZILAND	SWZ
SWEDEN	SWE
SWITZERLAND	CHE
SYRIAN ARAB REPUBLIC	SYR
TAIWAN, PROVINCE OF CHINA	TWN
TAJIKISTAN	TJK
TANZANIA, UNITED REPUBLIC OF	TZA
THAILAND	THA
TOGO	TGO
TOKELAU	TKL
TONGA	TON
TRINIDAD AND TOBAGO	TTO
TUNISIA	TUN
TURKEY	TUR
TURKMENISTAN	TKM
TURKS AND CAICOS ISLANDS	TCA
TUVALU	TUV
UGANDA	UGA
UKRAINE	UKR
UNITED ARAB EMIRATES	ARE
UNITED KINGDOM	GBR
UNITED STATES	USA
UNITED STATES MINOR OUTLYING ISLANDS	UMI
URUGUAY	URY
UZBEKISTAN	UZB
VANUATU	VUT
VATICAN CITY STATE (HOLY SEE)	VAT
VENEZUELA	VEN

**Exhibit Debit Card-6: MDHS Debit Card Interface File Formats**

<b>Country</b>	<b>ISO ALPHA-3 CODE</b>
VIET NAM	VNM
VIRGIN ISLANDS (BRITISH)	VGB
VIRGIN ISLANDS (U.S.)	VIR
WALLIS AND FUTUNA ISLANDS	WLF
WESTERN SAHARA	ESH
YEMEN	YEM
YUGOSLAVIA	YUG
ZAIRE	ZAR
ZAMBIA	ZMB
ZIMBABWE	ZWE

**Appendix D. Reject File Error Codes**

<b>Error Code</b>	<b>Description</b>
	<b>Account Maintenance Header Record Errors</b>
AHA001	Invalid header record type
AHA002	Invalid Batch ID
AHA003	Invalid Date (numeric and reasonability edits)
AHA004	Invalid Time (numeric and reasonability edits)
AHA005	Invalid Batch Sequence Number (numeric edit) -
AHA007	Duplicate file
	<b>Account Maintenance Detail Record Errors</b>
ADT001	Invalid/Missing Record Type
ADT002	Invalid/Missing Action Code
ADT003	Invalid/Missing Primary/Alternate Indicator
ADT004	Invalid/Missing Cardholder Access
ADT005	Demographics Already Exist - For Action Code "01"
ADT008	Missing Case Number
ADT009	Missing First Name
ADT010	Missing Last Name
ADT011	Invalid/Missing County Code



**Exhibit Debit Card-6: MDHS Debit Card Interface File Formats**

<b>Error Code</b>	<b>Description</b>
ADT012	Invalid Date of Birth
ADT014	Invalid/Missing Card Issuance Indicator
ADT015	Invalid/Missing Language Code
ADT020	Invalid/Missing Address
ADT021	Invalid/Missing City
ADT022	Invalid/Missing State
ADT023	Invalid/Missing Zip
ADT024	Missing SSN
ADT025	Country code missing/invalid
ADT026	Family violence indicator missing/invalid for CS
ADT027	Agency ID missing/invalid
ADT028	Agency ID illegal change
	<b>Account Maintenance Trailer Record Errors</b>
ATA001	Invalid/Missing Record Type
ATA002	Mismatch on Batch ID
ATA003	Mismatch on Total Number of Detail Records
ATA004	Mismatch on Number of Account Set-up Records
ATA005	Mismatch on Number of Account Update Records

<b>Error Code</b>	<b>Description</b>
	<b>Deposit Header Record Errors</b>
BHB001	Invalid record type
BHB002	Invalid Batch ID
BHB003	Invalid Date (numeric and reasonability edits)
BHB004	Invalid Time (numeric and reasonability edits)
BHB007	Duplicate file
	<b>Deposit Detail Record Errors</b>
BDT001	Invalid/Missing Record Type
BDT002	Invalid/Missing Action Code
BDT004	Deposit Document ID Already Exists – For “01” Action Code
BDT007	Missing Case Number

### Exhibit Debit Card-6: MDHS Debit Card Interface File Formats

Error Code	Description
BDT008	Invalid/Missing Deposit Type
BDT009	Invalid/Missing Deposit Amount (Must be numeric, non-zero)
BDT010	Missing Deposit Document ID Number
BDT011	Invalid/Missing Deposit Available Date
BDT013	Invalid/Missing Deposit Month – For “01” Action Code
	<b>Deposit Trailer Record Errors</b>
BTB001	Invalid/Missing Record Type
BTB002	Mismatch on Batch ID
BTB003	Mismatch on Total Number of Detail Records
BTB004	Mismatch on Number of Deposit Add Records
BTB006	Mismatch on Amount of Deposit Adds