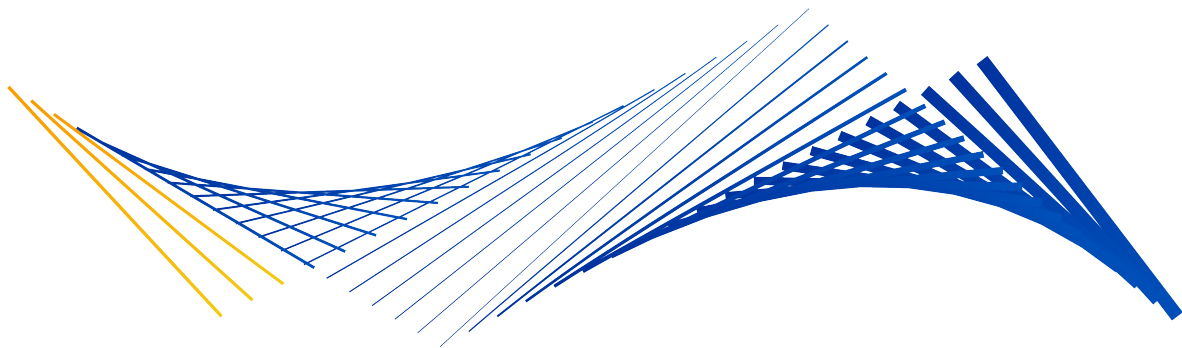


BASE II Clearing Interchange Formats, TC 01 to TC 49

Effective: 19 October 2019



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Glossary

Chapter 1

BASE II Interchange Files and Transaction Formats

Base II Interchange Formats Overview

Transaction codes are used to describe transaction records and edit criteria applied to each field of a record in a transaction file in order to process interchange transactions.

BASE II Clearing System Documentation

The following documents are available.

- *BASE II Clearing Interchange Formats, TC 01 to TC 49*
- *BASE II Clearing Interchange Formats, TC 50 to TC 92*
- *BASE II Clearing Data Codes*
- *BASE II Clearing Edit Package (Release 4.0) Messages*
- *BASE II Clearing Edit Package (Release 4.0) Reports*
- *BASE II Clearing PC Edit Package for Windows (Release 4.0) User's Guide*
- *BASE II Clearing PC Edit Package (Release 4.0) Operations Guide*
- *BASE II Clearing Reports*
- *BASE II Clearing VML Developer's Handbook*
- *BASE II Clearing VML Formats*
- *Card Recovery Bulletin User's Guide*
- *VCRFS Processing Manual*
- *Fraud Reporting System User's Manual*
- *Issuer's Clearinghouse Service User's Manual*
- *Merchant Performance Reporting User's Guide*
- *Visa Merchant Data Standards Manual*
- *Visa Core Rules and Visa Product and Service Rules*

BASE II Edit Package Interchange Processing

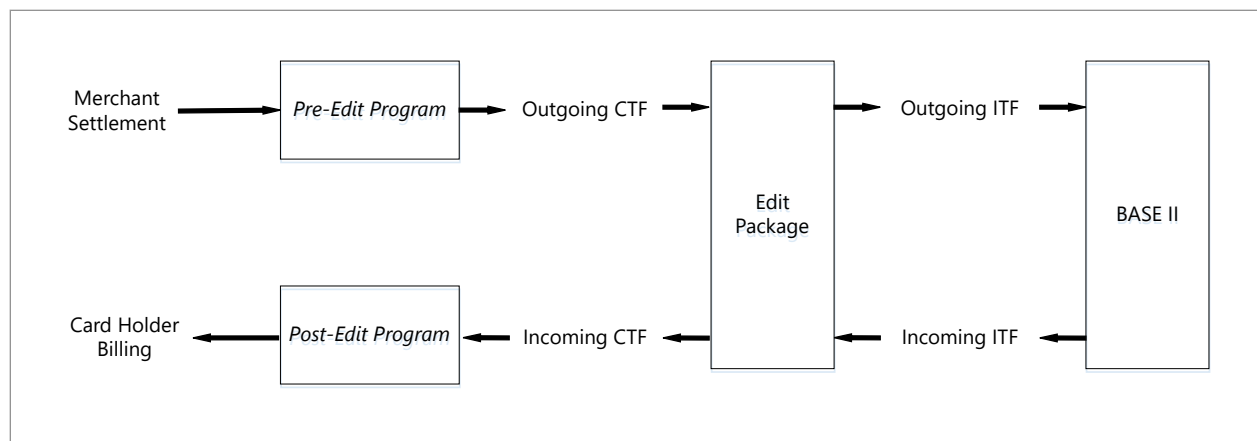
The BASE II Edit Package uses Center Transaction Files (CTFs) and Interchange Transaction Files (ITFs) to process interchange messages.

CTFs are used as the interface between the member's own pre- and post-edit programs and the Edit Package.

BASE II Edit Package Process Flow

This figure illustrates the flow of ITFs and CTFs through the Edit Package.

Interchange Processing Flow



- Outgoing CTFs contain interchange generated by the member's pre-edit program and validated by the Edit Package before submission to the VisaNet Interchange Center (VIC).
- Incoming CTFs contain interchange from the VIC that has been processed by the Edit Package for the member's post-edit program. The incoming transactions are processed by the member's post-edit program.

ITFs are used in the transmission of interchange between the Edit Package and the VIC.

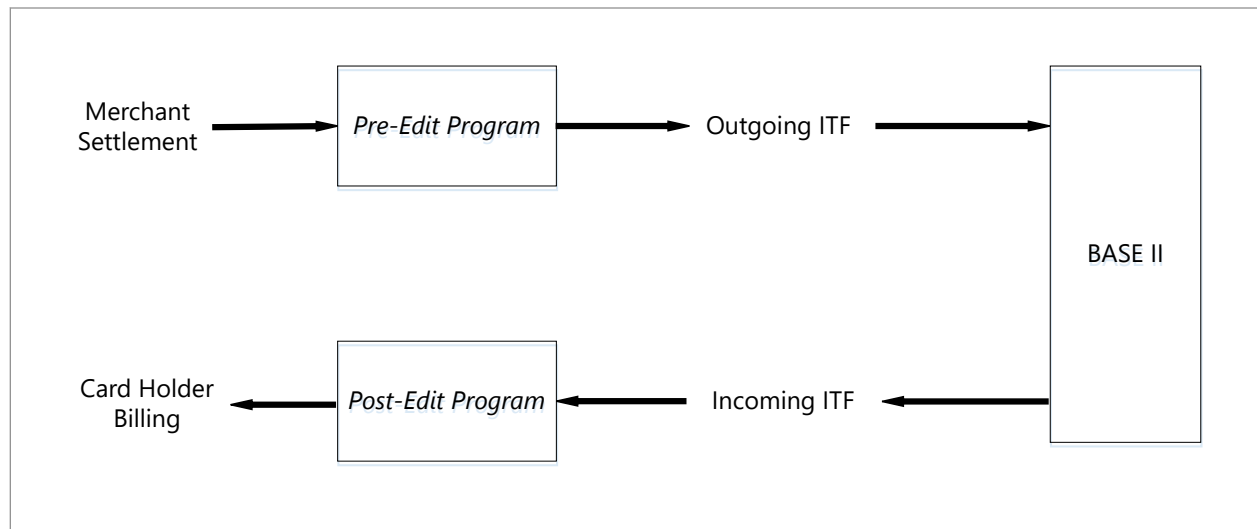
- Outgoing ITFs are generated by the Edit Package and contain reformatted validated CTF interchange transactions.
- Incoming ITFs are generated by the VIC for the Edit Package; they contain incoming interchange, BASE II report records, and Center Information Block (CIB) and Center Security Codes.

BASE II Non-Edit Package Process Flow

A member also has the option to exchange ITFs directly with BASE II without using the Edit Package application.

This figure illustrates the alternative processing flow.

Interchange Processing Flow Without Edit Package



- Outgoing ITFs are created and sent directly by the member to the VisaNet Interchange Center (VIC).
- Incoming ITFs are created and sent directly by the VIC to the member.

Both CTF and ITF files can reside on magnetic tape or hard disks.

BASE II Center Transaction Files

Center Transaction Files (CTFs) are sequential, fixed-block files. Each CTF contains one or more logical transactions, each of which is defined by a transaction code (TC) and comprised of one or more transaction component records (TCR). Each TCR is 168 bytes long.

All TCRs in a transaction have the same two-character transaction code (positions 1 and 2). The Transaction Component Sequence Number (position 4) gives the TCR number. TCR numbers are not necessarily consecutive; that is, the TCR sequence may skip a number. For example, the Request for Copy transaction contains TCR 0, TCR 1, and TCR 4. The TCRs must be in ascending order within the transaction, however.

The Edit Package considers a transaction complete when either or both of these conditions are encountered:

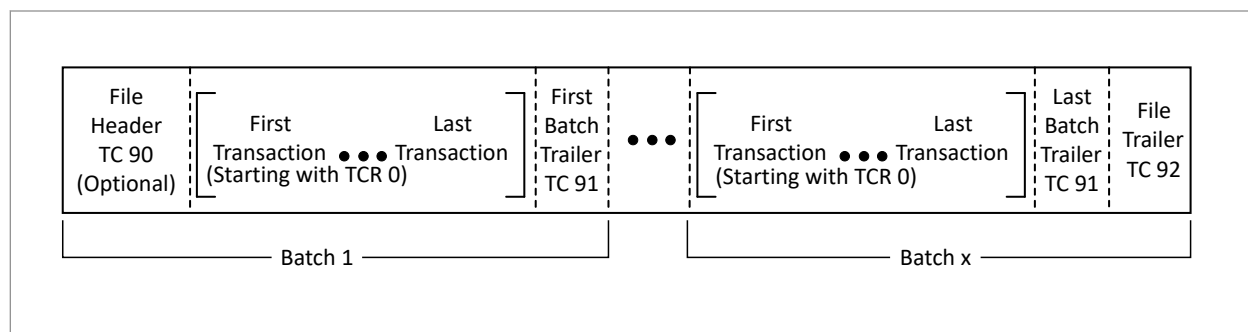
- The Transaction Code is different from the previous one.
- The Transaction Component Sequence Number (TCR number) is less than the previous one.

BASE II CTF Structure

The transactions are stored in the Center Transaction File (CTF) in batches. Transactions within each batch do not have to be in any particular order, and a batch may contain multiple issuing or acquiring identifiers.

This figure illustrates the CTF structure.

CTF Structure



The TC 90 Header Record contains the Center Information Block (CIB) and Security Code, VisaNet Interchange Center (VIC) Processing and Settlement Dates, Edit Package Release Number, and File Type Subfile ID Number (if separate CTFs are created). For outgoing processing, the Edit Package uses the Center File ID and pre-edit processing date for duplicate file checking. For incoming processing, processing centers can elect to receive an incoming CTF Header Record by using the WRITEHEADER Edit Package run control option.

BASE II Outgoing CTF

The outgoing Edit Package Center Transaction File (CTF) has a batch record capacity of 999. Centers can modify this to allow for up to 3,300 records in a batch if their VisaNet Access Points (VAPs) permit.

Transactions rejected by the Edit Package's outgoing control program can, by the use of a run control option, be written to a separate CTF for correction and re-entry. This separate CTF includes TC 91 (Batch Trailer) and TC 92 (File Trailer) records. A TC 90 (Header Record) is also supplied if the processing center included it on the original outgoing CTF.

BASE II Incoming CTF

The number of batches in an incoming Center Transaction File (CTF) is determined by the VisaNet Interchange Center (VIC). Incoming batches are not sorted and distributed by destination identifier; batches may contain transactions for multiple entities processed by the same processing center.

BASE II Interchange Transaction Files

Interchange Transaction Files (ITFs) are sequential, fixed block size EBCDIC files. ITF transaction records are 170 positions in length, and are identical to Center Transaction File (CTF) transaction records except for a two-byte ITF Record Hash Total field in positions 3 and 4, which pushes all subsequent fields forward by two.

BASE II Outgoing ITF

Outgoing Interchange Transaction Files (ITFs) can contain up to 999 TCRs in a batch. Before the Edit Package writes each transaction to the outgoing ITF, it checks to see if there is enough room for the component records and the batch and file trailers.

If a member chooses not to use the Edit Package application, an ITF is sent directly from the member to the VIC without Edit Package processing. This option requires members to modify their pre- and post-Edit Package processing programs. TC 00 short block filler records are not required for outgoing ITFs.

See *Centralized Edit Package Alternative Member Implementation Guide*.

BASE II Incoming ITF

Incoming Interchange Transaction File (ITF) record batches each contain approximately 1,000 TCRs, although there is no upper limit. Within the Edit Package the processing center has the option of splitting the incoming ITF into a maximum of 25 separate Center Transaction Files (CTFs). Depending on Edit Package run control options, the incoming ITF can be split by ARDEF range, Destination Identifier, Product ID, and Transaction Code.

Rejected transactions on incoming interchange can be written to a separate file for per-field correction, thus avoiding the need to re-key the entire transaction. This rejected transaction file is in CTF format and contains batch trailer (TC 91) and file trailer (TC 92) records. If the Edit Package's WRITEHEADER run control option has been set to Y, a TC 90 Header Record is also supplied.

If a member chooses not to use the Edit Package application, a member receives an ITF directly from the VisaNet Interchange Center (VIC) without Edit Package processing.

BASE II Edit Package Run Control Options

Run control options allow processing centers to select permanent or temporary Edit Package functions that best meet their needs, such as splitting an incoming Interchange Transaction File (ITF) into several Center Transaction Files (CTFs), setting run- or item-level tolerance checking limits, and establishing duplicate batch detection settings.

See:

- *BASE II Clearing Edit Package (Release 3) Operations Guide*
- *BASE II Clearing PC Edit Package (Release 3) User's Guide*
- *BASE II Clearing Edit Package (Release 4.0) Operations Guide*
- *BASE II Clearing PC Edit Package (Release 4.0) User's Guide*

BASE II Bypass Business Edits Option

During an outgoing edit run, the majority of the business edits can be Bypassed. All of the edits and processing that are necessary to insure file integrity and correct Edit Package processing are always performed. When the Bypass Business Edits option is used, unless indicated, the Edit Package does not perform the edits during an outgoing edit run. Business edits performed when the Bypass Business Edits option is used are noted by :

This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.



It may be necessary to obtain authorization from your Visa regional representative to use this run control option.

For the error message that can still be received when the Bypass Business Edits option is used, see *BASE II Clearing Edit Package (Release 4.0) Messages*.

Transaction Codes Print/Pass Summary

The print/pass run control options determine which incoming transactions are written (passed) to the Center Transaction File (CTF) and which outgoing and incoming transactions are printed. The system defaults can be overridden through the use of Edit Package run control options.

For outgoing runs, the print options for Edit Package Release 3.0 are:

- TCOUTPRT: Prints reports on outgoing transactions.
- TCNOOUTPRT: Prevents printing reports on outgoing transactions.

For incoming runs, the print options are:

- TCINPRT: Prints reports on selected incoming transactions.
- TCNOINPRT: Prevents printing reports on incoming transactions.

For incoming runs, the pass options are:

- TCPASS: Writes specific transaction codes to the incoming CTF.
- TCNOPASS: Prevents specific transaction codes from being written to the incoming CTF.

See BASE II Clearing Edit Package (Release 3) Operations Guide for more information on these and other run control options.

For outgoing runs, the print options for Edit Package Release 4.0 are:

- TRNOUTPRT: Prints reports on outgoing transactions.
- TRNOOUTPRT: Prevents printing reports on outgoing transactions.

For incoming runs, the print options are:

- TRNINPRT: Prints reports on selected incoming transactions.
- TRNNOINPRT: Prevents printing reports on incoming transactions.

For incoming runs, the pass options are:

- TRNPASS: Writes specific transaction codes to the incoming CTF.
- TRNOPASS: Prevents specific transaction codes from being written to the incoming CTF.

See BASE II Clearing Edit Package (Release 4.0) Operations Guide.

BASE II Transaction Formats

BASE II Transaction Information Guidelines

BASE II transactions follow certain information guidelines to prevent transaction rejections during processing.

- Negative values (for example, -1) in any record field cause transactions to be rejected.
- Reserved numeric fields should contain zeros. Reserved alphanumeric fields should contain spaces unless otherwise specified.
- The default entry for any numeric field is zero and the default entry for any alphanumeric field is a space unless otherwise indicated.

- Alphabetic characters should always be uppercase (for example, A, not a).
- Unless specifically stated for a particular field, special characters should not be entered. Special characters include such language-specific ones as accent grave (') or umlaut (ä).
- Numeric fields should be unpacked numeric (UN).

BASE II Field Edit Criteria

The edit criteria for each field contain several types of edit information.

- **Universal edits**—Apply to all transactions and are always listed first. There may be separate outgoing and incoming universal edits. Edit criterion is universally applicable unless identified by a category subheading:
- **Regional edits**—Apply only to transactions between members within a region. Applicable regions are identified.
- **National edits**—Apply only to transactions within the specified country. Applicable countries are identified.
- **Visa Interchange Center (VIC)-specific edits**—Are performed only at the VIC and not by the Edit Package. VIC edits may also be applicable to only a specific nation or region.
- **Notes**—Provide information such as descriptions, value definitions, or when an optional field should be used. No edits are applied to the information provided in Notes.

This figure shows an example of a field edit accompanied by explanatory notes.

Field Edit Criteria Example

POS Terminal Capability Position: 158 Length: 1 Format: alphanumeric	Description: Indicates the capability of the Point-of-Sale (POS) Terminal (for example, terminal was not used, terminal can read magnetic stripe, terminal can read chip, etc.) The field must contain a space, 0 through 5, 8 or 9. Refer to the <i>BASE II Clearing Data Codes</i> manual for a list of valid codes.
Universal edit applicable to all transactions	Note: Please refer to the <i>BASE II Clearing Data Codes</i> manual for a list of valid codes.
Note applicable universally	For CPS Participating Countries: If ACI = M, P, R, or V, this field may contain any valid value. Otherwise, CPS originals and their reversals, except CPS/ATM, must contain a 2 through 5 or 9. CPS vouchers may contain a space.
Edit applicable only to CPS participating countries	National—U.S.: EIRF originals and their reversals must contain 0 through 5, 8, or 9. EIRF credit vouchers may contain a space. Contactless original transactions must contain 8.
National edit applicable only to the U.S.	VIC Edit, National—U.S.: EPS and Supermarket originals and reversals must contain 2 through 5, 8, or 9.
VIC Edit applicable only to the U.S.	Dispute Response Financials, Dispute Financials The entry is not required, but if it is present it must be a valid value.
Universal edits and notes applying only to dispute response financials, dispute financials	

Chapter 2

TC 01, 02, 03 Returned Item Transactions

TC 01, 02, 03 - Returned Item Transactions

Returned item transactions are included in incoming interchange Center Transaction Files to denote transactions that have failed edits at the VisaNet Interchange Center (VIC).

TCR 0–8, 9

CTF – Incoming Interchange

The Returned Item transactions (TC 01, 02, and 03) consist of TCRs 0 through 8 and TCR 9. TCRs 0 through 8 contain the contents of the returned item. TCR 9 contains information identifying the original transaction.

The Returned Item Transaction Codes are:

- **Returned Credit (TC 01)**—A credit transaction that failed the edits at the VIC.
- **Returned Debit (TC 02)**—A debit transaction that failed the edits at the VIC.
- **Returned Nonfinancial (TC 03)**—A nonfinancial transaction that failed the edits at the VIC.

TC 01, 02, 03 - TCR 0-8

These tables show the Returned Item (TC 01, 02, 03) record layout and edit criteria for TCR 0–8.

CTF - Incoming Interchange

Returned Item Record Layout

Position	Field Length	Format	Contents
1–2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5–168	164	AN	Contents of Returned TCR

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Returned Item Edit Criteria

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description: This field contains 01 , 02 , or 03 . 01 = Returned Credit 02 = Returned Debit 03 = Returned Nonfinancial
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains a 0 (zero). This edit is still performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field contains a number from 0 through 8 .
Contents of Returned TCR Positions: 5–168 Length: 164 Format: alphanumeric	Description: This field contains data from the transaction being returned.

TC 01, 02, 03 - TCR 9

These tables contain the Returned Item (TC 01, 02, 03) record layout and edit criteria for TCR 9.

CTF - Incoming Interchange

Returned Item Record Layout

Position	Field Length	Format	Contents
1–2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5–10	6	UN	Destination Identifier
11–16	6	UN	Source Identifier
17–18	2	AN	Original Transaction Code

Returned Item Record Layout

Position	Field Length	Format	Contents
19	1	AN	Original Transaction Code Qualifier
20	1	AN	Original Transaction Component Sequence Number
21–25	5	UN	Source Batch Date (YYDDD)
26–31	6	UN	Source Batch Number
32–35	4	UN	Item Sequence Number
36–38	3	AN	Return Reason Code 1
39–50	12	UN	Original Source Amount
51–53	3	UN	Original Source Currency
54	1	AN	Original Settlement Flag
55	1	AN	Chargeback Reduction Service (CRS) Return Flag
56–58	3	AN	Return Reason Code 2
59–61	3	AN	Return Reason Code 3
62–64	3	AN	Return Reason Code 4
65–67	3	AN	Return Reason Code 5
68–168	101	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Returned Item Edit Criteria

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description: The field will contain 01 , 02 , or 03 . 01 = Returned Credit 02 = Returned Debit 03 = Returned Nonfinancial transaction
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: The field will contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.

Returned Item Edit Criteria

Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field will contain a 9 .
Destination Identifier Positions: 5–10 Length: 6 Format: unpacked numeric	Description: The entity to which this transaction message is sent. This field will contain a valid acquiring or issuing identifier.
Source Identifier Positions: 11–16 Length: 6 Format: unpacked numeric	Description: The entity from which this transaction message is sent. This field will contain a valid acquiring or issuing identifier.
Original Transaction Code Positions: 17–18 Length: 2 Format: alphanumeric	Description: The Transaction Code of the item being returned.
Original Transaction Code Qualifier Positions: 19 Length: 1 Format: alphanumeric	Description: The Transaction Code Qualifier of the item being returned.
Original Transaction Component Sequence Number Positions: 20 Length: 1 Format: alphanumeric	Description: The Transaction Component Sequence Number of the item being returned.
Source Batch Date Positions: 21–25 Length: 5 Format: unpacked numeric	Description: The date of the original batch that contained the item being returned. The format is YYDDD (year and Julian day).
Source Batch Number Positions: 26–31 Length: 6 Format: unpacked numeric	Description: The number of the original batch that contained the item being returned.

Returned Item Edit Criteria

Item Sequence Number Positions: 32–35 Length: 4 Format: unpacked numeric	Description: Sequence number of the transaction being returned as it appears in the batch.
Return Reason Code 1 Positions: 36–38 Length: 3 Format: alphanumeric	Description: The return reason code from BASE II or the first of five possible return reason codes from the CRS. See <i>BASE II Clearing Data Codes</i> for specific Returned Item Reason Codes.
Original Source Amount Positions: 39–50 Length: 12 Format: unpacked numeric	Description: Amount of the transaction. This field contains numerics. Two decimal positions are implied. If the Original Source Currency code is 392 (Japanese Yen), any value other than zero after the decimal produces an Invalid Amount error.
Original Source Currency Positions: 51–53 Length: 3 Format: unpacked numeric	Description: Currency code indicating the source currency. This field will contain a valid ISO numeric code. See <i>BASE II Clearing Data Codes</i> for Currency Codes.
Original Settlement Flag Positions: 54 Length: 1 Format: alphanumeric	Description: Flag indicating interchange system used for settlement. Entries are 0, 6, 7, or 8 : 0 = Visa-settled transaction 6 = National Bilateral Interchange 7 = International Bilateral Interchange (valid only for Latin America and Caribbean) 8 = National Net Interchange
CRS Return Flag Positions: 55 Length: 1 Format: alphanumeric	Description: Flag indicating the transaction was returned by either BASE II or the Chargeback Reduction Service (CRS). Values: Space = Transaction has been returned by BASE II. C = Transaction has been returned by the Chargeback Reduction Service.
Return Reason Code 2 Positions: 56–58 Length: 3 Format: alphanumeric	Description: The second of five possible return reason codes from the CRS. See <i>BASE II Clearing Data Codes</i> for Returned Item Reason Codes.
Return Reason Code 3 Positions: 59–61 Length: 3 Format: alphanumeric	Description: The third of five possible reason codes from the CRS. See <i>BASE II Clearing Data Codes</i> for Returned Item Reason Codes.

Returned Item Edit Criteria

Return Reason Code 4 Positions: 62–64 Length: 3 Format: alphanumeric	Description: The fourth of five possible return reason codes from the CRS. See <i>BASE II Clearing Data Codes</i> for Returned Item Reason Codes.
Return Reason Code 5 Positions: 65–67 Length: 3 Format: alphanumeric	Description: The fifth of five possible return reason codes from the CRS. See <i>BASE II Clearing Data Codes</i> for Returned Item Reason Codes.
Reserved Positions: 68–168 Length: 101 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Chapter 3

TC 04 Reclassification Advice Transaction

TC 04 - Reclassification Advice Transaction

The Reclassification Advice transaction (TC 04) consists of TCRs 0 through 7, which contain information from the original transaction. Additionally, a TCR-9 contains information identifying the original transaction as well as fields updated during the reclassification process.

TCR 0-7, 9

CTF - Incoming Interchange

Members who want to process the Reclassification Advice must use the Edit Package TCPASS run control option to cause TC 04 transactions to be written to the incoming Center Transaction File (CTF). Members who do not want to receive the TC 04 transactions in the incoming CTF do not need to take any action.

Members may choose to have original transactions returned by the BASE-II System for correction, rather than having them reclassified. To have transactions returned, members must contact their regional representative.

TC 04 - TCR 0-7

These tables contain the Reclassification Advice (TC 04) record layout and edit criteria for TCR 0-7.

CTF - Incoming Interchange

Reclassification Advice Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-168	164	AN	Contents of Reclassified TCR

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Reclassification Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain 04 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero). This edit continues to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a number from 0 through 7 .
Contents of Reclassified TCR Positions: 5-168 Length: 164 Format: alphanumeric	Description: This field contains data from the transaction being reclassified.

TC 04 - TCR 9

These tables contain the Reclassification Advice (TC 04) record layout and edit criteria for TCR 9.

CTF - Incoming Interchange

Reclassification Advice Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-18	2	AN	Original Transaction Code

Reclassification Advice Record Layout

Position	Field Length	Format	Contents
19	1	AN	Original Transaction Code Qualifier
20	1	AN	Original Transaction Component Sequence Number
21-25	5	UN	Source Batch Date (YYDDD)
26-31	6	UN	Source Batch Number
32-35	4	UN	Item Sequence Number
36-38	3	AN	Product Reclassification Reason
39-40	2	AN	Settled Product ID
41	1	AN	Settled Spend Qualified Indicator
42-67	26	AN	Reserved
68	1	AN	Reserved
69	1	AN	Settled Authorization Characteristics Indicator
70	1	AN	Settled Requested Payment Service
71	1	AN	Settled Reimbursement Attribute
72-87	16	AN	Derived IRF Descriptor
88-103	16	AN	Settled IRF Descriptor
104-106	3	AN	Payment Service Reclassification Reason
107-109	3	AN	Fee Reclassification Reason
110-112	3	AN	Merchant Volume Reclassification Reason
113-115	3	AN	Submitted Fee Program Indicator
116-118	3	AN	Assessed Fee Program Indicator
119-121	3	AN	Fee Program Indicator Reclassification Reason
122-124	3	AN	MOTO/ECI Reclassification Reason
125-139	15	UN	Interchange Fee Amount
140	1	AN	Interchange Fee Sign
141-143	3	AN	Transaction Integrity Fee Reclassification Reason
144-146	3	AN	Spend Qualified Indicator Reclassification Reason
147-168	22	n/a	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Reclassification Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field will contain 04 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: The field will contain a 0 (zero). This edit continues to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field contains a 9 .
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which this transaction message is sent. This field will contain a valid acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which this transaction message is sent. The field contains the source identifier of the VIC.
Original Transaction Code Positions: 17-18 Length: 2 Format: alphanumeric	Description: The Transaction Code of the item being reclassified.
Original Transaction Code Qualifier Positions: 19 Length: 1 Format: alphanumeric	Description: The Transaction Code Qualifier of the item being reclassified.
Original Transaction Component Sequence Number Positions: 20 Length: 1 Format: alphanumeric	Description: The Transaction Component Sequence Number of the item being reclassified.

Reclassification Advice Edit Criteria

Source Batch Date Positions: 21-25 Length: 5 Format: unpacked numeric	Description: The date of the original batch that contained the item being reclassified. The format is YYDDD (year and Julian day).
Source Batch Number Positions: 26-31 Length: 6 Format: unpacked numeric	Description: The number of the original batch that contained the item being reclassified.
Item Sequence Number Positions: 32-35 Length: 4 Format: unpacked numeric	Description: Sequence number of the transaction being reclassified as it appears in the batch.
Product Reclassification Reason Positions: 36-38 Length: 3 Format: alphanumeric	Description: The code identifying the reason the Product ID was changed. The codes are the same as the return item codes. See <i>BASE II Clearing Data Codes</i> for a listing of these codes. This field will contain zeros if the Product ID was not changed. This field is left-justified and filled with trailing blanks.
Settled Product ID Positions: 39-40 Length: 2 Format: alphanumeric	Description: Indicates the Product ID the transaction was settled with and cleared to the issuer. It may be assigned by the VIC. See <i>BASE II Clearing Data Codes</i> for Product ID values.
Settled Spend Qualified Indicator Positions: 41 Length: 1 Format: alphanumeric	Description: Indicates the Spend Qualified Indicator the transaction was settled with and cleared to the issuer. This field will contain: <ul style="list-style-type: none">• B (Base spend assessment threshold defined by Visa has been met.)• Q (Spend assessment threshold defined by Visa has been met.)• N (Spend assessment threshold defined by Visa has not been met.)• Space (Spend processing does not apply (Not Applicable).)
Reserved Positions: 42-67 Length: 27 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Reserved Positions: 68 Length: 1 Format: alphanumeric	Description: This field is reserved for future use.

Reclassification Advice Edit Criteria

Settled Authorization Characteristics Indicator Positions: 69 Length: 1 Format: alphanumeric	Description: Indicates the authorization characteristics (card present, card not present, etc.) the transaction was settled at and cleared to the issuer. It may be assigned by the VIC. See <i>BASE II Clearing Data Codes</i> for Authorization Characteristics Indicator values.
Settled Requested Payment Service Positions: 70 Length: 1 Format: alphanumeric	Description: Indicates the requested payment service (CPS/ATM, CPS/Retail Service Station, not a payment service transaction, etc.) the transaction was settled at and cleared to the issuer. It may be assigned by the VIC. See <i>BASE II Clearing Data Codes</i> for Requested Payment Service values.
Settled Reimbursement Attribute Positions: 71 Length: 1 Format: alphanumeric	Description: Indicates the interchange reimbursement fees that the transaction was settled at and cleared to the issuer. It may be assigned by the VIC. See <i>BASE II Clearing Data Codes</i> for Reimbursement Attributes.
Derived IRF Descriptor Positions: 72-87 Length: 16 Format: alphanumeric	Description: The descriptor for the Interchange Reimbursement Fee (IRF) that was derived from the fields that were submitted in the transaction.
Settled IRF Descriptor Positions: 88-103 Length: 16 Format: alphanumeric	Description: The descriptor for the IRF at which the transaction was settled.
Payment Service Reclassification Reason Positions: 104-106 Length: 3 Format: alphanumeric	Description: The code identifying the reason the payment service was changed. The codes are the same as the return item codes. See <i>BASE II Clearing Data Codes</i> for a listing of these codes. If there was no payment service change, the field will contain zeros. This field is left-justified and space-filled.
Fee Reclassification Reason Positions: 107-109 Length: 3 Format: alphanumeric	Description: The code identifying the reason the fee was changed. The codes are the same as the return item codes. See <i>BASE II Clearing Data Codes</i> for a listing of these codes. This field will contain zeros if the fee was not changed. This field is left-justified and zero-filled.
Merchant Volume Reclassification Reason Positions: 110-112 Length: 3 Format: alphanumeric	Description: The code identifying the reason the merchant volume indicator was changed. This field will contain zeros if the indicator was not changed. This field is left-justified and zero-filled.

Reclassification Advice Edit Criteria

Submitted Fee Program Indicator Positions: 113-115 Length: 3 Format: alphanumeric	Description: Indicates the requested Fee Program (Standard-Credit, Electron Card, Business Card Electronic, etc.) if it was present in the transaction. See <i>BASE II Clearing Data Codes</i> for a listing of these indicators. If no indicator was submitted, the field will contain zeros. This field is left-justified and space-filled.
Assessed Fee Program Indicator Positions: 116-118 Length: 3 Format: alphanumeric	Description: Indicates the assessed the Fee Program (Standard-Credit, Electron Card, Business Card Electronic, etc.) for which the transaction qualified if the Fee Program Indicator was submitted in the transaction. See <i>BASE II Clearing Data Codes</i> for a listing of these indicators. If no indicator was submitted, the field will contain zeros. This field is left-justified and space-filled.
Fee Program Indicator Reclassification Reason Positions: 119-121 Length: 3 Format: alphanumeric	Description: Code identifying the reason the Fee Program Indicator was changed. See <i>BASE II Clearing Data Codes</i> for a listing of these indicators. This field is left justified and contains zeros if the indicator was not changed..
MOTO/ECI Reclassification Reason Positions: 122-124 Length: 3 Format: alphanumeric	Description: This field contains the Reclassification Reason code 29 to indicate that the MOTO or ECI value was invalid and changed to 7 .
Interchange Fee Amount Positions: 125-139 Length: 15 Format: UN	Description: Specifies the Interchange Fee Amount (in the settlement currency of the member) calculated by Visa for this transaction. The field is right-justified, with six decimals implied.
Interchange Fee Sign Positions: 140 Length: 1 Format: AN	Description: Indicates if the interchange fee amount is a credit or a debit for the receiving member. Values: C = Credit D = Debit The field must contain spaces. The VIC will insert the valid value.
Transaction Integrity Fee Reclassification Reason Positions: 141-143 Length: 3 Format: AN	Description: Zero or a reclassification reason code.

Reclassification Advice Edit Criteria

Spend Qualified Indicator Reclassification Reason Positions: 144-146 Length: 3 Format: AN	Description: The code identifying the reclassification reason when the Spend Qualified Indicator (SQI) submitted by the acquirer does not match the SQI used to process the transaction. See <i>BASE II Clearing Data Codes</i> for the listing of these codes. This field will contain zeros if the SQI reclassification did not occur. This field is left-justified and filled with trailing blanks.
Reserved Positions: 147-168 Length: 22 Format: n/a	Description: n/a

Chapter 4

TC 05 Draft Data Transactions

BASE II Sales Drafts TCR Delivery

For Sales Drafts, there are situations where BASE II either adds or drops a TCR, based on the service that is being used within a transaction.



A Sales Draft is defined as a transaction with one of these Transaction Codes: **05, 06, 07, 15, 16, 17, 25, 26, 27, 35, 36, or 37.**

BASE II Sales Drafts TCR 5

For all domestic U.S. transactions, and for Custom Payment Service transactions in countries that use this service, recipients always receive a TCR 5, whether or not a TCR 5 was included in the transaction when received by BASE II from the originator.

BASE II Undelivered TCRs

There are certain conditions where TCRs are not delivered to recipients.

- The TCR 3 is not delivered:
 - If Business Format Code = Original Credit (**CR**) **and** Transaction Code = **07, 17, 27, or 37.**
 - If Business Format Code = Airline, Passenger Itinerary (**AI**) **and** Transaction Code = **07, 17, 27, or 37.**
 - If Business Format Code = Airline, Ancillary Data (**AN**) **and** Transaction Code = **07, 17, 27, or 37.**
 - If Business Format Code = Lodging (**LG**) **and** Transaction Code = **07, 17, 27, or 37.**
 - If Business Format Code = Car Rental (**CA**) **and** Transaction Code = **07, 17, 27, or 37.**
 - If Business Format Code = Fleet (**FL**) **and** Transaction Code = **07, 17, 27, or 37.**
- The TCR 4 is not delivered if Business Format Code is **not** Promotion Data (**PD**) or Supplemental Data (**SD**) or Supplemental-Promotion Data (**SP**) or Dispute Financial Data (**DF**).
- The TCR 5 (Payment Service Data) is not delivered:
 - If Optional Issuer ISA Amount is present **and** Transaction Identifier = **zero and** Payment Service data is not included.
 - If CVV2 Result Code is present **and** Payment Service data is not included **or** Optional Issuer ISA Amount is present.
 - If Payment Service data is not included **and** MCC not = **6011 (ATM) and** Transaction Identifier = **zero.**

BASE II Draft Data Transactions

Draft data transactions are the most frequently used type of transaction in BASE II processing.

TCR 0, 1, 2, 3, 4, 5, 6, 7

CTF – Outgoing and Incoming Interchange

They are organized into four categories:

- Draft data transactions:
 - **Sales Draft (TC 05)**—Original purchase or dispute response financial
 - **Credit Voucher (TC 06)**—Original credit voucher or dispute response financial or original credit.
 - **Cash Disbursement (TC 07)**—Original cash disbursement/withdrawal or dispute response financial
- Dispute Financial:
 - **Dispute Financial, Sales Draft (TC 15)**—Purchase transaction dispute financial
 - **Dispute Financial, Credit Voucher (TC 16)**—Credit voucher transaction dispute financial or original credit dispute financial
 - **Dispute Financial, Cash Disbursement (TC 17)**—Cash disbursement/withdrawal transaction dispute financial
- Reversals:
 - **Reversal, Sales Draft (TC 25)**—Reversal of an original purchase or dispute response financial transaction
 - **Reversal, Credit Voucher (TC 26)**—Reversal of an original credit voucher/original credit transaction or dispute response financial transaction.
 - **Reversal, Cash Disbursement (TC 27)**—Reversal of an original cash disbursement/withdrawal transaction or a dispute response financial transaction.
- Dispute Financial Reversal:
 - **Dispute Financial Reversal of Sales Draft (TC 35)**—Reversal of a duplicate sales draft dispute financial
 - **Dispute Financial Reversal of Credit Voucher (TC 36)**—Reversal of a duplicate credit voucher dispute financial; or Reversal of a duplicate original credit dispute financial.
 - **Dispute Financial Reversal of Cash Disbursement (TC 37)**—Reversal of a cash disbursement/withdrawal or dispute financial

BASE II TCR Formats

TCR 0 is required as the first record in all transactions.

TCR 1 is required for all transactions involving:

- Incentive programs:
 - Custom Payment Service/PSIRF
 - U.S. EIRF
 - EPS original sales drafts (U.S. only)
- ATM transactions
- Other transactions requiring additional data in the TCR 1, for example, Direct Marketing transactions.

TCR 2 is used for National Settlement data in some countries.

TCR 3 is used for industry-specific data for passenger transport, lodging, and car rental merchants:

- In the U.S., TCR 3 is required for passenger transport transactions in EIRF and Custom Payment Service (CPS) programs.
- For intraregional EU and domestic EU transactions, TCR 3 is required in order to qualify for the EU Airline Interchange Reimbursement Fee (IRF).

Members with single or dual message systems can send and receive TCR 4 supplemental financial and promotion data. TCR 4 is used by all VROL Dispute Financials, Dispute Financial Reversals, Dispute Response Financials and Dispute Response Financial Reversals to provide data associated with VROL dispute processing. It is optional for all other transactions.

TCR 5 is used by Payment Service 2000 and CPS/ATM participants to provide payment service data. TCR5 fields are also being shared for VSDC, IRF program and the TID transmission.

TCR 6 is used for limited-use data. Currently, it is used in conjunction with commercial card transactions to provide additional information.

TCR 7 is used by VSDC participants to provide audit trail data for full data VSDC transactions.

TC 05 - TCR 0

These tables contain the Draft Data (TC 05, 06, 07, 15, 16, 17, 25, 26, 27, 35, 36, 37) record layout and edit criteria for TCR 0.

CTF - Outgoing and Incoming Interchange

Draft Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-20	16	UN	Account Number
21-23	3	UN	Account Number Extension
24	1	AN	Floor Limit Indicator
25	1	AN	CRB/Exception File Indicator
26	1	AN	Positive Cardholder Authorization Service (PCAS) Indicator
27-49	23	UN	Acquirer Reference Number
50-57	8	UN	Acquirer's Business ID
58-61	4	UN	Purchase Date (MMDD)
62-73	12	UN	Destination Amount
74-76	3	AN	Destination Currency Code
77-88	12	UN	Source Amount
89-91	3	AN	Source Currency Code
92-116	25	AN	Merchant Name
117-129	13	AN	Merchant City
130-132	3	AN	Merchant Country Code
133-136	4	UN	Merchant Category Code
137-141	5	UN	Merchant ZIP Code
142-144	3	AN	Merchant State/Province Code
145	1	AN	Requested Payment Service
146	1	AN	Number of Payment Forms
147	1	UN	Usage Code
148-149	2	UN	Reason Code
150	1	UN	Settlement Flag
151	1	AN	Authorization Characteristics Indicator
152-157	6	AN	Authorization Code
158	1	AN	POS Terminal Capability

Draft Data Record Layout

Position	Field Length	Format	Contents
159	1	AN	Reserved
160	1	AN	Cardholder ID Method
161	1	AN	Collection-Only Flag
162-163	2	AN	POS Entry Mode
164-167	4	UN	Central Processing Date (YDDD)
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Draft Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain the appropriate transaction code. 05 = Sales draft 06 = Credit voucher 07 = Cash disbursement 15 = Sales draft dispute financial 16 = Credit voucher dispute financial 17 = Cash disbursement dispute financial 25 = Sales draft reversal 26 = Credit voucher reversal 27 = Cash disbursement reversal 35 = Sales draft dispute financial reversal 36 = Credit voucher dispute financial reversal 37 = Cash disbursement dispute financial reversal Dispute response financial transactions must have the original transaction code.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain one of these values: 0 = Default 1 = Account Funding 2 = Original Credit This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.

Draft Data Edit Criteria

Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 0 (zero).
Account Number Positions: 5–20 Length: 16 Format: unpacked numeric	<p>Description: An issuer-assigned number that identifies a cardholder's account. The entry must be a 16-digit numeric. The first nine characters must be numeric. This field must contain a valid number from the BASE II ARDEF. The entire number must belong to an issuing identifier and pass the modulus-10 check digit algorithm as specified by the check-digit indicator in the ARDEF Table. The check-digit must be in the final position according to the account number length in the ARDEF entry. The field must be zero-filled to the right of an account number less than 16 digits in length.</p> <p>Edit Package Edit: For Plus International System account numbers (issuing identifier 400087) and other accounts where the ARDEF Account Restricted Use is A (ATM only), this must be an ATM transaction (TC 07 or 27) and Merchant Category Code 6011.</p> <p>VIC Edit: The Account Number must be the same as in the Authorization Response (V.I.P. Field 2 converted to unpacked numeric) in the following transactions:</p> <ul style="list-style-type: none"> • Custom payment service original purchase transactions and their reversals • CPS/ATM original ATM cash disbursement transactions and their reversals <p>VIC Edit: If multiple authorizations and/or an authorization reversal were submitted, this field must contain the Account Number from the first authorization response.</p> <p>For all reversals, disputes, dispute responses and their reversals This field must contain the same account number as the original transaction.</p> <p>Acquirer Note: This field may contain the Token for x5, x6, TCQ 0 transactions.</p>
Account Number Extension Positions: 21–23 Length: 3 Format: unpacked numeric	<p>Description: A three-digit extension of the account number that allows account numbers up to 19 digits. If the account number exceeds 16 digits, the extension field entry must be numeric, left-justified, and any remaining positions zero-filled.</p> <p>Outgoing: The Edit Package inserts zeros in the field if the Account Number is 16 digits or less (per the ARDEF Table).</p>

Draft Data Edit Criteria

Floor Limit Indicator Positions: 24 Length: 1 Format: alphanumeric	Description: Indicates if the transaction was above or below the merchant's floor limit for the date of the purchase. When the transaction is validated at the VIC, the VIC inserts the appropriate code in this field. Values: Space = Floor limit validation not performed I = Insufficient information to determine floor limit Z = Zero floor limit A = Above floor limit by more than 20% B = Below floor limit by more than 20% C = Above floor limit by 20% or less D = Below floor limit by 20% or less, or at the floor limit This edit applies to all presentments except credit vouchers.
CRB/Exception File Indicator Positions: 25 Length: 1 Format: alphanumeric	Description: Indicates that the account number on the card used in the transaction was listed in the Card Recovery Bulletin (for international transactions) or Exception File (for U.S. transactions) for the merchant's region on the date of the transaction. CRS evaluates the following transaction elements to determine the account status on the Visa card pickup bulletin: <ul style="list-style-type: none">• Account number• Mail/telephone indicator• Merchant location• Transaction date• Authorization code• Floor limit indicator The field applies to original sales drafts, cash disbursements. See <i>BASE II Clearing Data Codes</i> manual for a listing of valid codes. VIC Edit: The VIC returns original sales drafts if the Indicator has been set to Y .

Draft Data Edit Criteria

PCAS Indicator Positions: 26 Length: 1 Format: alphanumeric	<p>Description: Indicates that the transaction's authorization code was generated during Visa stand-in authorization (STIP-Stand-In Processor) using the Positive Cardholder Authorization Service (PCAS). CRS evaluates the following elements to determine the authorization status:</p> <ul style="list-style-type: none"> • Account number • Authorization code • Transaction date <p>When the transaction is validated at the VIC, the VIC inserts the appropriate code in TCR 0, field position 26, PCAS Indicator.</p> <p>The VIC inserts the appropriate code:</p> <p>Space = Unknown; no determination can be made. Does not imply that the authorization was issued by PCAS</p> <p>N = Authorization was not issued by PCAS</p> <p>This does not apply to credit vouchers, dispute financial of credit vouchers, reversals of sales drafts, and dipsute financial reversals of credit vouchers.</p>
Acquirer Reference Number Positions: 27–49 Length: 23 Format: unpacked numeric	<p>Description: A 23-digit identification number assigned by the acquirer and included in a Clearing Record.</p> <p>The ARN should be unique although duplicate ARNs will not be rejected.</p>
Format Code Positions: 27 Length: 1 Format: unpacked numeric	<p>Description: Code used to ensure a valid Visa Reference Number (see above). The entry must be either a 2 or a 7.</p> <p><i>Purchase dispute response financial:</i> (TC 05, Usage Code = 2) must contain a 7.</p> <p><i>Purchase dispute financial and reversals:</i> (TC 15, 25, and 35; Usage Code = 1 or 2) may contain either a 2 or 7.</p> <p><i>Credit vouchers and cash transactions:</i> (TC 06, 07, 16, 17, 26, 27, 36, and 37; Usage Code = 1 or 2) must contain a 7.</p> <p>National—CPS Participating Countries:</p> <p><i>Original purchase transactions:</i> (TC 05; Usage Code = 1) must contain a 2 in this field.</p> <p><i>Purchase dispute response financial:</i> (TC 05, Usage Code = 2) must contain either a 2 or 7.</p>
Acquiring Identifier Positions: 28–33 Length: 6 Format: unpacked numeric	<p>Description: Acquiring Identifier, a numeric used to identify an acquiring financial institution</p> <p>The entry must be a valid acquiring identifier per the current BIN Table. May be an issuing identifier for cash disbursements.</p>

Draft Data Edit Criteria

Date Positions: 34–37 Length: 4 Format: unpacked numeric	Description: A four-digit numeric in the format YDDD (year and Julian day). The date should be either the data capture date or the pre-edit program run date.
Film Locator Positions: 38–48 Length: 11 Format: unpacked numeric	Description: A number used to identify film records of the transaction. <i>Original Draft Transactions:</i> (TC 05, 06, and 07; Usage Code = 1) must not be zeros.
Check Digit Positions: 49 Length: 1 Format: unpacked numeric	Description: Digit used to validate the Acquirer Reference Number. The entry must be a valid standard modulus-10 check digit of the preceding 22 digits (positions 27–48).
Dispute Response Financials, Dispute Financials, Reversals, Dispute Financials Reversals Positions: n/a Length: n/a Format: n/a	Description: The field must be the same as in the original transaction unless a correction is required for resolution of a dispute response financial or dispute financial.
Acquirer's Business ID Positions: 50–57 Length: 8 Format: unpacked numeric	Description: Contains the Visa-assigned business ID of the acquirer that signed the merchant for processing purchase or mail/phone order transactions. In this case, the acquirer is referred to as the Merchant Sponsor. The entry must be numeric. U.S. acquirers must provide this field on all original presentments. For dispute financials, dispute response financial, retrieval requests, and fraud advices, U.S. issuers must retain and return the Acquirer's Business ID if it was provided by the acquirer.

Draft Data Edit Criteria

Purchase Date Positions: 58–61 Length: 4 Format: unpacked numeric	<p>Description: Date the purchase transaction was made. For dispute response financial, the field must be the same as in the original transaction.</p> <p>The entry must be a four-digit numeric (which may be zeros) in the format MMDD (month and day). Four zeros (0000) must be used only if the date is unavailable or illegible. (See <i>Visa Core Rules and Visa Product and Service Rules</i>.)</p> <p>For originals only, the entry may not be greater than the Edit Package run date. The entry may not be older than 11 months from the Edit Package run date. For example, if the run date is May 1, the Purchase Date can be no older than June 2 of the previous year. The Purchase Date must not be zeros for CPS original purchase transactions and their reversals, or for Pre-PS2000 original purchase transactions and their reversals.</p> <p>For originals only, the entry may not be greater than the Edit Package run date. The entry may not be older than 11 months from the Edit Package run date. For example, if the run date is May 1, the Purchase Date can be no older than June 2 of the previous year.</p> <p>The Purchase Date must not be zeros for CPS original purchase transactions and their reversals, or for Pre-PS2000 original purchase transactions and their reversals.</p> <p>CPS/Retail (including key-entered), CPS/Restaurant, CPS/Passenger Transport, CPS/Automated Fuel Dispenser, and CPS/ATM: The Purchase Date must be within one calendar day of the authorization date on original purchase transactions and their reversals or original ATM cash disbursement transactions and their reversals.</p> <p>CPS/Card Not Present, CPS/Direct Marketing: The Purchase Date must be within one calendar day before the authorization date and seven calendar days after the authorization date on original purchase transactions and their reversals. ATM originals must not contain zeros in this field.</p> <p>VIC Edit: For original purchase transactions to qualify for the International Pre-PS2000 or CEMEA Electronic IRF, the Purchase Date must not be more than three days before the BASE II Central Processing Date excluding the transaction date, the central processing date, and Sundays.</p> <p>VIC Edit, CPS/ATM: To qualify for Tier II, the Purchase Date on original ATM cash disbursement transactions must not be more than three calendar days before the BASE II Central Processing Date, excluding the transaction date, central processing date, and Sundays.</p> <p>National—Mexico National Net Settlement: Original purchases and their reversals must not contain zeros in this field.</p> <p>VIC Edit, National—Brazil: For original purchase transactions to qualify for PSIRF for CPS/Retail, CPS/Restaurant, and CPS/Direct Marketing, the Purchase Date must not be more than two business days before the BASE II Central Processing Date, excluding the transaction date, the Central Processing Date, Sundays, and official public holidays within the participating countries.</p> <p>VIC Edit, National—Mexico National Net Settlement: For original purchase transactions to qualify for the electronic rate, the Purchase Date must not be more than two business days before the BASE II Central Processing Date, excluding the transaction date, the central processing date, Sundays, and Mexican holidays.</p>
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Draft Data Edit Criteria

<p>Purchase Date (continued)</p> <p>Positions: 58–61</p> <p>Length: 4</p> <p>Format: unpacked numeric</p>	<p>VIC Edit, National-UK: In order to qualify for the domestic Airline IRF, for U.K. domestic airline transactions, the central processing date (CPD) of the airline transaction must be no more than 10 days from the transaction date, excluding the purchase date, CPD, Sundays, and U.K. holidays.</p> <p>VIC Edit, Intraregional EU and Domestic EU:</p> <ul style="list-style-type: none"> • In order to qualify for the EU Airline IRF, for intraregional airline transactions, the central processing date (CPD) of the airline transaction must be no more than 15 days from the transaction date, excluding the purchase date, CPD, and Sundays. • For original purchase transactions to qualify for Electronic Authorized (EA), Electronic Data Capture (EDC) or Electronic Commerce. The transaction must clear within three days, excluding purchase date, CPD, and Sundays. <p>VIC Edit, National—U.S.: The following edits exclude the transaction date, the central processing date, Sundays, and U.S. holidays.</p> <ul style="list-style-type: none"> • For EIRF original sales drafts, the purchase date must not be more than three business days before the BASE II Central Processing Date. <p>The following edits exclude Sundays and holidays.</p> <ul style="list-style-type: none"> • For EPS original sales drafts, the Purchase Date must not be more than three days before the acquirer's Edit Package processing date, excluding the transaction date. If the third day is a Saturday, the last qualifying processing day is Sunday. <p>The following edits exclude the transaction date, the central processing date, Sundays, and U.S. holidays.</p> <ul style="list-style-type: none"> • For original purchase transactions to qualify for Supermarket IRF or the PSIRF for CPS/Retail, CPS/Hotel (Card Present), CPS/Hotel (Card Not Present), CPS/Car Rental (Card Present), CPS/Car Rental (Card Not Present), CPS/Automated Fuel Dispenser, and CPS/Card Not Present, the Purchase Date must not be more than two business days before the BASE II Central Processing Date. <p>The following edit excludes the transaction date, the central processing date, Sundays, and Airline Reporting Corporation (ARC) holidays.</p> <ul style="list-style-type: none"> • For original purchase transactions to qualify for the CPS/Passenger Transport PSIRF, the Purchase Date must not be more than eight business days before the BASE II Central Processing Date. <p>Dispute Response Financials, Dispute Financials, Reversals, Dispute Financial Reversals: The entry must be all zeros or a four-digit numeric in the format MMDD (month and day).</p>
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Draft Data Edit Criteria

Destination Amount Positions: 62–73 Length: 12 Format: unpacked numeric	<p>Description: Identifies the submitted transaction amount in the currency that is appropriate to the destination endpoint. For most transactions (drafts), it is the billing amount. For other transactions (e.g., fee collections, dispute financials), it is the settlement amount of the destination.</p> <p>Outgoing: The field must contain zeros. The VIC converts the Source Amount to the Destination Amount. Two decimals are implied.</p> <p>Incoming: The field will contain a numeric value greater than zero. For presentments and reversals, the field will contain the Billing Amount in the issuer's billing currency. For National Settlement, it contains the same value as the Source Amount.</p> <p>Dispute Financials Incoming: The field will contain a numeric value greater than zero. The field will contain the Source Amount converted, if necessary, to the acquirer's settlement currency. For National Settlement, it will contain the same value as the Source Amount.</p>
Destination Currency Code Positions: 74–76 Length: 3 Format: alphanumeric	<p>Description: The currency type presented to the member on incoming transactions. For most transactions (that is, drafts), it is the billing currency. For other transactions (for example, fee collection, dispute financials), it is the settlement currency of the destination.</p> <p>Outgoing: The field must contain spaces. The VIC inserts the Destination Currency Code. Incoming: The field will contain the ISO numeric code for the destination amount. For presentments, the field will contain the issuer's Billing Currency Code. For National Settlements, it will contain the same value as the Source Currency Code.</p> <p>Dispute Financials Incoming: The field will contain the acquirer's center Settlement Currency Code. For National Settlement, it will contain the same value as the Source Currency Code.</p>

Draft Data Edit Criteria

Source Amount Positions: 77–88 Length: 12 Format: unpacked numeric	<p>Description: The purchase value in transaction currency; two decimal places are implied. The entry must be a numeric greater than zero.</p> <p>VIC Edit: The value of member-originated financial transactions must be greater than or equal to U.S.\$,005.</p> <p>If the Source Currency Code is an ISO currency defined with zero minor units (for example, 392 Japanese Yen), the Source Amount must contain zeros in the last two positions; otherwise, the draft data transaction will be returned with an Invalid Source Amount message.</p> <p>VIC Edit, National—U.S.: For U.S. domestic Purchasing large-ticket card and Corporate large-ticket card transactions, the value must be less than or equal to U.S. \$10,000,000.00.</p> <p>Dispute Financials, Dispute Financial Reversals For dispute financials and dispute financial reversals (unless it is a National Interchange transaction), this field must be in the billing currency presented to the issuer by BASE II. The minimum dispute financial amount applies to Dispute Reason Codes. Refer to <i>BASE II Clearing Data Codes</i> manual for the Dispute Reason Codes.</p> <p>If the Source Currency is U.S. Dollars, the Edit Package rejects the transaction if the Source Amount is less than the minimum amount valid for the dispute reason code. If the Source Currency is in any other currency, the VIC converts the Source Amount to U.S. Dollars and returns the transaction if the converted amount is less than the minimum amount for the dispute reason code.</p>
Source Currency Code Positions: 89–91 Length: 3 Format: alphanumeric	<p>Description: Currency code used in the transaction.</p> <p>Outgoing: The field must contain spaces or a valid currency ISO numeric code. If the field contains spaces, the Edit Package inserts the Currency Code associated with the Merchant Country Code. If the Settlement Flag is 6, 7 (valid only for Latin America and Caribbean, not valid for original presentments after June 1, 1996), or 8 (National Interchange), the Source Currency Code must equal that of the merchant's local currency, except for national settlement services that involve multiple currencies. The Source Currency Code must be the same as the currency code in the draft transaction, or in the case of an ATM transaction, the same as the currency dispensed. This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.</p> <p>Dispute Financials The field must contain a valid issuer's billing currency code.</p>

Draft Data Edit Criteria

Merchant Name Positions: 92–116 Length: 25 Format: alphanumeric	<p>Description: Name of the merchant in the original transaction. The first position in this field cannot be a space.</p> <p>VIC Edit: Entries must not exceed 25 characters. For entries less than 25, space-fill after the last character. Refer to the <i>Visa Core Rules and Visa Product and Service Rules</i> for any special requirements regarding the use of the Merchant Name field.</p> <p>Note: Some airline fee programs may require the original ticket number (ticket identifier) or the ancillary service description in positions 13 through 25 of the merchant name.</p> <p>Note: VisaPhone transactions (MCC 4815) must be in the following format:</p> <p>Dispute Response Financials The field must be the same as in the original transaction unless a correction is required to resolve a dispute financial.</p> <p>Dispute Financials, Reversals The entry must be the same as in the original transaction.</p>
Merchant City Positions: 117–129 Length: 13 Format: alphanumeric	<p>Description: Merchant city, telephone number, email address, or URL (see specifics below). The first position in this field cannot be a space. The field must be space-filled to the right.</p> <ul style="list-style-type: none">• National—U.S.: The telephone number must be left-justified and contain three numeric values followed by a hyphen and at least seven more nonblank characters. To qualify for the CPS/Card Not Present PSIRF, this field must contain a merchant's customer service telephone number. Or, if the MOTO/ECI value is 2, 5, 6, or 7, this field must contain a URL or an email address. If the MCC is 4816, this field must contain a URL or an email address and the MOTO/ECI can be any value except 8 or 9.• National—Brazil: The telephone number must be left-justified and contain a numeric value in the first position. <p>Dispute Response Financials The field must be the same as in the original transaction unless a correction is required to resolve a dispute financial issue.</p> <p>Dispute Financials, Reversals The field must be the same as in the original transaction.</p>

Draft Data Edit Criteria

Merchant Country Code Positions: 130–132 Length: 3 Format: alphanumeric	<p>Description: Code indicating country where the Visa transaction occurred, regardless of the location of entry to the system. The field is critical for the proper processing of all transactions. It is one of the criteria for definition of an international transaction, which affects editing of other fields, reimbursement fee calculations, and BASE II processing charges.</p> <p>The entry must be a valid BASE II code. The first two characters must be the country code; the third character must be a space. See <i>BASE II Clearing Data Codes</i> for the valid Country Codes.</p> <p>This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.</p> <p>Dispute Response Financials, Dispute Financials, Reversals This field must contain the Merchant Country Code from the original presentment unless a new code has been assigned for that country or a correction is required to resolve a dispute financial issue.</p>
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Draft Data Edit Criteria

<p>Merchant Category Code</p> <p>Positions: 133–136</p> <p>Length: 4</p> <p>Format: unpacked numeric</p>	<p>Description: Indicates merchant's type of business product or service. The field must contain a valid four-digit numeric Merchant Category Code (MCC). For Reimbursement Attribute 1, 2, G, or H, the entry must be 6011.</p> <p>National—U.S.:</p> <ul style="list-style-type: none"> • MCCs 5962, 5966, and 5967 cannot be submitted with Reimbursement Attribute A, D or J. • MCCs 5962 or 5964 – 5969 cannot be submitted with a Requested Payment Service (RPS) of A, an Authorization Characteristic Indicator (ACI) of A or E, and a POS Entry Mode of 01 or 10. • Only MCC 5411 is valid on Supermarket transactions (Reimbursement Attribute 4). <p>VIC Edits:</p> <ul style="list-style-type: none"> • MCC 6010 and 6011 are invalid for original sales drafts and credit vouchers and their reversals. • For custom payment service original purchase transactions and their reversals, this field must have the same contents as in the Authorization Request (V.I.P. Field 18 converted to unpacked numeric). If multiple authorizations and/or an authorization reversal were submitted, this field must contain the Merchant Category Code from the first authorization response. • For the CPS/Automated Fuel Dispenser custom payment service, the MCC must be 5542. • For the CPS/ATM custom payment service, the MCC must be 6011. <p>VIC Edit, National—Brazil:</p> <ul style="list-style-type: none"> • To qualify for the CPS/Retail-Petrol PSIRF, the MCC must be 5541. • To qualify for the CPS/Restaurant PSIRF, the MCC must be 5812 or 5814. <p>VIC Edit, National—U.S.: Only MCCs 7523, and 7832 are valid on EPS transactions (Reimbursement Attribute 3).</p> <p>VIC Edit, National—Malaysia and Macau: Only MCCs 5814, 4784 and 7832 are valid on EPS transactions (Reimbursement Attribute 3).</p> <p>VIC Edit, National—Hong Kong*, Australia, New Zealand, Thailand, India and Indonesia: Only MCCs 4784, 5813, 7523, and 7832 are valid on EPS transactions (Reimbursement Attribute 3). *MCC 8062 is also valid for EPS transactions as of August 17, 2002.</p> <p>VIC Edit, Intraregional AP: Only MCCs 4784, 5814, 7523 and 7832 are valid on EPS transactions (Reimbursement Attribute 3).</p> <p>Note: See the <i>Visa Core Rules and Visa Product and Service Rules</i> or the <i>Visa Merchant Data Standards Manual</i> for valid codes.</p> <p>Dispute Financials, Dispute Financial Reversals The field must be the same as in the original transaction.</p>
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Draft Data Edit Criteria

<p>Merchant ZIP Code</p> <p>Positions: 137–141</p> <p>Length: 5</p> <p>Format: unpacked numeric</p>	<p>Description: Postal code of the merchant where the transaction took place. The entry must be numeric; may be zeros.</p> <p>National—U.S.: The entry may not be zeros for originals or reversals of CPS or EIRF draft (TC 05, 25).</p> <p>VIC Edit, National—U.S.: The entry may not be zeros for original or reversal EPS or Supermarket sales drafts.</p> <p>Dispute Response Financials, Dispute Financial The field should be the same as in the original transaction.</p>
<p>Merchant State/Province Code</p> <p>Positions: 142–144</p> <p>Length: 3</p> <p>Format: alphanumeric</p>	<p>Description: If the Merchant Country Code is US or CA, this field must contain a valid U.S. State Code or Canadian Province Code, respectively. Otherwise, it must contain spaces.</p> <p>Dispute Response Financials, Dispute Financials The field should be the same as in the original transaction.</p>
<p>Requested Payment Service</p> <p>Positions: 145</p> <p>Length: 1</p> <p>Format: alphanumeric</p>	<p>Description: Codes for dual-message acquirers that define their choice of a specific custom payment service in the deferred clearing transaction. The requested payment service indicates that the acquirer complied with the selected CPS authorization and clearing rules.</p> <p>Originals and Reversals of Originals</p> <p>Original purchases and credit vouchers and their reversals from acquirers in CPS participating countries must contain a valid value. Refer to the <i>BASE II Clearing Data Codes</i> for a list of valid codes.</p> <p>Original ATM cash disbursements and their reversals should contain one of these values:</p> <p>Space = not a CPS transaction</p> <p>9 = CPS/ATM</p> <p>VIC Edit: For purchase transactions occurring at merchants in non-CPS participating countries, BASE II will insert a space in this field.</p> <p>VIC Edit, ATM: If the Authorization Characteristics Indicator does not contain a value of E, BASE II will insert a space in this field and an N in the Authorization Characteristics Indicator field.</p> <p>VIC Edit: For manual cash transactions, BASE II will insert a space in this field.</p> <p>For valid combinations of the Requested Payment Service and Authorization Characteristics indicator fields please see <i>BASE II Clearing Data Codes</i>.</p> <p>Not all Requested Payment Service options are available in some CPS participating countries.</p> <p>Dispute Response Financials, Dispute Financials This field must be the same as in the original transaction.</p> <p>For valid combinations of the Requested Payment Service and Authorization Characteristics indicator fields, refer to <i>BASE II Clearing Data Codes</i>.</p> <p>Not all Requested Payment Service options are available in some CPS participating countries.</p>

Draft Data Edit Criteria

Number of Payment Forms Positions: 146 Length: 1 Format: alphanumeric	Description: This field indicates the number of forms of payment on a Split Tender Transaction. VIC Edit: If an invalid value is received in this field, the BASE II VIC will space-fill the field. Values: ^(space) 1 through 9 + (Plus) for values greater than 9 .
Usage Code Positions: 147 Length: 1 Format: unpacked numeric	Description: Indicates whether this is the first presentment or second. The entry will be 1 on original transactions or 9 for dispute financial transactions. Values: 1 = First presentment 9 = dispute financial This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Reason Code Positions: 148–149 Length: 2 Format: unpacked numeric	Description: Used on dispute financials and dispute response financials to indicate reason for them (for example, fraud). For originals and reversals of originals, the field must contain 00 . Dispute Financials, Dispute Financial Reversals The field must contain a valid two-digit numeric dispute reason code that corresponds to the dispute right. Refer to the <i>BASE II Clearing Data Codes manual</i> for valid dispute reason codes. Dispute Response Financials, Dispute Response Financial Reversals This field must contain a two-digit numeric. Dispute response financials must contain the same code as the dispute financial.

Draft Data Edit Criteria

Settlement Flag Positions: 150 Length: 1 Format: unpacked numeric	<p>Description: Indicates the service used for settlement. The field must contain 0, 3, 8, or 9 per the permitted entries shown below. If the entry is 8, the Source Currency Code must be the currency of the national settlement service.</p> <p>National—U.S.: The field must contain a 0, 3, or 9.</p> <p>National—Japan: This field must contain a 0, 8, or 9. If this field contains an 8 on purchase and credit transactions, a TCR 2 must be present.</p> <p>National—Mexico: This field must contain a 0, 8, or 9. If this field contains an 8 on purchase and credit transactions, a TCR 2 must be present.</p> <p>National—Sweden: The field must contain a 3 or 8 and a TCR 2 must be present.</p> <p>Note: This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.</p> <p>0 = International settlement service</p> <p>3 = Clearing-only (valid only for countries with defined service)</p> <p>8 = National Net settlement service (valid only for countries with defined service)</p> <p>9 = BASE II selects the appropriate settlement service based on routing and country-defined default</p> <ul style="list-style-type: none">• The card (ARDEF) range for this account must be designated as clearing-only and reside in the same country as the source identifier.• Entries for the Source and Destination identifiers and account number fields will be edited the same as for non-clearing-only transactions.• Source Currency code must be valid.• Merchant Country Code must be valid.• Source Amount must be numeric.• Account Number must be valid.• Account Number Extension must be numeric.• Acquirer Reference Number must be valid.• Usage Code must be valid.• Central Processing Date must be valid.
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Draft Data Edit Criteria

Authorization Characteristics Indicator Positions: 151 Length: 1 Format: alphanumeric	<p>Description: Code used by the acquirer to request CPS qualification.</p> <p>Originals and Reversals of Originals Purchases and credit vouchers from CPS participating countries must contain a valid value. Refer to the <i>BASE II Clearing Data Codes</i> manual for a list of valid codes.</p> <p>Original ATM cash disbursements and their reversals should contain one of these values: T, N or space = Not a payment service transaction E = Card present with merchant name and location data X = Disqualified custom payment service transaction (inserted by BASE II)</p> <p>VIC Edit, ATM: If the Authorization Characteristics Indicator does not contain a value of E, BASE II will insert an N in this field and a space in the Requested Payment Service field.</p> <p>VIC Edits:</p> <ul style="list-style-type: none">• For manual cash transactions, BASE II will insert an N in this field.• For purchase transactions and credit vouchers occurring at non-CPS participating countries, BASE II will insert N in this field.• The Authorization Characteristics Indicator must be the same as in the Authorization Response (V.I.P. Field 62.1) in custom payment service original purchase transactions and their reversals and CPS/ATM original ATM cash disbursement transactions and their reversals. <p>All non-CPS original and reversal transactions submitted with the ACI = T requires the Transaction Identifier (VIP field 62.2) and Validation Code (VIP field 62.3) from the Authorization.</p> <ul style="list-style-type: none">• If multiple authorizations and/or an authorization reversal were submitted, this field must contain the Authorization Characteristics Indicator from the first authorization response. <p>Dispute Financials and Dispute Response Financials Must be a valid value or a space. For valid combinations of the Requested Payment Service and Authorization Characteristics Indicator, refer to the <i>BASE II Clearing Data Codes</i> manual.</p>
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Draft Data Edit Criteria

<p>Authorization Code</p> <p>Positions: 152–157</p> <p>Length: 6</p> <p>Format: alphanumeric</p>	<p>Description: A code that an issuer, its authorizing processor, or Stand-In Processing (STIP) provides to indicate approval of a transaction. The code is returned in the Authorization Response and is usually recorded on the Transaction Receipt.</p> <p>The field must contain a six-position Authorization Code. Allowed entries are:</p> <ul style="list-style-type: none"> • Spaces • A through Z • 0 through 9 <p>Failure to pass this edit will result in the transaction being returned.</p> <p>Note: In addition to the edit for the allowed entries that determines the validity of a transaction, the following entries indicate that the transaction is considered unauthorized by the issuer (as defined in the <i>Visa Core Rules and Visa Product and Service Rules</i>):</p> <p>Note: SVCxxx (where xxx is the service code from the magnetic stripe)</p> <p>00000 (in the last five positions of the field) ^^^^^ (in the last five positions of the field)</p> <p>0000N (in the last five positions of the field)</p> <p>0000^ (in the last five positions of the field)</p> <p>0000P (in the last five positions of the field)</p> <p>0000Y (in the last five positions of the field) An</p> <p>X (in the last position of the field) (^ = space)</p> <p>National—U.S.: 0000Y is invalid in the last five positions for EPS, and Supermarket original sales drafts and their reversals.</p> <p>VIC Edit: For custom payment service original purchase transactions and their reversals, the Authorization Code must be the same as in the Authorization Response (V.I.P. Field 38). If multiple authorizations and/or an authorization reversal were submitted, this field must contain the Authorization Code from the first authorization response.</p> <p>VIC Edit, National—Germany: In order to qualify for Airline IRF, the last 5 digits must not be 0000N, 0000Y, 00000, 0000^, or ^^^^^.</p> <p>VIC Edit, Intraregional EU and Domestic EU: In order to qualify for Airline IRF, the last 5 digits must not be 0000N, 0000Y, 00000, 0000^, ^^^^^, SVCXXX, 0000P, or X in the last position.</p> <p>Note: National—U.K.: Only authorized transactions may qualify for the CNP '94 IRF rates.</p> <p>International Pre-PS2000 or Hungary Domestic: A transaction will be returned or reclassified if this field contains any of these values:</p> <p>^^^^^ (in the last five positions of the field) 00000 (in the last five positions of the field) 0000^ (in the last five positions of the field) 0000N (in the last five positions of the field) (^ = space)</p>
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Draft Data Edit Criteria

POS Terminal Capability Positions: 158 Length: 1 Format: alphanumeric	<p>Description: Indicates the capability of the point-of-sale (POS) terminal (for example, terminal was not used, terminal can read magnetic stripe, terminal can read chip, etc.) The field must contain a space, 0 through 5, 8, or 9. Refer to the <i>BASE II Clearing Data Codes</i> manual for a list of valid codes.</p> <p>For CPS Participating Countries: If ACI = M, P, R, or V, this field may contain any valid value. Otherwise, CPS originals and their reversals, except CPS/ATM, must contain a 2 through 5 or 9. CPS credit vouchers may contain a space.</p> <p>For CPS/ATM transactions: CPS/ATM may contain any valid value.</p> <p>National—U.S.: EIRF originals and their reversals must contain 0 through 5, 8, or 9. EIRF credit vouchers may contain a space. Contactless original transactions must contain 8.</p> <p>VIC Edit, National—U.S.: EPS and Supermarket originals and reversals must contain 2 through 5, 8, or 9.</p> <p>Dispute Response Financials, Dispute Financials The entry is not required, but if it is present it must be a valid value.</p>
Reserved Positions: 159 Length: 1 Format: alphanumeric	<p>Description: This field is reserved for future use. EP will always space-fill.</p>

Draft Data Edit Criteria

Cardholder ID Method Positions: 160 Length: 1 Format: alphanumeric	<p>Description: Indicates method used to identify cardholder (e.g., signature, Personal Identification Number (PIN), etc.). The field must contain a space or 1 through 4. Refer to the <i>BASE II Clearing Data Codes</i> manual for a list of valid codes.</p> <p>National—Brazil:</p> <ul style="list-style-type: none">• CPS/Retail and CPS/Restaurant originals and their reversals must contain a 1.• CPS/Direct Marketing originals and their reversals must contain a 4. <p>National—U.S.:</p> <ul style="list-style-type: none">• EIRF originals and their reversals (except those reclassified CPS/Auto Rental (Card Not Present), CPS/Hotel (Card Not Present), and CPS/ Passenger Transport) must contain 1 through 4.• CPS/Retail, CPS/Hotel (Card Present), CPS/Car Rental (Card Present) originals and their reversals must contain a 1 through 3.• CPS/Card Not Present originals and their reversals must contain a 4.• CPS/Automated Fuel Dispenser originals and their reversals must contain a 3.• CPS/Hotel (Card Not Present), CPS/Car Rental (Card Not Present) originals and their reversals must contain a space or a 1.• CPS/Passenger Transport originals and their reversals must contain a space or 1 through 4.• Custom payment service and EIRF credit vouchers may contain a space. <p>VIC Edit, National—U.S.: EPS and Supermarket originals and reversals must contain 1 through 3.</p> <p>Dispute Response Financials, Dispute Financials The entry is not required, but if it is present it must be a space or one of the permitted values.</p>
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Draft Data Edit Criteria

Collection-Only Flag Positions: 161 Length: 1 Format: alphanumeric	<p>Description: Flag indicating if this transaction is being submitted for collection only. The field must contain a space or C. An entry of C indicates that this is an intraprocessor transaction being submitted for collection only. Such transactions are not interchanged or settled.</p> <p>If a C is entered, these edit criteria apply:</p> <ul style="list-style-type: none">• Entries for Source and Destination identifiers, and account number fields must be the same as for non-collection-only transactions.• The Source Currency Code must be spaces or a valid currency. If spaces are entered, the Merchant Country Code must be valid.• The Destination Amount must be zero.• The Destination Currency Code must be spaces.• The following fields must be numeric:<ul style="list-style-type: none">– Acquirer Reference Number– Acquirer's Business ID– Purchase Date– Merchant Category Code– Reason Code– Central Processing Date– Settlement Flag– Source Amount
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Draft Data Edit Criteria

POS Entry Mode Positions: 162–163 Length: 2 Format: alphanumeric	<p>Description: A V.I.P. System field indicating the method by which a point-of-transaction terminal obtains and transmits the cardholder information necessary to complete a Transaction.</p> <p>This entry must be spaces, 00 through 07, 10, 90, 91 or 95.</p> <p>VIC Edits: For custom payment service original purchase transactions and their reversals, this field must have the same contents as in the Authorization Request (V.I.P. Field 22.1, converted to unpacked numeric). If multiple authorizations and/or an authorization reversal were submitted, this field must contain the POS Entry Mode from the first authorization response.</p> <p>VIC Edit, Asia Pacific Region: For transactions submitted requesting the EIRF rate this field must contain a value of 90.</p> <p>VIC Edit, National—Mexico National Net Settlement: For transactions submitted at the electronic rate, this field must contain a value of 02 or 90.</p> <p>VIC Edit, National—U.S.: EIRF originals and reversals must contain a space, 00 through 06, 10, or 90. EPS transactions must contain 01 through 06, 10, or 90.</p> <p>This field must contain a 90 if custom payment service original transactions and their reversals meet the following criteria:</p> <ul style="list-style-type: none">• The Requested Payment Service (RPS) = A, C, D, 1, 2 (not valid for original transactions), 4, 6, or 8.• The Authorization Characteristic Indicator (ACI) is A or E.• The Reimbursement Attribute (RA) = A or 4, POS EM must be 90. <p>VIC Edit, National—U.K.: CNP '94 original sales drafts must contain 01.</p> <p>Please refer to the <i>BASE II Clearing Data Codes</i> manual for a list of valid codes.</p> <p>Dispute Response Financials, Dispute Financials The entry must be a valid value for the transaction type.</p>
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Draft Data Edit Criteria

<p>Central Processing Date</p> <p>Positions: 164-167</p> <p>Length: 4</p> <p>Format: unpacked numeric</p>	<p>Description: The date that BASE II processes this transaction or item. This field is used to ensure that the correct currency conversion rates are used.</p> <p>Outgoing: The VIC inserts the Central Processing Date.</p> <p>Incoming: The field contains the date format YDDD (year and day).</p> <p>Originals, Dispute Response Financials, Dispute Financials VIC Edit: The entry must be numeric. The VIC will insert the Central Processing Date in the YDDD format.</p> <p>Reversals, Dispute Financial Reversals VIC Edit: The entry must be numeric. The entry cannot be a future date. The field must contain the Central Processing Date (in the YDDD format) of the transaction being reversed.</p>
<p>Reimbursement Attribute</p> <p>Positions: 168</p> <p>Length: 1</p> <p>Format: alphanumeric</p>	<p>Description: This field must contain A through Z or 0 through 9.</p> <p>If 1, 2, G, or H is entered, the Merchant Category Code must be 6011 and the transaction must be a cash disbursement (TC 07, 17, 27, 37).</p> <p>If a 6, 7, or J is entered, the transaction cannot be a cash disbursement (TC 07, 17, 27, and 37).</p> <p>If a 7 is entered, the transaction cannot be an original purchased or credit voucher except in the EU region.</p> <p>If 8, 9, A, B, C, or J is entered, the transaction must be a sales draft (TC 05, 15, 25, 35) or a credit voucher (TC 06, 16, 26, 36).</p> <p>If A is entered, the transaction must be participating in a custom payment service (that is, the Authorization Characteristics Indicator cannot equal N).</p> <p>Regional—CEMEA: If C is entered, the MCC must be classified as an International Airline.</p> <p>VIC Edit, Intraregional EU and Domestic EU: C is valid for all airline MCCs for domestic and intraregional airline transactions.</p> <p>National—U.S.:</p> <ul style="list-style-type: none"> • If 4 is entered, the Merchant Category Code must be 5411. • MCCs 5962, 5966, and 5967 cannot be submitted with a Reimbursement Attribute of A, D or J. • Transactions from U.S. acquirers for nonsecured electronic commerce (Moto/EC Indicator 8) must contain Reimbursement Attribute 0. <p>VIC Edit: If A is entered, the transaction must meet all qualification criteria for the PSIRF rate.</p> <p>VIC Edit, National—U.S.: If 3 is entered, the Merchant Category Code must be valid for EPS transactions.</p> <p>VIC Edit, Regional—Asia Pacific:</p> <ul style="list-style-type: none"> • A 7 is not valid on original transactions (TC 05, 06, 25, 26; usage code 1). • If 3 is entered, the Merchant Category Code must be valid for EPS transactions. <p>VIC Edit, National—Malaysia, Hong Kong, Macau, Australia, New Zealand, Thailand, India, and Indonesia: If 3 is entered, the Merchant Category Code must be valid for EPS transactions.</p> <p>Note: Refer to <i>BASE II Clearing Data Codes</i> for Reimbursement Attribute definitions.</p>

TC 05 - TCR 1 Additional Data

These tables contain the Draft Data (TC 05, 06, 07, 15, 16, 17, 25, 26, 27, 35, 36, 37) record layout and edit criteria for TCR 1 - ADDITIONAL DATA.

CTF - Outgoing and Incoming Interchange

Draft Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5	1	AN	Business Format Code
6-7	2	AN	Token Assurance Level
8-16	9	AN	Reserved
17-22	6	UN	Reserved
23	1	AN	Documentation Indicator
24-73	50	AN	Member Message Text
74-75	2	AN	Special Condition Indicators
76-78	3	AN	Fee Program Indicator
79	1	AN	Issuer Charge
80	1	AN	Reserved
81-95	15	AN	Card Acceptor ID
96-103	8	AN	Terminal ID
104-115	12	UN	National Reimbursement Fee
116	1	AN	Mail/Phone/Electronic Commerce and Payment Indicator
117	1	AN	Special Chargeback Indicator
118-121	4	AN	Conversion Date
122-123	2	AN	Reserved
124	1	AN	Acceptance Terminal Indicator
125	1	AN	Prepaid Card Indicator

Draft Data Record Layout

Position	Field Length	Format	Contents
126	1	AN	Service Development Field
127	1	AN	AVS Response Code
128	1	AN	Authorization Source Code
129	1	AN	Purchase Identifier Format
130	1	AN	Account Selection
131–132	2	AN	Installment Payment Count
133–157	25	AN	Purchase Identifier
158–166	9	UN	Cashback
167	1	AN	Chip Condition Code
168	1	AN	POS Environment

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Draft Data Edit Criteria

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description: The field must contain the appropriate transaction code. It must be the same as the transaction code in the TCR 0. Dispute response financial transactions must have the original transaction code.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain one of these values: 0 = Default 1 = Account Funding 2 = Original Credit This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 1 .

Draft Data Edit Criteria

Business Format Code Positions: 5 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Token Assurance Level Positions: 6–7 Length: 2 Format: alphanumeric	Description: A value that allows the Token Service provider to indicate the trust level of the Token to PAN/cardholder. It is determined as a result of the type of identification and verification (ID & V) performed and the entity that performed it. If not used, should be space-filled.
Reserved Positions: 8–16 Length: 9 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Reserved Positions: 17–22 Length: 6 Format: unpacked numeric	Description: This field is reserved for future use. EP will always space-fill.
Documentation Indicator Positions: 23 Length: 1 Format: alphanumeric	Description: This is a 1-position code identifying the status of supporting documentation. For originals, the entry must be a space. Note: This field is required for international transactions. Dispute Response Financials, Dispute Financials The field must contain a space . Note: Space = No support documentation required Refer to <i>Visa Core Rules and Visa Product and Service Rules</i> . Reversals The entry must be the same as the transaction being reversed.

Draft Data Edit Criteria

Member Message Text Positions: 24–73 Length: 50 Format: alphanumeric	<p>Description: This field is used to send text messages. All members must be able to receive and process this field. If used, the entry must be left-justified. Characters must be EBCDIC.</p> <p>Note: See <i>BASE II Clearing Data Codes</i> for Dispute Reason Codes and <i>Visa Core Rules and Visa Product and Service Rules</i> for further information.</p> <p>National—Brazil: Tax ID: positions 24–37 (14 digits), Merchant Legal Name: positions 38–73.</p> <p>Payment Facilitator Data: Only for Payment Facilitator transactions</p> <ul style="list-style-type: none">• Position 24–34: Payment Facilitator ID• Position 35–49: Sub Merchant ID <p>Note: The member will not have any explicit field or flag to know whether the populated data is Payment Facilitator Data or Member Message Text sent by the member.</p>
Special Condition Indicators Positions: 74–75 Length: 2 Format: alphanumeric	<p>Description: This subfield supplies extra information regarding dispute financials (validation reject advices).</p> <p>The entry must begin with a space or 1, 2, or 3. The field's second position must be a space, F, H, L, 7, 8 or 9.</p> <p>National—U.S.: The above edit applies, but the second position cannot be an H.</p> <p>Note: See <i>BASE II Clearing Data Codes</i> for Special Condition Indicators.</p>

Draft Data Edit Criteria

Fee Program Indicator Positions: 76–78 Length: 3 Format: alphanumeric	<p>Description: This field contains an interchange reimbursement fee program indicator (FPI). This field is left-justified and space-filled. See <i>BASE II Clearing Data Codes</i> for a listing of the fee program indicators.</p> <p>Edit Package Outgoing Edit: If present, this field will be edited for valid alphanumeric values.</p> <p>VIC Edit, Domestic—U.S. and Canada: If this field in the transaction is blank, the VIC will move the fee program indicator for the fee program for which the transaction qualifies to this field. If the fee program indicator submitted in this field in the transaction does not match the fee program indicator for which the transaction qualifies, the VIC will replace the contents of this field with the assessed fee program indicator.</p> <p>VIC Edit, Intraregional AP and CEMEA and Domestic AP and CEMEA: If the transaction is submitted with a fee program indicator and the transaction does not qualify for the requested fee program, the VIC will replace the fee program indicator with spaces.</p> <p>VIC Edit, Inter-regional U.S., Canada, AP, CEMEA and LAC: If this field in the transaction is blank, the VIC will move the fee program indicator for the fee program for which the transaction qualifies to this field. If the fee program indicator submitted in this field in the transaction does not match the fee program indicator for which the transaction qualifies, the VIC will replace the contents of this field with the assessed fee program indicator.</p> <p>Incoming, Domestic—U.S. and Canada: This field will contain the fee program indicator for the fee program for which the transaction qualifies.</p> <p>Incoming, Intraregional AP and CEMEA and Domestic AP and CEMEA: This field will contain the fee program indicator for the requested fee program if the transaction qualifies for that fee program. If the transaction does not qualify for the requested fee program, the field value will be replaced with spaces.</p> <p>Incoming, Intraregional LAC and EU and Domestic LAC and EU: This field will contain spaces.</p> <p>Incoming, Inter-regional U.S., Canada, AP, CEMEA and LAC: This field will contain the fee program indicator for the fee program for which the transaction qualifies.</p> <p>Dispute Financials, Dispute Response Financials and their Reversals</p> <p>Domestic—U.S., Canada, AP and CEMEA: This field must be the same as in the previous transaction.</p> <p>Intraregional AP and CEMEA: This field must be the same as in the previous transaction.</p> <p>Inter-regional U.S., Canada, AP, CEMEA and LAC Acquired: This field must be the same as in the previous transaction.</p>
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Draft Data Edit Criteria

Issuer Charge Positions: 79 Length: 1 Format: alphanumeric	Description: This field is populated when International Service Assessment (ISA) has been assessed on the transaction. Values: Non-US Issuer S = ISA assessed Spaces = no charge assessed US Issuer R = ISA assessed and rebated S = ISA assessed on multicurrency transaction C = ISA assessed on single-currency transaction Spaces = no charge assessed
Reserved Positions: 80 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Card Acceptor ID Positions: 81–95 Length: 15 Format: alphanumeric	Description: Code that identifies the card acceptor operating the POS terminal. This field must contain an acquirer-assigned alphanumeric code that identifies the Card Acceptor. Unless provided by different entities, the Card Acceptor Identification code must be the same alphanumeric code in both the Authorization and Clearing messages. This field must not be all zeros or spaces. Dispute Financial This field must be retained and returned when it was provided in the original transaction. Dispute Response Financials This field must be retained and returned when it was provided in the dispute financial transaction.
Terminal ID Positions: 96–103 Length: 8 Format: alphanumeric	Description: Code that identifies the card acceptor terminal or ATM. For electronic point-of-sale or point-of-service (POS) terminals, when the ID is not unique to a specific terminal, Card Acceptor Identification Code can be used along with this field. ATM terminal IDs must be unique within the acquirer's network. An identification code of fewer than 8 positions must be left-justified and the remainder of the field space-filled. National—U.S.: This field is required if the Card Acceptor ID in a EIRF original does not fully identify the terminal. National—CPS Participating: This field is required and must identify a specific terminal if the card acceptor identified by the Card Acceptor ID in a custom payment service original has multiple terminals.

Draft Data Edit Criteria

National Reimbursement Fee Positions: 104–115 Length: 12 Format: unpacked numeric	Description: Numeric entry indicating a fee for a National Settlement transaction. It must be zeros unless the transaction is a National Settlement transaction for a country using this capability. Two decimal positions are implied. Implementation of this capability requires pre-notification to the Visa Regional office.
Mail/Phone/Electronic Commerce and Payment Indicator Positions: 116 Length: 1 Format: alphanumeric	Description: Indicates transaction performed by mail order, telephone, or electronic commerce. The field must contain a space or 1 through 9 . If the Merchant Category Code on an original transaction is 5960 , 5962 , or 5964 through 5969 , the entry cannot be a space, unless R is present in the POS Environment code (TCR1, position 168). See <i>BASE II Clearing Data Codes</i> for a list of valid codes. VIC Edit: This field must contain 1 , 2 , 3 , 5 , 6 , 7 , or 8 to qualify for CPS/Card Not Present or CPS/Direct Marketing PSIRF. National—U.S.: This field must contain 1 , 2 , 3 , 5 , 6 , or 7 to qualify for CPS/Card Not Present rate. National—U.S.: If Requested Payment Service is A and POS Entry Mode is 01 or 10 , this field must contain a space. Europe: This field must contain 8 or 9 to qualify for the secure MOTO fees.
Special Chargeback Indicator Positions: 117 Length: 1 Format: alphanumeric	Description: This subfield supplies extra information regarding dispute financials (validation requests and advices). Originals, Reversals of Originals The field must contain a space . Dispute Financials, Dispute Financial Reversals, Dispute Response Financials, Dispute Response Financial Reversals Note: Values are: Space = Field not applicable P = Partial amount
Conversion Date Positions: 118–121 Length: 4 Format: alphanumeric	Description: This field will contain the date of the currency file that was used to convert the currency and will be in the format of YDDD, where: <ul style="list-style-type: none"> • Y = year (1–9) • DDD = day (01–366)
Reserved Positions: 122–123 Length: 2 Format: alphanumeric	Description: This field will contain the value of 0 .

Draft Data Edit Criteria

Acceptance Terminal Indicator Positions: 124 Length: 1 Format: alphanumeric	Description: Indicates type of acceptance terminal. The field must contain a space , 1 through 5 or 9 . Values: Space = Not applicable to this transaction 1 = Unattended cardholder activated, no authorization, below-floor-limit transaction 2 = Unattended chip and PIN transactions (VE use only) 3 = Unattended cardholder activated, authorized transaction 4 = Remote Indicator (Remote Terminal) 5 = Unattended Consumer Device (LAC use only) 9 = Mobile Acceptance Solution VIC Edit: The field must contain 3 to qualify for CPS/Automated Fuel Dispenser.
Prepaid Card Indicator Positions: 125 Length: 1 Format: alphanumeric	Description: Indicates type of prepaid card. Values: Space = Not applicable P = Prepaid card L = Prepaid Load Note: For dispute financials and dispute response financials, the entry for this field should be the same as the original transaction.
Service Development Field Positions: 126 Length: 1 Format: alphanumeric	Description: Indicates type of commerce. This field should be numeric. Values: 0 = Not used 1 = Electronic Commerce 2 = In-Flight Commerce 5 = Transponder-Initiated 6 = Relationship Participant 7 = Deferred Billing Indicator Note: Effective 14 April 2007, Canadian Acquirers participating in the Address Verification Service populated the Address Verification Service results code received in the Base I Authorization Response message in a Transaction's corresponding Base II Clearing Record.

Draft Data Edit Criteria

AVS Response Code Positions: 127 Length: 1 Format: alphanumeric	<p>Description: Contains the response to an Address Verification Service (AVS) request, indicating matches or discrepancies between addresses and ZIP codes. The entry must contain a valid value. See <i>BASE II Clearing Data Codes</i> for a listing of AVS Response Codes.</p> <p>Note: Effective 14 April 2007, Canadian Acquirers participating in the Address Verification Service populated the Address Verification Service results code received in the Base I Authorization Response message in a Transaction's corresponding Base II Clearing Record.</p>
Authorization Source Code Positions: 128 Length: 1 Format: alphanumeric	<p>Description: Indicates whether authorization was obtained and the source of the authorization. The allowable entries are a space, A through Z, or 0 through 9. See <i>BASE II Clearing Data Codes</i> for the list of codes that are defined for use by the members.</p> <p>National—U.S.: For EIRF originals and reversals, the entry may be a space. The entry may also be a space for credit vouchers and credit reversals.*</p> <p>National—CPS Participating: For CPS originals and their reversals, the entry may be a space. The entry may also be a space for credit vouchers and their reversals.*</p> <p>VIC Edit, National—U.S.: For EPS and Supermarket originals and their reversals, the entry may be a space.*</p> <p>*The value of space indicates authorization was obtained via VisaNet.</p>
Purchase Identifier Format Positions: 129 Length: 1 Format: alphanumeric	<p>Description: Indicates the format of additional identifying information for purchases, such as order number or invoice number, etc. Format can include free text or type of number.</p> <p>This field must be a space or 0, 1, 3, 4, or 5. See <i>BASE II Clearing Data Codes</i> for a listing of the Purchase Identifier Format codes.</p> <p>VIC Edit National—U.S.: For original purchase transactions and their reversals:</p> <ul style="list-style-type: none">• To qualify for CPS/Car Rental (Card Not Present), CPS/Car Rental (Card Present), CPS/Retail, or CPS/Retail Debit Card PSIRF, this field must contain a 3.• To qualify for CPS/Hotel (Card Not Present), CPS/Hotel (Card Present), CPS/Retail, or CPS/Retail Debit Card PSIRF, this field must contain a 4.• To qualify for CPS/Card Not Present PSIRF, this field must contain a 1. <p>VIC Edit, National—Brazil: To qualify for CPS/Direct Marketing PSIRF, this field must contain a 1 for original purchase transactions and their reversals.</p>

Draft Data Edit Criteria

<p>Account Selection</p> <p>Positions: 130</p> <p>Length: 1</p> <p>Format: alphanumeric</p>	<p>Description: Indicates type of account (savings, checking, etc.).</p> <p>For TC07 with MCC = 6011 this field must be:</p> <p>0 = Unavailable</p> <p>1 = Savings Account</p> <p>2 = Checking Account</p> <p>3 = Credit Card Account</p> <p>"Plus" issuers must retain and return this field in subsequent U.S. national dispute financials.</p> <p>For POS draft transactions, this field must contain:</p> <p>Space = Not Applicable</p> <p>0 = Unavailable</p> <p>1 = Savings Account</p> <p>2 = Checking Account</p> <p>3 = Credit Card Account</p> <p>D = Debit (Line of credit) (for POS only)</p> <p>P = Prepaid (Electronic Purse) (For POS only)</p>
<p>Installment Payment Count</p> <p>Positions: 131–132</p> <p>Length: 2</p> <p>Format: alphanumeric</p>	<p>Description: If installment purchase, indicates the number of installments. This edit applies only to the LAC and Caribbean Region, including Crediario installment transactions.</p> <p>VIC Edit: For National Bilateral and National Net transactions (Settlement Flag 6 or 8), the entry must be 00 through 99, or spaces.</p>
<p>Purchase Identifier</p> <p>Positions: 133–157</p> <p>Length: 25</p> <p>Format: alphanumeric</p>	<p>Description: Used to send information identifying the purchase to the issuer and cardholder. Indicates the type of identifying information (order number, invoice number, text description, etc.). If this field is not used, it should contain spaces. The entry must be left-justified. Unused positions of the field should be space-filled.</p> <p>If the Purchase Identifier Format field contains a value of 1, 3, 4, or 5, this field must not be all spaces.</p> <p>VIC Edit, National—U.S.: If the Purchase Identifier Format of a U.S. original is spaces or 0, the Purchase Identifier can be spaces or nonblank.</p> <p>For original purchase transactions and their reversals:</p> <ul style="list-style-type: none"> • To qualify for CPS/Car Rental (Card Not Present) or CPS/Car Rental (Card Present) this field must contain the rental agreement number. • To qualify for CPS/Hotel (Card Not Present) or CPS/Hotel (Card Present), this field must contain the hotel folio number. • To qualify for CPS/Card Not Present PSIRF, this field must contain the order number. <p>VIC Edit, National—Brazil: To qualify for CPS/Direct Marketing PSIRF, this field must contain the order number on original purchase transactions and their reversals.</p>

Draft Data Edit Criteria

Cashback Positions: 158–166 Length: 9 Format: unpacked numeric	Description: Cashback amount. This entry must be numeric and equal to or less than the Source Amount. Two decimals are implied. For cashback originals and their reversals this field must contain the cashback amount submitted in the authorization request. For all other transactions, this field must contain zeros . VIC Edit: For custom payment service original purchase transactions and their reversals, this field must have the same contents as that in the Authorization Response (V.I.P. field 61.1 converted to unpacked numeric). If multiple authorizations were submitted, this field must contain the Cashback from the first authorization response.
Chip Condition Code Positions: 167 Length: 1 Format: alphanumeric	Description: Provides information about magnetic stripe-read transactions of VSDC cards at VSDC ATMs ("fallback" transactions). It does not apply to VSDC transactions where the chip is read. Values: space or 0 = unknown/not applicable 1 = magnetic stripe service code begins with 2 or 6 , last transaction at the chip-capable terminal was a successful chip read, or was not a chip transaction. 2 = magnetic stripe service code begins with 2 or 6 , last transaction at the chip-capable terminal was an unsuccessful chip read.
POS Environment Positions: 168 Length: 1 Format: alphanumeric	Description: A recurring transaction indicator, indicating that the cardholder and merchant have agreed to periodic billing for goods and services, such as utility bills, internet connection, and magazine subscriptions. Values: Space = default R = Recurring Payment Transaction I = Installment Payment C = Credential on File Recurring Payment: This field must contain code R for recurring payment transactions that are acquired outside the U.S. region. U.S. acquired recurring payment transaction position 116, Mail/Phone/Electronic Commerce and Payment Indicator, code 2 should be used to indicate a recurring payment transaction.

TC 05 - TCR 2 Argentina

These tables contain the National Net Draft Data (TC 05, 06, 15, 16, 25, 26, 35, 36) record layout and edit criteria for TCR 2 - ARGENTINA.

CTF - Outgoing and Incoming Interchange

Argentina National Net TCR 2 Record Layout

Position	Field Length	Format	Contents
1–2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5–16	12	UN	Installment Payment Total Amount
17–19	3	AN	National Net Country Code
20–21	2	AN	Installment Payment Indicator
22–23	2	UN	Number of Installment Payments
24–25	2	UN	Installment Payment Number
26–37	12	UN	Installment Payment Interest Amount
38–47	10	UN	VAT for Installment Payment Interest Amount
48–57	10	UN	Installment Payment Risk Fee Amount
58–67	10	UN	VAT for Installment Payment Risk Fee Amount
68	1	AN	Installment Payment Interest National Net Impact in IRF Calculation – IRF Indicator
69	1	AN	Installment Payment Interest National Net Impact – Settlement Indicator
70–75	6	UN	Deferred Cardholder Billing Date
76–81	6	UN	Deferred Settlement Date
82–93	12	UN	Tip Amount
94–103	10	UN	Interchange Reimbursement Fee (IRF)
104–113	10	UN	VAT National Reimbursement Fee
114–133	20	AN	Promotion Data
134–168	35	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Argentina National Net TCR 2 Draft Data Edit Criteria

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description: The field must contain the same transaction code as the TCR 0.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: The field must contain one of these values: 0 = Default 1 = Account Funding 2 = Original Credit
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 2 .
Installment Payment Total Amount Positions: 5–16 Length: 12 Format: unpacked numeric	Description: This field will contain the total amount of the Installment Payments and must contain the total amount approved in the authorization message. If the value of the Installment Payment Indicator in positions 20–21 contains a CO or CD , this field must contain all zeros . If the value in positions 20–21 contains PA and the value of Installment Payment Number in positions 24–25 contains all zeros, this field must contain all zeros .
National Net Country Code Positions: 17–19 Length: 3 Format: alphanumeric	Description: This field must contain the value AR [^] (Argentina), where [^] = space .
Installment Payment Indicator Positions: 20–21 Length: 2 Format: alphanumeric	Description: This field must contain the installment payment types. Values are: <ul style="list-style-type: none">• AC (Accelerated plan)• AD (Installments accelerated and deferred)• AN (Installments accelerated)• CC (Merchant installments)• CD (Sale deferred)• CO (Sale)• CR (Issuer Installments)• GB (Govern plan)• PA (Agro installments deferred)

Argentina National Net TCR 2 Draft Data Edit Criteria

Number of Installment Payments Positions: 22–23 Length: 2 Format: unpacked numeric	Description: This field must contain the total number of installment payments. When the value of Installment Payment Indicator in positions 20–21 is CC , the value in this field must be greater than 01 .
Installment Payment Number Positions: 24–25 Length: 2 Format: unpacked numeric	Description: This field must contain the current number of installment payments. This field must be less than or equal to the number of installment payments in positions 22–23.
Installment Payment Interest Amount Positions: 26–37 Length: 12 Format: unpacked numeric	Description: This field must contain the installment payment interest amount. This field must contain all zeros , when the value of installment payment indicator in positions 20–21 contains one of the following: <ul style="list-style-type: none"> • CC • CO • CR • PA
VAT for Installment Payment Interest Amount Positions: 38–47 Length: 10 Format: unpacked numeric	Description: This field must contain the value added tax (VAT) for the Installment Payment Interest Amount. The value must be less than or equal to Installment Payment Interest Amount in positions 26–37.
Installment Payment Risk Fee Amount Positions: 48–57 Length: 10 Format: unpacked numeric	Description: This field must contain the total amount of the Installment Payment Risk Fee. If Installment Payment Indicator in positions 20–21 contains CC and the Installment Payment Number in positions 24–25 contains 01 , this field must be greater than zero . For all other Installment Payment Indicators in positions 20–21, the value in this field must be all zeros .
VAT for Installment Payment Risk Fee Amount Positions: 58–67 Length: 10 Format: unpacked numeric	Description: This field must contain the VAT for the Installment Payment Risk Fee Amount. This field must be less than or equal to Installment Payment Risk Fee Amount in positions 48–57.
Installment Payment Interest National Net Impact in IRF Calculation – IRF Indicator Positions: 68 Length: 1 Format: alphanumeric	Description: This field indicates whether the Installment Payment Interest Amount in positions 26–37 must be subtracted from the transaction amount before calculating the Interchange Reimbursement Fee (IRF) and VAT on IRF. Values are: <ul style="list-style-type: none"> • S = Subtract • D = Do Not Subtract

Argentina National Net TCR 2 Draft Data Edit Criteria

Installment Payment Interest National Net Impact – Settlement Indicator Positions: 69 Length: 1 Format: alphanumeric	Description: This field indicates whether the Installment Payment Interest Risk Fee Amount and the Installment Payment Interest Amount and their VAT are to be disregarded or added to the charges settled to the issuer. Values are: <ul style="list-style-type: none"> • A = Add • D = Do Not Add
Deferred Cardholder Billing Date Positions: 70–75 Length: 6 Format: unpacked numeric	Description: This field will contain the deferred cardholder billing date in the yymmdd format, where: <ul style="list-style-type: none"> • yy (Year) = 00–99 • mm (Month) = 01–12 • dd (Day) = 01–31 This field must be present when the installment payment indicator in positions 20–21 contains one of the following values: <ul style="list-style-type: none"> • AD • CD • PA Additionally, this field must not be submitted earlier than the CPD plus one day. For all other values of Installment Payment Indicator in positions 20–21, this field must contain all zeros . <p>Note: Cardholder Billing Date can be up to 365 calendar days.</p>
Deferred Settlement Date Positions: 76–81 Length: 6 Format: unpacked numeric	Description: This field is mandatory and must not be submitted earlier than the CPD plus one day. This field will contain the deferred settlement date in yymmdd format, where: <ul style="list-style-type: none"> • yy (Year) = 00–99 • mm (Month) = 01–12 • dd (Day) = 01–31 <p>Note: Deferred Settlement Date can be up to 365 calendar days.</p>
Tip Amount Positions: 82–93 Length: 12 Format: unpacked numeric	Description: This field can contain the tip amount. If present, the value must be less than or equal to the transaction amount.
Interchange Reimbursement Fee (IRF) Positions: 94–103 Length: 10 Format: unpacked numeric	Description: This field will contain the issuer national reimbursement fee amount that is calculated by Visa.

Argentina National Net TCR 2 Draft Data Edit Criteria

VAT National Reimbursement Fee Positions: 104–113 Length: 10 Format: unpacked numeric	Description: This field will contain the issuer IRF VAT amount that is calculated by Visa.
Promotion Data Positions: 114–133 Length: 20 Format: alphanumeric	Description: This field will contain the name and description of the transaction promotion. The value in position 114 will contain an A .
Reserved Positions: 134–168 Length: 35 Format: alphanumeric	Description: This field will be space-filled.

TC 05 - TCR 2 Brazil

These tables contain the National Settlement Draft Data (TC 05, 06, 07, 15, 16, 17, 25, 26, 27, 35, 36, 37) record layout and edit criteria for TCR 2 - BRAZIL.

CTF - Outgoing and Incoming Interchange

Brazil National Settlement Draft Data Record Layout

Position	Field Length	Format	Contents
1–2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5–16	12	AN	Reserved
17–19	3	AN	Country Code
20–22	3	AN	Reserved
23–25	3	UN	Settlement Type
26–35	10	AN	National Reimbursement Fee
36–39	4	UN	National Net CPD of Original (YDDD)
40–41	2	AN	Installment Payment Count

Brazil National Settlement Draft Data Record Layout

Position	Field Length	Format	Contents
42–46	5	AN	Special Merchant Identifier
47	1	AN	Special Purchase Identifier
48–62	15	AN	Merchant Tax ID Number
63–168	106	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Brazil National Settlement Draft Data Edit Criteria

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description: The field must contain the same transaction code as the TCR 0.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: The field must contain one of these values: 0 = Default 1 = Account Funding 2 = Original Credit Note: This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 2 .
Reserved Positions: 5–16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Country Code Positions: 17–19 Length: 3 Format: alphanumeric	Description: Code that represents the country involved. The field must contain BR (Brazil) left-justified and followed by a space .

Brazil National Settlement Draft Data Edit Criteria

Reserved Positions: 20–22 Length: 3 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Settlement Type Positions: 23–25 Length: 3 Format: unpacked numeric	Description: Indicates if settlement is deferred and by how many days. The field must be numeric and contain a valid entry. The entry must be zero-filled to the left (for example, Settlement Type of 2 is entered as 002). Refer to <i>BASE II Clearing Data Codes</i> for valid Settlement Type codes. Note: Crediarior installment payment transactions must be paid by the acquirer to the merchant within 2 days from the authorization date.
National Reimbursement Fee Positions: 26–35 Length: 10 Format: unpacked numeric	Description: Indicates fee form national reimbursement fee. The field must be zero . VIC Edit: This field will be set to zeros.
National Net CPD of Original Positions: 36–39 Length: 4 Format: unpacked numeric	Description: The date BASE II processed this transaction or item. This field must be zeros for original transactions. Dispute Response Financials, Reversals, Dispute Financials The entry must be the Central Processing Date of the original transaction in the format YDDD .
Installment Payment Count Positions: 40–41 Length: 2 Format: alphanumeric	Description: Indicates the number of installment payments. The field must contain a numeric entry from 00 through 99 , or spaces .
Special Merchant Identifier Positions: 42–46 Length: 5 Format: alphanumeric	Description: Contains the Special Merchant Identifier. It is not edited by the Edit Package or BASE II.
Special Purchase Identifier Positions: 47 Length: 1 Format: alphanumeric	Description: This field must contain one of these values: 1 = Commissioned Purchase 2 = Correspondente Bancario 3 = Carne 4 = Commissioned Purchase 2 5 = Crediarior Space = Not Special Purchase

Brazil National Settlement Draft Data Edit Criteria

Merchant Tax ID Number Positions: 48–62 Length: 15 Format: alphanumeric	Description: This field contains the merchant tax ID for each Brazil merchant assigned by the merchant local authority. Required for domestic point-of-sale transactions, optional for reversals. The information should be submitted left-justified and space-filled. It is not edited by Edit Package or BASE II. Incoming: This field will be initialized to spaces prior to delivery. Note: Some merchant tax ID numbers may only be 11 characters.
Reserved Positions: 63–168 Length: 106 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 05 - TCR 2 Chile

These tables contain the National Settlement Draft Data (TC 05, 06, 15, 16, 25, 26, 35, 36) record layout and edit criteria for TCR 2 - CHILE.

CTF - Outgoing and Incoming Interchange

Chile National Settlement Draft Data Record Layout

Position	Field Length	Format	Contents
1–2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5	1	AN	Sale Type Indicator
6–8	3	UN	Number of Installment Payments
9–11	3	UN	Installment Payment Number
12	1	AN	Issuer Promo Flag
13	1	AN	Deferred Flag
14	1	AN	Deferred Period
15	1	AN	Grace Period Flag
16	1	AN	Grace Period
17–19	3	AN	Country Code

Chile National Settlement Draft Data Record Layout

Position	Field Length	Format	Contents
20–31	12	UN	Installment Payment Total Amount
32–43	12	UN	Installment Payment Amount
44–48	5	UN	Installment Interest Rate
49–52	4	UN	VAT Rate
53–64	12	UN	Interchange Reimbursement Fee (IRF)
65–76	12	UN	VAT National Reimbursement Fee
77–82	6	UN	Deferred Settlement Date
83–88	6	UN	Deferred Settlement Date of the Original
89–168	80	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Chile National Settlement Draft Data Edit Criteria

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description The field must contain the same transaction code as the TCR 0.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description The field must contain one of the following values: 0 = Default 1 = Account Funding 2 = Original Credit
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description The field must contain a 2 .

Chile National Settlement Draft Data Edit Criteria

Sale Type Indicator Positions: 5 Length: 1 Format: alphanumeric	Description Indicates the type of sale. Must contain one of the values: 1 – No installments 2 – QuasiCash 5 – Issuer Installments 6 – Merchant Installments 8 – Sale by agreement of quotas with a single interest rate 9 – Tax Payment. Regular sale
Number of Installment Payments Positions: 6–8 Length: 3 Format: unpacked numeric	Description If installment purchase, indicates the number of installments. The field must contain a numeric entry from 000 through 999. Default value 000. If Sale Type Indicator in position 5 equal 2, this field must be zero. If Sale Type Indicator in position 5 equal 5, 6 or 8, this field must be greater than 1.
Installment Payment Number Positions: 9–11 Length: 3 Format: unpacked numeric	Description This field must contain the current number of payment. The field must contain a numeric entry from 000 through 999. Default value 000. This field must be less than or equal to the number of installment payments in positions 6–8.
Issuer Promo Flag Positions: 12 Length: 1 Format: alphanumeric	Description Value that indicates that this transaction was performed according with the issuer promotion campaign agreed with the acquirer. Values: 0 = no promotion campaign was agreed 1 = promotion campaign agreed
Deferred Flag Positions: 13 Length: 1 Format: alphanumeric	Description Value that indicates that one deferred option was selected by cardholder. Values: 0 = cardholder hasn't selected a deferred period 1 = cardholder has selected a deferred period
Deferred Period Positions: 14 Length: 1 Format: alphanumeric	Description: Value that indicates which deferred period was selected by the cardholder. Values: 0, 1, 2, 3
Grace Period Flag Positions: 15 Length: 1 Format: alphanumeric	Description: Value that indicates that the grace period flag was selected by cardholder. Values: 0 = cardholder hasn't selected a grace period flag, 1 = cardholder has selected a grace period.

Chile National Settlement Draft Data Edit Criteria

Grace Period Positions: 16 Length: 1 Format: alphanumeric	Description: Value that indicates which grace period was selected by cardholder. Values: 0 = cardholder hasn't selected the period 1 = cardholder has selected one month as grace period
Country Code Positions: 17–19 Length: 3 Format: alphanumeric	Description: This field must contain the value CL^ (Chile), where ^ = space.
Installment Payment Total Amount Positions: 20–31 Length: 12 Format: unpacked numeric	Description: This field must contain the total amount of the installment payments. Two (2) decimal positions are implied with zeros after applying the rounding rule. It must contain the total amount approved in the authorization message.
Installment Payment Amount Positions: 32–43 Length: 12 Format: unpacked numeric	Description: This field must contain the installment amount. Two (2) decimal positions are implied with zeros after applying the rounding rule.
Installment Interest Rate Positions: 44–48 Length: 5 Format: unpacked numeric	Description: This field must contain the interest rate applied to installment payments with interest. Two (2) decimal positions are implied. It must contain same rate approved in the authorization message.
VAT Rate Positions: 49–52 Length: 4 Format: unpacked numeric	Description: This field must contain the VAT rate that should be used to calculate the VAT IRF in position 65–76. Two (2) decimal positions are implied.
Interchange Reimbursement Fee (IRF) Positions: 53–64 Length: 12 Format: unpacked numeric	Description: This field will contain the issuer national reimbursement fee amount that is calculated by Visa with two (2) implied decimal places.
VAT National Reimbursement Fee Positions: 65–76 Length: 12 Format: unpacked numeric	Description: This field will contain the issuer IRF VAT amount that is calculated by Visa with two (2) implied decimal places.

Chile National Settlement Draft Data Edit Criteria

Deferred Settlement Date Positions: 77–82 Length: 6 Format: unpacked numeric	Description: Indicates the date when the settlement will be processed in yymmdd format, where: <ul style="list-style-type: none"> yy (Year) = 00–99 mm (Month) = 01–12 dd (Day) = 01–31 Usually filled out with zeros if not defined. IMPORTANT: If the acquirer sends a date that is not a working day according to the financial calendar of Chile, Visa will schedule the settlement for the next first business' day. Note: Deferred Settlement Date can be up to 365 calendar days. On purchase reversals, credit voucher originals/reversal transactions, this date should be equal or greater than the Deferred Settlement Date of the Original.
Deferred Settlement Date of the Original Positions: 83–88 Length: 6 Format: unpacked numeric	Description: On purchase originals, this date should be submitted with zeroes. Visa will calculate the appropriate date based on the Chilean calendar in yymmdd format, where: <ul style="list-style-type: none"> yy (Year) = 00–99 mm (Month) = 01–12 dd (Day) = 01–31 On purchase reversals, credit voucher originals/reversal transactions, this date should be retained and returned with the "purchase original" Deferred Settlement Date of Original.
Reserved Positions: 89–168 Length: 80 Format: alphanumeric	Description: This field will be space-filled.

TC 05 - TCR 2 Colombia

These tables contain the National Settlement Draft Data (TC 05, 06, 07, 15, 16, 17, 25, 26, 27, 35, 36, 37) record layout and edit criteria for TCR 2 - COLOMBIA.

CTF - Outgoing and Incoming Interchange

Colombia National Settlement Draft Data Record Layout

Position	Field Length	Format	Contents
1–2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5–16	12	UN	Reserved
17–19	3	AN	Country Code
20	1	AN	National Net Miscellaneous Amount Type
21	1	AN	Reserved
22–75	54	UN	Reserved
76–84	9	UN	National Net Miscellaneous Amount
85–87	3	UN	Reserved
88–95	8	UN	Amount Base of Add Value Tax to Return
96–104	9	UN	Consumption Tax Amount
105–113	9	UN	Add Value Tax Amount
114	1	UN	Cost Transaction Indicator
115	1	UN	EMV Transaction Indicator
116	1	UN	Reserved
117–118	2	AN	National Dispute Reason Code
119–168	50	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Colombia National Settlement Draft Data Edit Criteria

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description: The field must contain the same transaction code as the TCR 0.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: The field must contain one of these values: 0 = Default 1 = Account Funding 2 = Original Credit Note: This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.

Colombia National Settlement Draft Data Edit Criteria

Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 2 .
Reserved Positions: 5–16 Length: 12 Format: unpacked numeric	Description: This field will be zero-filled.
Country Code Positions: 17–19 Length: 3 Format: alphanumeric	Description: Code that represents the country involved. The field must contain CO (Colombia). Must be left-justified and followed by a space .
National Net Miscellaneous Amount Type Positions: 20 Length: 1 Format: alphanumeric	Description: Conditional. Indicates the type of other amount. Must be present if "National Net Miscellaneous Amount" is present. Values: T = Tip C = Cashback A = Airport Charge Space = n/a VIC Edit: The VIC will return the transaction if "National Net Miscellaneous Amount" is present and this field value is other than T , C , or A .
Reserved Positions: 21 Length: 1 Format: alphanumeric	Description: This field will be space-filled
Reserved Positions: 22–75 Length: 54 Format: unpacked numeric	Description: This field will be zero-filled.
National Net Miscellaneous Amount Positions: 76–84 Length: 9 Format: unpacked numeric	Description: Optional. Note: Zero is the default value when no amount is present.

Colombia National Settlement Draft Data Edit Criteria

Reserved Positions: 85–87 Length: 3 Format: unpacked numeric	Description: This field will be zero-filled
Amount Base of Add Value Tax to Return Positions: 88–95 Length: 8 Format: unpacked numeric	Description: Optional. This field indicates base value of the IVA (Sales Tax) which is part of the benefit of the tax legislations for the 2% sales tax return to the cardholder. This field should be right-justified. Value should be greater or equal to 0. Two decimal places are implied. This field should be zero-filled when the information is not present. Outgoing: The Edit Package will insert zeros in this field if the value is not numeric.
Consumption Tax Amount Positions: 96–104 Length: 9 Format: unpacked numeric	Description: Optional. This field will contain the National Consumption Tax and is applicable for the following goods and services. <ul style="list-style-type: none"> • Mobile Services • Motor vehicles, boats, airplane • Sale of food and beverages This field should be right-justified. Two decimal places are implied. This field should be zero-filled when the information is not present. Outgoing: The Edit Package will insert zeros in this field if the value is not numeric.
Add Value Tax Amount Positions: 105–113 Length: 9 Format: unpacked numeric	Description: Optional. This field contains the National Government Tax for the added value of a good or service. This field should be right-justified. Two decimal places are implied. This field should be zero-filled when the information is not present. Outgoing: The Edit Package will insert zeros in this field if the value is not numeric.
Cost Transaction Indicator Positions: 114 Length: 1 Format: unpacked numeric	Description: Mandatory. This field will contain a value that will indicate if the transaction was a cost inquiry. Values: 0 – Not a cost inquiry amount 1 – Cost inquiry transaction VIC Edit: The VIC will return the transaction if value is not 0 or 1 . Outgoing: The Edit Package will reject the transaction if value is not 0 or 1 .

Colombia National Settlement Draft Data Edit Criteria

EMV Transaction Indicator Positions: 115 Length: 1 Format: unpacked numeric	Description: Mandatory. This field will contain a value that indicates if this was a chip transaction. Values: 0 – Does not apply to EMV 1 – EMV transaction 2 – Fallback transaction VIC Edit: The VIC will return the transaction if value is not 0 or 1 or 2 . Outgoing: The Edit Package will reject the transaction if value is not 0 or 1 or 2 .
Reserved Positions: 116 Length: 1 Format: unpacked numeric	Description: This field will be zero-filled.
National Dispute Reason Code Positions: 117–118 Length: 2 Format: alphanumeric	Description: Optional. This field contains a valid dispute reason code based on domestic laws. This field should be space-filled when the information is not present. Outgoing: The Edit Package will insert spaces if the value is not alphanumeric.
Reserved Positions: 119–168 Length: 50 Format: alphanumeric	Description: This field will be space-filled.

TC 05 - TCR 2 Japan

These tables contain the National Settlement Draft Data (TC 05, 06, 07, 25, 26, 27,) record layout and edit criteria for TCR 2 - JAPAN.

CTF - Outgoing and Incoming Interchange

Japan National Settlement Draft Data Record Layout

Position	Field Length	Format	Contents
1–2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number

Japan National Settlement Draft Data Record Layout

Position	Field Length	Format	Contents
5	1	UN	Number of Bonus Payments
6	1	AN	Bonus Month Sign
7–10	4	UN	Bonus Amount
11–14	4	UN	National Net CPD of Original
15–16	2	AN	Reserved
17–19	3	AN	Country Code
20–22	3	UN	Number of Installment Payments
23–24	2	UN	Payment Mode
25	1	AN	Reserved
26–33	8	UN	Net Sales Amount
34–41	8	UN	Tax and Mailing Charge
42–58	17	UN	Sales Draft Reference Number
59–73	15	AN	Acquiring Bank/Merchant Number
74–96	23	AN	Merchant Name—Katakana
97–98	2	AN	National Dispute Reason Code
99–138	40	AN	Merchant Name—Kanji
139	1	UN	Net/Gross Flag
140–159	20	AN	Text Message
160–167	8	UN	Acquirer's Invoice Amount
168	1	UN	Bonus Code

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Japan National Settlement Draft Data Edit Criteria

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description: The field must contain the same transaction code as the TCR 0.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: The field must contain one of these values: 0 = Default 1 = Account Funding 2 = Original Credit This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 2 .
Number of Bonus Payments Positions: 5 Length: 1 Format: unpacked numeric	Description: The number of lump sum bonus payments that the cardholder will make. Valid values are 1 through 9 . When not used, the field should be zero-filled. When the Payment Mode field has values 22 , 24 , 33 , and 34 , the entry must be numeric.
Bonus Month Sign Positions: 6 Length: 1 Format: alphanumeric	Description: Contains a code that represents the month(s) that the cardholder will make a bonus payment. The code is preset between acquirers and issuers. If this field is not used, the entry should be a space. Refer to <i>BASE II Clearing Data Codes</i> for valid Bonus Month Sign values and definitions.
Bonus Amount Positions: 7–10 Length: 4 Format: unpacked numeric	Description: Contains the add-on amount the cardholder will pay as a bonus payment in Yen 1000. Valid values are 0001 through 9999 . Values must be right-justified and zero-filled. If not used, this field should be zero-filled. The entry must be numeric when the Payment Mode field has values 32 and 34 .
National Net CPD of Original Positions: 11–14 Length: 4 Format: unpacked numeric	Description: CPD Date of the Original transaction. Field Format: YDDD .

Japan National Settlement Draft Data Edit Criteria

Reserved Positions: 15–16 Length: 2 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Country Code Positions: 17–19 Length: 3 Format: alphanumeric	Description: Code that represents the country involved. The field must contain JP (Japan) left-justified and followed by a space .
Number of Installment Payments Positions: 20–22 Length: 3 Format: unpacked numeric	Description: Indicates the number of installment payments. The entry must be numeric when the Payment Mode field has values 31 , 32 , 33 , and 34 . For Payment Mode 61, the value must not be 001 and the value must be numeric. The valid values are 000 and 002 for Twice Payments and 003 through 099 for Installment Payments. Values must be right-justified and zero-filled. If not used, this field should be zero-filled.
Payment Mode Positions: 23–24 Length: 2 Format: unpacked numeric	Description: Indicates type of bonus or installment payment (semi-annual payment, cash transactions, bonus payment with bonus month sign, etc.) The field must contain a valid value. For TC 05, 06, 25 and 26, the entry cannot be 71 . For TC 07 and 27, the entry must be 71 . Refer to <i>BASE II Clearing Data Codes</i> for valid Payment Mode values and definitions.
Reserved Positions: 25 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Net Sales Amount Positions: 26–33 Length: 8 Format: unpacked numeric	Description: This field must contain the sales amount of the goods and service before tax and mailing charges. The entry must be numeric. Note: If the Tax and Mailing Charge is zero, this value should be equal to TCR 0 Source Amount.
Tax and Mailing Charge Positions: 34–41 Length: 8 Format: unpacked numeric	Description: Tax and mailing charge portion of transaction. The entry must be numeric and may be zeros. Note: * TCR 2 Net Sales Amount (position 26–33) + Tax and Mailing Charge (34–41) = TCR 0 Source Amount (= Destination Amount).

Japan National Settlement Draft Data Edit Criteria

Sales Draft Reference Number Positions: 42–58 Length: 17 Format: unpacked numeric	Description: Reference number of the sales draft. The entry must be numeric. Note: First 4 byte = MMDD . May copy from TCR 0 Purchase Date (position 58–61) to first 4 byte.
Acquiring Bank/Merchant Number Positions: 59–73 Length: 15 Format: alphanumeric	Description: Identifying number of acquiring bank/merchant. If not used, the field should contain spaces.
Merchant Name—Katakana Positions: 74–96 Length: 23 Format: alphanumeric	Description: The merchant name in Katakana characters. The first character may not be a space .
National Dispute Reason Code Positions: 97–98 Length: 2 Format: alphanumeric	Description: Reason for dispute financial. The field must not be spaces for a dispute financial or dispute financial reversal (TC 15, 16, 17, 35, 36, 37).
Merchant Name—Kanji Positions: 99–138 Length: 40 Format: alphanumeric	Description: The merchant name in Kanji characters. If the field is not used, it should be spaces.
Net/Gross Flag Positions: 139 Length: 1 Format: unpacked numeric	Description: Indicates net or gross amount. The entry must be numeric. Note: 1, 2, 8 or 9 must be set. If not used set 1 (no space or 0).
Text Message Positions: 140–159 Length: 20 Format: alphanumeric	Description: Administrative message used to convey information from a sender to a receiver. If this field is not used, the entry should be spaces.

Japan National Settlement Draft Data Edit Criteria

Acquirer's Invoice Amount Positions: 160–167 Length: 8 Format: unpacked numeric	Description: The net value of the transaction after applying the Interchange Reimbursement Fee. The entry must be numeric.
Bonus Code Positions: 168 Length: 1 Format: unpacked numeric	Description: Indicates if bonus payment changed to lump sum payment. The entry must be 0 or 1 , and 1 is only valid for Payment Mode 10. Values: 0 = Not applicable 1 = Bonus payment changed to lump sum payment

TC 05 - TCR 2 Mexico

These tables contain the National Settlement Draft Data (TC 05, 06, 15, 16, 25, 26, 35, 36) record layout and edit criteria for TCR 2 - MEXICO.

CTF - Outgoing and Incoming Interchange

Mexico National Settlement Draft Data Record Layout

Position	Field Length	Format	Contents
1–2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5–16	12	AN	Reserved
17–19	3	AN	Country Code
20–21	2	AN	Account Type
22	1	UN	IRF Type
23–24	2	UN	IRF Category
25–34	10	UN	VAT on IRF
35–47	13	AN	Merchant Fiscal ID (RFC)
48	1	AN	Reserved
49–51	3	UN	Number of Installment Payments
52–54	3	UN	Grace Period
55	1	AN	Frequency of Payment

Mexico National Settlement Draft Data Record Layout

Position	Field Length	Format	Contents
56–67	12	UN	Installment Payment Interest
68–77	10	UN	VAT for Installment Payment Interest
78–80	3	AN	Reserved
81–82	2	UN	Installment Payment Type
83–168	86	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Mexico National Settlement Draft Data Edit Criteria

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description: The field must contain the same transaction code as the TCR 0.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain one of these values: 0 = Default 1 = Account Funding 2 = Original Credit This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 2 .
Reserved Positions: 5–16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. Edit Package will space-fill this field.
Country Code Positions: 17–19 Length: 3 Format: alphanumeric	Description: Code that represents the country involved. This field must contain MX^ (Mexico), where ^ = space.

Mexico National Settlement Draft Data Edit Criteria

Account Type Positions: 20–21 Length: 2 Format: alphanumeric	Description: This field must contain one of the following values: Blank = Default Value CR = Credit DB = Debit PP = Prepaid CO = Commercial Products PL = Private Label
IRF Type Positions: 22 Length: 1 Format: unpacked numeric	Description: This field must contain one of the following values: 0 = Default 1 = Fixed 2 = Ad valorem (%) 3 = Composite (Fixed amount and ad valorem)
IRF Category Positions: 23–24 Length: 2 Format: unpacked numeric	Description: This field will contain the IRF Category that is provided by the acquirer. Zero-fill if not used.
VAT on IRF Positions: 25–34 Length: 10 Format: unpacked numeric	Description: This field must contain the VAT calculated by the acquirer for the IRF applicable to this transaction. Two decimal positions are implied.
Merchant Fiscal ID (RFC) Positions: 35–47 Length: 13 Format: alphanumeric	Description: This field is optional. If supplied, this field must contain the RFC for the merchant in the example format (right-justified filled with blanks): AAAAAANNNNNNAAAA
Reserved Positions: 48 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. Edit Package will space-fill this field.
Number of Installment Payments Positions: 49–51 Length: 3 Format: unpacked numeric	Description: This field must be numeric and contain the number of installment payments. Must be present or greater than zeros if Installment Payment Type = 01 or 02 ; otherwise, must be filled with zeros. It must be filled with the value of Number of Installments field in the authorization response message.

Mexico National Settlement Draft Data Edit Criteria

Grace Period Positions: 52–54 Length: 3 Format: unpacked numeric	Description: This field must be numeric and contain the number of billing cycles that the payment of the installment that will not be required payments. It must be filled with the value of Grace Period field in the authorization response message.
Frequency of Payment Positions: 55 Length: 1 Format: alphanumeric	Description: This field must contain one of the following values if Installment Payment Type = 01 or 02 : Blank = Not applicable W = Weekly Q = Every two weeks M = Monthly B = Bimonthly (every two months) T = Trimester C = Quarterly A = Annual S = Twice a year (Every six months) Must be blank if Installment Payment Type = 00 .
Installment Payment Interest Positions: 56–67 Length: 12 Format: unpacked numeric	Description: This field must contain the interest calculated for the installment period. Two decimal positions are implied. Must be greater than zero if Installment Payment Type = 01 or 02 . Must be zero if Installment Payment Type = 00 .
VAT for Installment Payment Interest Positions: 68–77 Length: 10 Format: unpacked numeric	Description: This field must contain the VAT calculated by the acquirer for the interest applicable to this transaction. Two decimal positions are implied. Must be greater than zero if Installment Payment Interest is greater than zero.
Reserved Positions: 78–80 Length: 3 Format: alphanumeric	Description: This field is reserved for future use. Edit Package will space-fill this field.

Mexico National Settlement Draft Data Edit Criteria

Installment Payment Type Positions: 81–82 Length: 2 Format: unpacked numeric	Description: This field must be numeric and contain the Installment Payment Type. Values are: 00 = Without plan 01 = No interest to the cardholder 02 = With interests for the cardholder
Reserved Positions: 83–168 Length: 86 Format: alphanumeric	Description: This field is reserved for future use. Edit Package will space-fill this field.

TC 05 - TCR 2 Russia (NSPK Only)

These tables contain the National Settlement Draft Data (TC 05, 06, 07, 15, 16, 17, 25, 26, 27, 35, 36, 37) record layout and edit criteria for TCR 2 - RUSSIA (FOR NSPK USE ONLY).

CTF - Outgoing and Incoming Interchange

Russia National Settlement Draft Data Record Layout

Position	Field Length	Format	Contents
1–2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5–16	12	AN	Reserved
17–19	3	AN	Country Code
20	1	UN	Merchant Tax ID Type
21–40	20	AN	Merchant Tax ID
41–49	9	AN	Merchant Postal Code
50–168	119	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Russia National Settlement Draft Data Edit Criteria

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description: This field will contain the same transaction code as the TCR 0.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain one of the values: <ul style="list-style-type: none">• 0 (Default)• 1 (Account Funding)• 2 (Original Credit)
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 2 .
Reserved Positions: 5–16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. Edit Package will space-fill this field.
Country Code Positions: 17–19 Length: 3 Format: alphanumeric	Description: This field must contain the country code. This field is left-justified and must contain the country code value of RU (Russian Federation) followed by space.
Merchant Tax ID Type Positions: 20 Length: 1 Format: unpacked numeric	Description: This field will contain one of the following: <ul style="list-style-type: none">• 1 (Corporate)• 2 (Small business, includes individual)
Merchant Tax ID Positions: 21–40 Length: 20 Format: alphanumeric	Description: This field will contain the tax ID of the merchant or small business.

Russia National Settlement Draft Data Edit Criteria

Merchant Postal Code Positions: 41–49 Length: 9 Format: alphanumeric	Description: This field will contain the postal code of the merchant.
Reserved Positions: 50–168 Length: 119 Format: alphanumeric	Description: This field is reserved for future use. Edit Package will space-fill this field.

TC 05 - TCR 2 South Korea

These tables contain the National Settlement Draft Data (TC 05, 06, 07, 15, 16, 17, 25, 26, 27, 35, 36, 37) record layout and edit criteria for TCR 2 - SOUTH KOREA.

CTF - Outgoing and Incoming Interchange

South Korea National Settlement Draft Data Record Layout

Position	Field Length	Format	Contents
1–2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5–16	12	AN	Reserved
17–19	3	AN	Country Code
20–22	3	AN	Reserved
23	1	UN	Payment Code
24–25	2	UN	Number of Payments
26–28	3	UN	Merchant Discount Rate
29–60	32	AN	Merchant Name - Korean
61–72	12	AN	Merchant Location - Korean
73–82	10	AN	Reserved
83–86	4	UN	Merchant Type
87–94	8	UN	Local Authorization Number

South Korea National Settlement Draft Data Record Layout

Position	Field Length	Format	Contents
95–96	2	AN	Local Dispute Reason Code
97–98	2	UN	Interchange Reimbursement Fee Multiplier
99–106	8	UN	Purchase Date
107–121	15	UN	Merchant ID
122–123	2	UN	Payment Method
124–125	2	AN	Card Type Local
126–168	43	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

South Korea National Settlement Draft Data Edit Criteria

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description: This field must contain the appropriate transaction code. The field must contain the same transaction code as the TCR 0.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain one of these values: 0 = Default 1 = Account Funding 2 = Original Credit This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 2 .
Reserved Positions: 5–16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

South Korea National Settlement Draft Data Edit Criteria

Country Code Positions: 17–19 Length: 3 Format: alphanumeric	Description: Code that represents the country involved. Country Code must be KR (South Korea), left-justified and followed by a space .
Reserved Positions: 20–22 Length: 3 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Payment Code Positions: 23 Length: 1 Format: unpacked numeric	Description: Indicates whether the payments are regular or installment. This field must be numeric and one of the two following values: 0 = Regular payments 1 = Installment payments
Number of Payments Positions: 24–25 Length: 2 Format: unpacked numeric	Description: Indicates number of payments to be made. This field must be numeric and must be in the range of 2 through 60 .
Merchant Discount Rate Positions: 26–28 Length: 3 Format: unpacked numeric	Description: Fee that is charged to the merchant. This field must be numeric and greater than zero.
Merchant Name - Korean Positions: 29–60 Length: 32 Format: alphanumeric	Description: The merchant name entered using Korean characters. This field must not be blank.
Merchant Location - Korean Positions: 61–72 Length: 12 Format: alphanumeric	Description: The merchant location entered using Korean characters. If this field is not used, it should be spaces.
Reserved Positions: 73–82 Length: 10 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

South Korea National Settlement Draft Data Edit Criteria

Merchant Type Positions: 83–86 Length: 4 Format: unpacked numeric	Description: Code describing the merchant's type of business product or service, also known as the Merchant Category Code (MCC). This field must be numeric.
Local Authorization Number Positions: 87–94 Length: 8 Format: unpacked numeric	Description: South Korean authorization ID. This field must be numeric and greater than zero.
Local Dispute Reason Code Positions: 95–96 Length: 2 Format: unpacked numeric	Description: Code indicating reason for the dispute financial. This field is not edited by the Edit Package or BASE II.
Interchange Reimbursement Fee Multiplier Positions: 97–98 Length: 2 Format: unpacked numeric	Description: This field must be numeric in the range 00 to 99 . It should be right-justified and zero-filled.
Purchase Date Positions: 99–106 Length: 8 Format: unpacked numeric	Description: The date refers to a member purchase agreement date. This field must be an eight digit numeric in the format YYYYMMDD (Year, Month and Day). YYYY value must be greater than 1999 .
Merchant ID Positions: 107–121 Length: 15 Format: unpacked numeric	Description: Code identifying merchant. This field must be numeric and greater than zero. Should also be right-justified and zero-filled.
Payment Method Positions: Position: 122–123 Length: Length: 2 Format: Format: unpacked numeric	Description: Code indicating method of payment. This field must contain a valid numeric value. Refer to <i>BASE II Clearing Data Codes</i> for valid Payment Method codes and definitions.

South Korea National Settlement Draft Data Edit Criteria

Card Type Local Positions: 124–125 Length: 2 Format: alphanumeric	Description: This field is optional and indicates a non-Visa local card issuer. Values: BC = BC Card KE = KEB Credit Service KM = Kook Min Credit Card
Reserved Positions: 126–168 Length: 43 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 05 - TCR 2 Sweden

These tables contain the National Settlement Draft Data (TC 05, 06, 07, 15, 16, 17, 25, 26, 27, 35, 36, 37) record layout and edit criteria for TCR 2 - SWEDEN.

CTF - Outgoing and Incoming Interchange

Sweden National Settlement Draft Data Record Layout

Position	Field Length	Format	Contents
1–2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5–16	12	AN	Reserved
17–19	3	AN	Country Code
20–31	12	UN	National Tax
32	1	AN	Reserved
33–34	2	AN	Payment Indicator
35–49	15	UN	National Merchant ID
50–74	25	AN	Merchant Name
75–87	13	AN	Merchant City
88–117	30	AN	Department ID

Sweden National Settlement Draft Data Record Layout

Position	Field Length	Format	Contents
118–168	51	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Sweden National Settlement Draft Data Edit Criteria

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description: The field must contain the same transaction code as the TCR 0.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain one of these values: 0 = Default 1 = Account Funding 2 = Original Credit This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 2 .
Reserved Positions: 5–16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Country Code Positions: 17–19 Length: 3 Format: alphanumeric	Description: Code that represents the country involved. Country Code must be SE (Sweden), left-justified and followed by a space .
National Tax Positions: 20–31 Length: 12 Format: unpacked numeric	Description: Used by acquirers to indicate the amount of Value Added Tax (VAT) included in the transaction amount. This amount must be expressed in the same currency as the source amount. This field must be numeric. It may contain zeros. The field contains two implied decimal places.

Sweden National Settlement Draft Data Edit Criteria

Reserved Positions: 32 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Payment Indicator Positions: 33–34 Length: 2 Format: alphanumeric	Description: Used by acquirers to indicate cardholder account selection (for example, deposit account or credit account) at the point of sale.
National Merchant ID Positions: 35–49 Length: 15 Format: unpacked numeric	Description: Numeric code used to identify the merchant. This field must be numeric. It may contain zeros.
Merchant Name Positions: 50–74 Length: 25 Format: alphanumeric	Description: Name of merchant. The field may contain Swedish characters.
Merchant City Positions: 75–87 Length: 13 Format: alphanumeric	Description: City in which merchant is located. The field may contain Swedish characters.
Department ID Positions: 88–117 Length: 30 Format: alphanumeric	Description: Member-defined data. This field may contain Swedish characters.
Reserved Positions: 118–168 Length: 51 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 05 - TCR 2 Turkey

These tables contain the National Settlement Draft Data (TC 05, 06, 07, 15, 16, 17, 25, 26, 27, 35, 36, 37) record layout and edit criteria for TCR 2 - TURKEY.

CTF - Outgoing and Incoming Interchange

Turkey National Settlement Draft Data Record Layout

Position	Field Length	Format	Contents
1–2	2	UN	Transaction Code
3	1	AN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5–16	12	AN	Reserved
17–19	3	AN	Country Code
20–44	25	AN	Merchant Name – Turkish
45–57	13	AN	Merchant Location – Turkish
58–65	8	UN	Central Merchant Identifier (CMI)
66	1	AN	CMI Valid Indicator
67–70	4	UN	Acquiring Institution Code – EFT
71	1	AN	Type of ATM
72–168	97	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Turkey National Settlement Draft Data Edit Criteria

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description: This field must contain the same transaction code as the TCR.
Transaction Code Qualifier Positions: 3 Length: 1 Format: alphanumeric	Description: This field must contain one of these values: 0 = Default 1 = Account Funding 2 = Original Credit This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 2 .

Turkey National Settlement Draft Data Edit Criteria

Reserved Positions: 5–16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use.
Country Code Positions: 17–19 Length: 3 Format: alphanumeric	Description: Code that represents the country involved.
Merchant Name – Turkish Positions: 20–44 Length: 25 Format: alphanumeric	Description: Merchant Name in Turkish language. This field must be present.
Merchant Location – Turkish Positions: 45–57 Length: 13 Format: alphanumeric	Description: Merchant Location in Turkish language. This field must be present.
Central Merchant Identifier (CMI) Positions: 58–65 Length: 8 Format: unpacked numeric	Description: This field will have a numeric value that will have a standard Mod-10 check performed on it. This field must be present.
CMI Valid Indicator Positions: 66 Length: 1 Format: alphanumeric	Description: This field will contain the Yes/No results from the Mod-10 check on the CMI field.
Acquiring Institution Code – EFT Positions: 67–70 Length: 4 Format: unpacked numeric	Description: Acquiring Institution Code.

Turkey National Settlement Draft Data Edit Criteria

Type of ATM Positions: 71 Length: 1 Format: alphanumeric	Description: This field must contain of these values: S = Standard U = Unique
Reserved Positions: 72–168 Length: 97 Format: alphanumeric	Description: This field is reserved for future use.

TC 05 - TCR 3 Industry-Specific Data

These tables contain the Draft Data (TC 05, 06, 15, 16, 25, 26, 35, 36) record layout and edit criteria for TCR 3 - INDUSTRY-SPECIFIC DATA.

CTF - Outgoing and Incoming Interchange

Draft Data Record Layout

Position	Field Length	Format	Contents
1–2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5–16	12	AN	Reserved
17–18	2	AN	Business Format Code
19–168	150	AN	Data Content (dependent on Business Format Code)

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

TC 05 - TCR 3 Passenger-Itinerary Data

These tables contain the Draft Data (TC 05, 06, 15, 16, 25, 26, 35, 36) record layout and edit criteria for TCR 3 - INDUSTRY-SPECIFIC DATA - PASSENGER ITINERARY DATA.

CTF - Outgoing and Incoming Interchange

Draft Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-14	10	AN	Reserved
15-16	2	AN	Business Application ID
17-18	2	AN	Business Format Code (AI)
19-26	8	AN	Reserved
27-46	20	AN	Passenger Name
47-52	6	UN	Departure Date (MMDDYY)
53-55	3	AN	Origination City/Airport Code
56-62	7	Group	Trip Leg 1 Information
63-69	7	Group	Trip Leg 2 Information
70-76	7	Group	Trip Leg 3 Information
77-83	7	Group	Trip Leg 4 Information
84-91	8	AN	Travel Agency Code
92-116	25	AN	Travel Agency Name
117	1	AN	Restricted Ticket Indicator
118-123	6	AN	Fare Basis Code - Leg 1
124-129	6	AN	Fare Basis Code - Leg 2
130-135	6	AN	Fare Basis Code - Leg 3
136-141	6	AN	Fare Basis Code - Leg 4

Draft Data Record Layout

Position	Field Length	Format	Contents
142–145	4	AN	Computerized Reservation System
146–150	5	AN	Flight Number - Leg 1
151–155	5	AN	Flight Number - Leg 2
156–160	5	AN	Flight Number - Leg 3
161–165	5	AN	Flight Number - Leg 4
166	1	AN	Credit Reason Indicator
167	1	AN	Ticket Change Indicator
168	1	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Draft Data Edit Criteria

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description: The field must contain the same transaction code as the TCR 0.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain one of these values: 0 = Default 1 = Account Funding 2 = Original Credit This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 3 .
Reserved Positions: 5–14 Length: 10 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Draft Data Edit Criteria

Business Application ID Positions: 15–16 Length: 2 Format: alphanumeric	Description: This field provides additional information regarding the usage and application of the transaction. Please refer to the <i>BASE II Clearing Data Codes</i> manual for a list of valid codes.
Business Format Code Positions: 17–18 Length: 2 Format: alphanumeric	Description: Code indicating the type of business that is applicable to this transaction. If the Merchant Category Code on the TCR 0 indicates an airline or a passenger railway, this field must contain AI (Passenger Itinerary) format. This entry is not valid for cash disbursement transactions.
Reserved Positions: 19–26 Length: 8 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Passenger Name Positions: 27–46 Length: 20 Format: alphanumeric	Description: Name of passenger. National—U.S.: This field cannot begin with a space on originals and their reversals of Passenger Transport transactions requesting EIRF or any custom payment service. VIC Edit, Intraregional EU and Domestic EU: For Miscellaneous Airline Charges, this field must be present. May be the cardholder name if the passenger name is unavailable. Must be nonblank. VIC Edit, Intraregional EU and Domestic EU: To qualify for Airline IRF, the first position must not be a space.
Departure Date Positions: 47–52 Length: 6 Format: unpacked numeric	Description: Date of passenger's departure. The field may contain zeros or a valid date in the format MMDDYY (month, day, year). The date may be a future one.
Origination City/Airport Code Positions: 53–55 Length: 3 Format: alphanumeric	Description: Code indicating the city and/or airport where the trip originates. National—U.S.: This field may not contain all spaces or all zeros for originals and their reversals of Passenger Transport transactions requesting EIRF or any custom payment service. VIC Edit, Intraregional EU and Domestic EU: For Miscellaneous Airline Charges, value must be XAA . This field must not contain all spaces or all zeros for transactions requesting the Airline IRF.

Draft Data Edit Criteria

Trip Leg 1 Information Positions: 56–62 Length: 7 Format: group	Description: Description of first leg of trip. Up to four groups of data from trip leg data can be entered; one group for each trip leg, up to four legs total, is allowed. Refer to TC 50 format descriptions for the additional Passenger Itinerary Data - Leg-Specific for legs 5 through 32. The Carrier Code, Service Class, and Destination City/Airport Code are edited only on Leg 1. Only the Stop-Over Code is edited for all four legs in this record. The entry must be in the format shown in the sub-fields below.
Carrier Code Positions: 56–57 Length: 2 Format: alphanumeric	Description: Code indicating name of carrier (United Airlines, Jet Blue, etc.). National—U.S.: The entry may not contain all spaces or zeros for originals and reversals of Passenger Transport transactions requesting EIRF or any custom payment service. VIC Edit, Intraregional EU and Domestic EU: For Miscellaneous Airline Charges this field must be present and nonblank. This field must not contain all spaces or all zeros for transactions requesting the Airline IRF.
Service Class Positions: 58 Length: 1 Format: alphanumeric	Description: Indicates service class (first class, business class, etc.). National—U.S.: The entry may not be a space or zero for originals and reversals of Passenger Transport transactions requesting EIRF or any custom payment service. VIC Edit, Intraregional EU and Domestic EU: This field may not be a space or zero for transactions requesting Airline IRF.
Stop-Over Code Positions: 59 Length: 1 Format: alphanumeric	Description: Indicates whether a stopover is allowed on this ticket. The entry must be a space , O , or X . Values: O = Stopover allowed X = Stopover not allowed
Destination City/Airport Code Positions: 60–62 Length: 3 Format: alphanumeric	Description: Indicates destination city's airport code. National—U.S.: The entry may not contain all spaces or zeros for originals and reversals of Passenger Transport transactions requesting EIRF or any custom payment service. VIC Edit, Intraregional EU and Domestic EU: For Miscellaneous Airline Charges, must be a valid value. Refer to <i>BASE II Clearing Data Codes</i> for valid values. This field must not contain all spaces or all zeros, for transactions requesting Airline IRF.
Trip Leg 2 Information Positions: 63–69 Length: 7 Format: group	Description: Description of second leg of trip.

Draft Data Edit Criteria

Carrier Code Positions: 63–64 Length: 2 Format: alphanumeric	Description: Code indicating name of carrier (United Airlines, Jet Blue, etc.). Edited only on Leg 1.
Service Class Positions: 65 Length: 1 Format: alphanumeric	Description: Indicates service class (first class, business class, etc.). Edited only on Leg 1.
Stop-Over Code Positions: 66 Length: 1 Format: alphanumeric	Description: Indicates whether a stopover is allowed on this ticket. The entry must be a space , O , or X . Values: O = Stopover allowed X = Stopover not allowed
Destination City/Airport Code Positions: 67–69 Length: 3 Format: alphanumeric	Description: Indicates destination city's airport code. Edited only on Leg 1.
Trip Leg 3 Information Positions: 70–76 Length: 7 Format: group	Description: Description of third leg of trip.
Carrier Code Positions: 70–71 Length: 2 Format: alphanumeric	Description: Code indicating name of carrier (United Airlines, Jet Blue, etc.). Edited only on Leg 1.
Service Class Positions: 72 Length: 1 Format: alphanumeric	Description: Indicates service class (first class, business class, etc.). Edited only on Leg 1.
Stop-Over Code Positions: 73 Length: 1 Format: alphanumeric	Description: Indicates whether a stopover is allowed on this ticket. The entry must be a space , O , or X . Values: O = Stopover allowed X = Stopover not allowed

Draft Data Edit Criteria

Destination City/Airport Code Positions: 74–76 Length: 3 Format: alphanumeric	Description: Indicates destination city's airport code. Edited only on Leg 1.
Trip Leg 4 Information Positions: 77–83 Length: 7 Format: group	Description: Description of fourth leg of trip.
Carrier Code Positions: 77–78 Length: 2 Format: alphanumeric	Description: Code indicating name of carrier (United Airlines, Jet Blue, etc.). Edited only on Leg 1.
Service Class Positions: 79 Length: 1 Format: alphanumeric	Description: Indicates service class (first class, business class, etc.). Edited only on Leg 1.
Stop-Over Code Positions: 80 Length: 1 Format: alphanumeric	Description: Indicates whether a stopover is allowed on this ticket. The entry must be a space , O , or X . Values: O = Stopover allowed X = Stopover not allowed
Destination City/Airport Code Positions: 81–83 Length: 3 Format: alphanumeric	Description: Indicates destination city's airport code. Edited only on Leg 1.
Travel Agency Code Positions: 84–91 Length: 8 Format: alphanumeric	Description: Code identifying travel agency if the ticket was issued by a travel agency.
Travel Agency Name Positions: 92–116 Length: 25 Format: alphanumeric	Description: Name of travel agency if the ticket was issued by a travel agency.

Draft Data Edit Criteria

Restricted Ticket Indicator Positions: 117 Length: 1 Format: alphanumeric	Description: Indicates whether this ticket is non-refundable. This entry should be supplied on CPS/Passenger Transport 1 or 2 transactions if the ticket was purchased as a non-refundable ticket. The entry must be a space, 0 , or 1 . Space or 0 = No restriction 1 = Restricted (nonrefundable) ticket
Fare Basis Code—Leg 1 Positions: 118–123 Length: 6 Format: alphanumeric	Description: Fare basis code used for Leg 1 of the trip. This field may contain spaces.
Fare Basis Code—Leg 2 Positions: 124–129 Length: 6 Format: alphanumeric	Description: Fare basis code used for Leg 2 of the trip. This field may contain spaces.
Fare Basis Code—Leg 3 Positions: 130–135 Length: 6 Format: alphanumeric	Description: Fare basis code used for Leg 3 of the trip. This field may contain spaces.
Fare Basis Code—Leg 4 Positions: 136–141 Length: 6 Format: alphanumeric	Description: Fare basis code used for Leg 4 of the trip. This field may contain spaces.
Computerized Reservation System Positions: 142–145 Length: 4 Format: alphanumeric	Description: Indicates the computerized reservation system used to make the reservation and purchase the ticket. National—Germany: This field should contain spaces or one of these codes: STRT = Start PARS = TWA DATS = Delta SABR = Sabre DALA = Covia-Apollo BLAN = Dr. Blank DERD = DER TUID = TUI

Draft Data Edit Criteria

Flight Number—Leg 1 Positions: 146–150 Length: 5 Format: alphanumeric	Description: Number of the airline flight to be taken on Leg 1 of the trip. This field may contain spaces.
Flight Number—Leg 2 Positions: 151–155 Length: 5 Format: alphanumeric	Description: Number of the airline flight to be taken on Leg 2 of the trip. This field may contain spaces.
Flight Number—Leg 3 Positions: 156–160 Length: 5 Format: alphanumeric	Description: Number of the airline flight to be taken on Leg 3 of the trip. This field may contain spaces.
Flight Number—Leg 4 Positions: 161–165 Length: 5 Format: alphanumeric	Description: Number of the airline flight to be taken on Leg 4 of the trip. This field may contain spaces.
Credit Reason Indicator Positions: 166 Length: 1 Format: alphanumeric	Description: Indicates the reason for a credit to the cardholder. This field should contain spaces or one of these codes: A – Passenger transport ancillary purchase cancellation B – Airline ticket and passenger transport ancillary purchase cancellation C – Airline ticket cancellation O – Other P – Partial refund of airline ticket VIC edit: The VIC will change invalid values to space .
Ticket Change Indicator Positions: 167 Length: 1 Format: alphanumeric	Description: Indicates why a ticket was changed. This field should contain spaces or one of these codes: C – Change to existing ticket N – New ticket VIC edit: The VIC will change invalid values to space .
Reserved Positions: 168 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 05 - TCR 3 Passenger Transport Ancillary Data

These tables contain the Draft Data (TC 05, 06, 15, 16, 25, 26, 35, 36) record layout and edit criteria for TCR 3 - INDUSTRY-SPECIFIC DATA - PASSENGER TRANSPORT ANCILLARY DATA.

Draft Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-14	10	AN	Reserved
15-16	2	AN	Business Application ID
17-18	2	AN	Business Format Code (AN)
19-33	15	AN	Ancillary Ticket Document Number
34-37	4	AN	Ancillary Service Category 1
38-41	4	AN	Ancillary Service Sub-Category 1
42-45	4	AN	Ancillary Service Category 2
46-49	4	AN	Ancillary Service Sub-Category 2
50-53	4	AN	Ancillary Service Category 3
54-57	4	AN	Ancillary Service Sub-Category 3
58-61	4	AN	Ancillary Service Category 4
62-65	4	AN	Ancillary Service Sub-Category 4
66-85	20	AN	Passenger Name
86-100	15	AN	Issued in Connection With Ticket Number
101	1	AN	Credit Reason Indicator
102-168	67	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Draft Data Edit Criteria

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description: This field must contain the same transaction code as the TCR 0.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain one of these values: 0 = Default 1 = Account Funding 2 = Original Credit This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 3 .
Reserved Positions: 5–14 Length: 10 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Business Application ID Positions: 15–16 Length: 2 Format: alphanumeric	Description: This field provides additional information regarding the usage and application of the transaction. Please refer to the <i>BASE II Clearing Data Codes</i> manual for a list of valid codes.
Business Format Code Positions: 17–18 Length: 2 Format: alphanumeric	Description: Code indicating the type of business that is applicable to this transaction. If the Merchant Category Code in the TCR 0 indicates an airline or a passenger railway, this field must contain the AN (Passenger Transport Ancillary Data) format. This entry is not valid for cash disbursement transactions.
Ancillary Ticket Document Positions: 19–33 Length: 15 Format: alphanumeric	Description: The form number assigned by the carrier for the transaction. The value of this field includes the carrier code, form, and serial number, without the check digit. National—U.S.: The entry may not contain all spaces or all zeros for originals and reversals of Passenger Transport transactions requesting EIRF or a custom payment service. VIC Edit Intraregional EU and Domestic EU: This field must not contain all spaces for transactions requesting the Airline IRF.

Draft Data Edit Criteria

Ancillary Service Category 1 Positions: 34–37 Length: 4 Format: alphanumeric	Description: Ancillary Service Category code for the sole, or primary, type of service that has been provided. This field may contain any alphanumeric value up to four characters. For Ancillary Service Category code values, see <i>BASE II Clearing Data Codes</i> . National—U.S.: The entry may not contain all spaces for originals and reversals of Passenger Transport transactions requesting EIRF or a custom payment service. VIC Edit, Intraregional EU and Domestic EU: This field must not contain all spaces for transactions requesting the Airline IRF.
Ancillary Service Sub-Category 1 Positions: 38–41 Length: 4 Format: alphanumeric	Description: Ancillary Service Sub-Category code for the Ancillary Service Category 1.
Ancillary Service Category 2 Positions: 42–45 Length: 4 Format: alphanumeric	Description: Ancillary Service Category code for an additional second type of service that has been provided.
Ancillary Service Sub-Category 2 Positions: 46–49 Length: 4 Format: alphanumeric	Description: Ancillary Service Sub-Category code for the Ancillary Service Category 2.
Ancillary Service Category 3 Positions: 50–53 Length: 4 Format: alphanumeric	Description: Ancillary Service Category code for an additional third type of service that has been provided.
Ancillary Service Sub-Category 3 Positions: 54–57 Length: 4 Format: alphanumeric	Description: Ancillary Service Sub-Category code for the Ancillary Service Category 3.
Ancillary Service Category 4 Positions: 58–61 Length: 4 Format: alphanumeric	Description: Ancillary Service Category code for an additional fourth type of service that has been provided.

Draft Data Edit Criteria

Ancillary Service Sub-Category 4 Positions: 62–65 Length: 4 Format: alphanumeric	Description: Ancillary Service Sub-Category code for the Ancillary Service Category 4.
Passenger Name Positions: 66–85 Length: 20 Format: alphanumeric	Description: Either the passenger's name or the cardholder's name if the passenger's name is unavailable. If the name is not available, a description of the ancillary purchase should be used. National—U.S.: The entry may not contain all spaces for originals and reversals of Passenger Transport transactions requesting EIRF or a custom payment service. VIC Edit, Intraregional EU and Domestic EU: This field must not contain all spaces for transactions requesting the Airline IRF.
Issued in Connection With Ticket Number Positions: 86–100 Length: 15 Format: alphanumeric	Description: If this purchase has a connection or relationship to another purchase, such as a baggage fee for a passenger transport ticket, this field should contain the ticket document number for the other purchase. For a stand-alone purchase, this field should contain the same value as the value in the Ancillary Ticket Document Number field. National—U.S.: The entry may not contain all spaces for originals and reversals of Passenger Transport transactions requesting EIRF or a custom payment service. VIC Edit, Intraregional EU and Domestic EU: This field must not contain all spaces for transactions requesting the Airline IRF.
Credit Reason Indicator Positions: 101 Length: 1 Format: alphanumeric	Description: Indicates the reason for a credit to the cardholder. This field should contain space or one of these codes: A – Passenger Transport Ancillary Purchase Cancellation B – Airline Ticket and Passenger Transport Ancillary Purchase Cancellation O – Other VIC Edit: The VIC will change invalid values to spaces.
Reserved Positions: 102–168 Length: 67 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 05 - TCR 3 Lodging

These tables contain the Draft Data (TC 05, 06, 15, 16, 25, 26, 35, 36) record layout and edit criteria for TCR 3 - INDUSTRY-SPECIFIC DATA - LODGING.

CTF - Outgoing and Incoming Interchange

Draft Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-14	10	AN	Reserved
15-16	2	AN	Business Application ID
17-18	2	AN	Business Format Code (LG)
19-26	8	AN	Reserved
27	1	AN	Lodging No-Show Indicator
28-33	6	UN	Lodging Extra Charges
34-37	4	AN	Reserved
38-43	6	UN	Lodging Check-in Date (YYMMDD)
44-55	12	UN	Daily Room Rate
56-67	12	UN	Total Tax
68-79	12	UN	Prepaid Expenses
80-91	12	UN	Food/Beverage Charges
92-103	12	UN	Folio Cash Advances
104-105	2	UN	Room Nights
106-117	12	UN	Total Room Tax
118-168	51	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Draft Data Edit Criteria

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description: The field must contain the same transaction code as the TCR 0.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain one of these values: 0 = Default 1 = Account Funding 2 = Original Credit This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 3 .
Reserved Positions: 5–14 Length: 10 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Business Application ID Positions: 15–16 Length: 2 Format: alphanumeric	Description: This field provides additional information regarding the usage and application of the transaction. Please refer to the <i>BASE II Clearing Data Codes</i> manual for a list of valid codes.
Business Format Code Positions: 17–18 Length: 2 Format: alphanumeric	Description: Code indicating the type of business that is applicable to this transaction. Contains the LG (Lodging) format. This entry is not valid for cash disbursement transactions.
Reserved Positions: 19–26 Length: 8 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Draft Data Edit Criteria

Lodging No-Show Indicator Positions: 27 Length: 1 Format: alphanumeric	Description: An indicator that the cardholder is being billed for a reserved room that was not actually rented (AKA a “no-show” charge). The issuer may provide this information on the customer statement or use it to enhance customer service information. Values: 0 = Not applicable 1 = No-show To qualify for the CPS/Hotel (Card Not Present) or CPS/Hotel (Card Present) PSIRF, this field must be used if the transaction is due to a no-show charge.
Lodging Extra Charges Positions: 28–33 Length: 6 Format: unpacked numeric	Description: This field may be used to indicate the type of additional charges added to a customer's bill after check-out. Each position in the field can be used to indicate a type of charge. If there are less than six additional charges, they must be left-justified, space-filled or zero-filled to the right. Lodging Extra Charges codes are: Space = No extra charge 0 = No extra charge 2 = Restaurant 3 = Gift Shop 4 = Mini Bar 5 = Telephone 6 = Other 7 = Laundry If there are no extra charges, this field must be all spaces or all zeros . To qualify for the CPS/Retail, CPS/Hotel (Card Not Present), or CPS/Hotel (Card Present) PSIRF, this field must be used if there were additional charges.
Reserved Positions: 34–37 Length: 4 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Lodging Check-In Date Positions: 38–43 Length: 6 Format: unpacked numeric	Description: The date the customer checked into the hotel, or in the case of a no-show or an advance lodging, the scheduled arrival date. The entry must be a six-digit numeric, either zeros or a valid date, in the format YYMMDD . VIC Edit: To qualify for the CPS/Retail, CPS/Hotel (Card Not Present), or CPS/Hotel (Card Present) PSIRF, this entry must be a valid date.
Daily Room Rate Positions: 44–55 Length: 12 Format: unpacked numeric	Description: Daily rate being charged for the room. The entry must be numeric, two decimal positions are implied. If the entry is not numeric, the BASE II VIC will insert zeros.

Draft Data Edit Criteria

Total Tax Positions: 56–67 Length: 12 Format: unpacked numeric	Description: Tax portion of the amount being billed. The entry must be numeric, two decimal positions are implied. If the entry is not numeric, the BASE II VIC will insert zeros.
Prepaid Expenses Positions: 68–79 Length: 12 Format: unpacked numeric	Description: Any prepaid expenses being billed. The entry must be numeric, two decimal positions are implied. If the entry is not numeric, the BASE II VIC will insert zeros.
Food/Beverage Charges Positions: 80–91 Length: 12 Format: unpacked numeric	Description: All food and beverage charges. The entry must be numeric, two decimal positions are implied. If the entry is not numeric, the BASE II VIC will insert zeros.
Folio Cash Advances Positions: 92–103 Length: 12 Format: unpacked numeric	Description: Any Folio cash advances being billed. The entry must be numeric, two decimal positions are implied. If the entry is not numeric, the BASE II VIC will insert zeros.
Room Nights Positions: 104–105 Length: 2 Format: unpacked numeric	Description: Number of nights being billed. The entry must be numeric. The entry may contain zeros. If the entry is not numeric, the BASE II VIC will insert zeros.
Total Room Tax Positions: 106–117 Length: 12 Format: unpacked numeric	Description: Total room tax being billed. The entry must be numeric, two decimal positions are implied. The entry may contain zeros. If the entry is not numeric, the BASE II VIC will insert zeros.
Reserved Positions: 118–168 Length: 51 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 05 - TCR 3 Car Rental

These tables contain the Draft Data (TC 05, 06, 15, 16, 25, 26, 35, 36) record layout and edit criteria for TCR 3 - INDUSTRY-SPECIFIC DATA - CAR RENTAL.

CTF - Outgoing and Incoming Interchange

Draft Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-14	10	AN	Reserved
15-16	2	AN	Business Application ID
17-18	2	AN	Business Format Code (CA)
19-20	2	UN	Days Rented
21-26	6	AN	Reserved
27	1	AN	Car Rental No-Show Indicator
28-33	6	UN	Car Rental Extra Charges
34-37	4	AN	Reserved
38-43	6	UN	Car Rental Check-out Date (YYMMDD)
44-55	12	UN	Daily Rental Rate
56-67	12	UN	Weekly Rental Rate
68-79	12	UN	Insurance Charges
80-91	12	UN	Fuel Charges
92-93	2	AN	Car Class Code
94-105	12	UN	One-Way Drop-off Charges
106-145	40	AN	Renter Name
146-168	23	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Draft Data Edit Criteria

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description: The field must contain the same transaction code as the TCR 0.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain one of these values: 0 = Default 1 = Account Funding 2 = Original Credit This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 3 .
Reserved Positions: 5–14 Length: 10 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Business Application ID Positions: 15–16 Length: 2 Format: alphanumeric	Description: This field provides additional information regarding the usage and application of the transaction. Please refer to the <i>BASE II Clearing Data Codes</i> manual for a list of valid codes.
Business Format Code Positions: 17–18 Length: 2 Format: alphanumeric	Description: Code indicating the type of business that is applicable to this transaction. This field must contain CA (Car Rental). This entry is not valid for cash disbursement transactions.
Days Rented Positions: 19–20 Length: 2 Format: unpacked numeric	Description: Number of days the vehicle was rented. The entry must be numeric. The entry may contain zeros. If the entry is not numeric, the BASE II VIC will insert zeros.

Draft Data Edit Criteria

Reserved Positions: 21–26 Length: 6 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Car Rental No-Show Indicator Positions: 27 Length: 1 Format: alphanumeric	Description: An indicator that the cardholder is being billed for a reserved vehicle that was not actually rented (that is, a “no-show” charge). The entry must be zero or 1 . 0 = Not applicable 1 = No-show for a Specialized Vehicle To qualify for the CPS/Car Rental (Card Not Present) or CPS/Car Rental (Card Present) PSIRF, this field must be used if the transaction is due to a no-show for a specialized vehicle.
Car Rental Extra Charges Positions: 28–33 Length: 6 Format: unpacked numeric	Description: Additional charges (gas, late fee, etc.) being billed. Valid Car Rental Extra Charges codes are: Space = No extra charge 0 = No Extra Charge 1 = Gas 2 = Extra Mileage 3 = Late Return 4 = One Way Service Fee 5 = Parking Violation If there are no extra charges, this field must be all spaces or all zeros . Note: To qualify for the CPS/Retail, CPS/Car Rental (Card Not Present), or CPS/Car Rental (Card Present) PSIRF, this field must be used if there were additional charges.
Reserved Positions: 34–37 Length: 4 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Car Rental Check-Out Date Positions: 38–43 Length: 6 Format: unpacked numeric	Description: Date the customer picked up the car or, in the case of a no-show or pre-pay transaction, the scheduled pick up date. The entry must be a six-digit numeric, either zeros or a valid date, in the format YYMMDD . VIC Edit: To qualify for the CPS/Retail, CPS/Car Rental (Card Not Present), or CPS/Car Rental (Card Present) PSIRF, this entry must be a valid date.
Daily Rental Rate Positions: 44–55 Length: 12 Format: unpacked numeric	Description: Daily rate being charged for the vehicle. The entry must be numeric, two decimal positions are implied. If the entry is not numeric, the BASE II VIC will insert zeros.

Draft Data Edit Criteria

Weekly Rental Rate Positions: 56–67 Length: 12 Format: unpacked numeric	Description: Weekly rate being charged for the vehicle. The entry must be numeric, two decimal positions are implied. If the entry is not numeric, the BASE II VIC will insert zeros.
Insurance Charges Positions: 68–79 Length: 12 Format: unpacked numeric	Description: Any insurance being charged for the vehicle. The entry must be numeric, two decimal positions are implied. If the entry is not numeric, the BASE II VIC will insert zeros.
Fuel Charges Positions: 80–91 Length: 12 Format: unpacked numeric	Description: Fuel charges for the vehicle. The entry must be numeric, two decimal positions are implied. If the entry is not numeric, the BASE II VIC will insert zeros.
Car Class Code Positions: 92–93 Length: 2 Format: alphanumeric	Description: Code indicating the vehicle's class. The entry may be spaces.
One-Way Drop-Off Charges Positions: 94–105 Length: 12 Format: unpacked numeric	Description: Any charges for one-way drop-off of the vehicle (that is, additional charges for returning the vehicle at a location other than the pickup point). The entry must be numeric, two decimal positions are implied. If the entry is not numeric, the BASE II VIC will insert zeros.
Renter Name Positions: 106–145 Length: 40 Format: alphanumeric	Description: Name of renter. The entry may be spaces.
Reserved Positions: 146–168 Length: 23 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 05 - TCR 3 Fleet Service

These tables contain the Draft Data (TC 05, 06, 15, 16, 25, 26, 35, 36) record layout and edit criteria for TCR 3 - INDUSTRY-SPECIFIC DATA - FLEET SERVICE.

CTF - Outgoing and Incoming Interchange

Draft Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-14	10	AN	Reserved
15-16	2	AN	Business Application ID
17-18	2	AN	Business Format Code (FL)
19-22	4	AN	Reserved
23-26	4	AN	Expanded Fuel Type
27	1	AN	Type of Purchase
28-29	2	AN	Fuel Type
30	1	AN	Unit of Measure
31-42	12	UN	Quantity
43-54	12	UN	Unit Cost
55-66	12	UN	Gross Fuel Price
67-78	12	UN	Net Fuel Price
79-90	12	UN	Gross Non-Fuel Price
91-102	12	UN	Net Non-Fuel Price
103-109	7	AN	Odometer Reading
110-113	4	UN	VAT/Tax Rate
114-125	12	UN	Miscellaneous Fuel Tax
126-131	6	AN	Product Qualifier
132-137	6	AN	Reserved
138-149	12	UN	Miscellaneous Non-Fuel Tax
150	1	AN	Service Type
151	1	AN	Miscellaneous Fuel Tax Exemption Status
152	1	AN	Miscellaneous Non-Fuel Tax Exemption Status
153-168	16	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Draft Data Edit Criteria

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description: The field must contain the same transaction code as the TCR 0.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain one of these values: 0 = Default 1 = Account Funding 2 = Original Credit This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 3 .
Reserved Positions: 5–14 Length: 10 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Business Application ID Positions: 15–16 Length: 2 Format: alphanumeric	Description: This field provides additional information regarding the usage and application of the transaction. Please refer to the <i>BASE II Clearing Data Codes</i> manual for a list of valid codes.
Business Format Code Positions: 17–18 Length: 2 Format: alphanumeric	Description: Code indicating the type of business that is applicable to this transaction. This field must contain FL (for Fleet service).
Reserved Positions: 19–22 Length: 4 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Draft Data Edit Criteria

Expanded Fuel Type Positions: 23–26 Length: 4 Format: alphanumeric	Description: This field contains the Expanded Fuel Type. This field should be left-justified and space-filled.
Type of Purchase Positions: 27 Length: 1 Format: alphanumeric	Description: Type of purchase (gas, non-fuel item, etc.). Values: 1 = Fuel Purchase 2 = Non-Fuel Purchase 3 = Fuel and Non-Fuel Purchase
Fuel Type Positions: 28–29 Length: 2 Format: alphanumeric	Description: Type of fuel (unleaded regular, diesel, gasohol, etc.) See <i>BASE II Clearing Data Codes</i> for valid Fuel Type codes.
Unit of Measure Positions: 30 Length: 1 Format: alphanumeric	Description: Unit of measure used for fuel. Values: L = Liter G = U.S. Gallon I = Imperial Gallon K = Kilo P = Pound
Quantity Positions: 31–42 Length: 12 Format: unpacked numeric	Description: Quantity of fuel being billed. Four decimal places are implied. If the entry is not numeric, the BASE II VIC will insert zeros.
Unit Cost Positions: 43–54 Length: 12 Format: unpacked numeric	Description: Cost of fuel per unit of measure (for example, dollars per gallon). Four decimal places are implied. If the entry is not numeric, the BASE II VIC will insert zeros.
Gross Fuel Price Positions: 55–66 Length: 12 Format: unpacked numeric	Description: Gross fuel price. Four decimal places are implied. If the entry is not numeric, the BASE II VIC will insert zeros.

Draft Data Edit Criteria

Net Fuel Price Positions: 67–78 Length: 12 Format: unpacked numeric	Description: Net fuel price. Four decimal places are implied. If the entry is not numeric, the BASE II VIC will insert zeros.
Gross Non-Fuel Price Positions: 79–90 Length: 12 Format: unpacked numeric	Description: Gross price of non-fuel items. Two decimal places are implied. If the entry is not numeric, the BASE II VIC will insert zeros.
Net Non-Fuel Price Positions: 91–102 Length: 12 Format: unpacked numeric	Description: Net price of non-fuel items. Two decimal places are implied. If the entry is not numeric, the BASE II VIC will insert zeros.
Odometer Reading Positions: 103–109 Length: 7 Format: alphanumeric	Description: Reading taken from vehicle's odometer.
VAT/Tax Rate Positions: 110–113 Length: 4 Format: unpacked numeric	Description: Value Added Tax or other tax on amount being charged. Two decimal places are implied. If the entry is not numeric, the BASE II VIC will insert zeros.
Miscellaneous Fuel Tax Positions: 114–125 Length: 12 Format: unpacked numeric	Description: Fuel tax being charged. If the entry is not numeric, the BASE II VIC will insert zeros. This field must be numeric. Two decimal places are implied.
Product Qualifier Positions: 126–131 Length: 6 Format: alphanumeric	Description: This field contains the Product Qualifier. This field should be left-justified and space-filled.
Reserved Positions: 132–137 Length: 6 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Draft Data Edit Criteria

Miscellaneous Non-Fuel Tax Positions: 138–149 Length: 12 Format: unpacked numeric	Description: Tax being charged for non-fuel items. If the entry is not numeric, the BASE II VIC will insert zeros. This field must be numeric. Two decimal places are implied.
Service Type Positions: 150 Length: 1 Format: alphanumeric	Description: Identifies type of service at the fuel station. Values: Space = Non-Fuel Transaction F = Full service S = Self Service
Miscellaneous Fuel Tax Exemption Status Positions: 151 Length: 1 Format: alphanumeric	Description: Indicates whether the fuel purchase was exempt from fuel tax. Values: Blank = Default 0 = Non-Exempt 1 = Exempt
Miscellaneous Non-Fuel Tax Exemption Status Positions: 152 Length: 1 Format: alphanumeric	Description: Whether the non-fuel purchase was exempt from tax. Values: 0 = Non-Exempt 1 = Exempt
Reserved Positions: 153–168 Length: 16 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 05 - TCR 3 Loan Detail

These tables contain the Draft Data (TC 05, 06, 15, 16, 25, 26, 35, 36) record layout and edit criteria for TCR 3 - INDUSTRY-SPECIFIC DATA - LOAN DETAIL.

CTF - Outgoing and Incoming Interchange

Draft Data Record Layout

Position	Field Length	Format	Contents
1–2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5–16	12	AN	Reserved
17–18	2	AN	Business Format Code
19–22	4	AN	Cardholder Tax ID Type
23–37	15	AN	Cardholder Tax ID
38–39	2	AN	Reserved
40	1	AN	Asset Indicator
41–60	20	AN	Loan Type
61–66	6	AN	Merchant Program Identifier
67–168	102	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Draft Data Edit Criteria

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description: This field must contain the same transaction code as the TCR 0.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain one of these values: 0 = Default 1 = Account Funding 2 = Original Credit This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 3 .

Draft Data Edit Criteria

Reserved Positions: 5–16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Business Format Code Positions: 17–18 Length: 2 Format: alphanumeric	Description: Code indicating the type of business that is applicable to this transaction. This field must contain LD (Loan Detail). This entry is not valid for cash disbursement transactions.
Cardholder Tax ID Type Positions: 19–22 Length: 4 Format: alphanumeric	Description: Optionally present. National Brazil: Two types of tax IDs can be provided: <ul style="list-style-type: none">• CNPJ-Company Tax• CPF-Consumer Tax This field should be left-justified and space-filled.
Cardholder Tax ID Positions: 23–37 Length: 15 Format: alphanumeric	Description: Optionally present. National-Brazil: Data should be present when the product ID is S6 and the transaction is Brazil domestic.
Reserved Positions: 38–39 Length: 2 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Asset Indicator Positions: 40 Length: 1 Format: alphanumeric	Description: Optionally present. National-Brazil: Data should be present when the product ID is S6 and the transaction is Brazil domestic. Valid values are Y (yes) or N (no).
Loan Type Positions: 41–60 Length: 20 Format: alphanumeric	Description: Optionally present.

Draft Data Edit Criteria

Merchant Program Identifier Positions: 61–66 Length: 6 Format: alphanumeric	Description: Optionally present. National-Brazil: When the product ID is S6, this value should be BNDES . This field should be left-justified and space-filled.
Reserved Positions: 67–168 Length: 102 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 05 - TCR 3 Business Application Data

These tables contain the Draft Data (TC 05, 06, 15, 16, 25, 26, 35, 36) record layout and edit criteria for TCR 3 - INDUSTRY-SPECIFIC DATA - BUSINESS APPLICATION DATA.

CTF - Outgoing and Incoming Interchange

Draft Data Record Layout

Position	Field Length	Format	Contents
1–2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5–15	11	AN	Reserved
16	1	AN	Fast Funds Indicator
17–18	2	AN	Business Format Code
19–20	2	AN	Business Application ID
21	1	AN	Source of Funds
22–23	2	AN	Payment Reversal Reason Code
24–39	16	AN	Sender Reference Number
40–73	34	AN	Sender Account Number
74–103	30	AN	Sender Name
104–138	35	AN	Sender Address

Draft Data Record Layout

Position	Field Length	Format	Contents
139–163	25	AN	Sender City
164–165	2	AN	Sender State
166–168	3	AN	Sender Country

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Draft Data Edit Criteria

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description: The field must contain the same transaction code as the TCR 0.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain one of these values: 0 = Default 1 = Account Funding 2 = Original Credit This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 3 .
Reserved Positions: 5–15 Length: 11 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Fast Funds Indicator Positions: 16 Length: 1 Format: alphanumeric	Description: VIC Edit: VIC will return the transaction if any non-space value is present on an Original Transaction.

Draft Data Edit Criteria

Business Format Code Positions: 17–18 Length: 2 Format: alphanumeric	Description: Code indicating the type of business that is applicable to this transaction. This field must contain CR (for Business Application Data).
Business Application ID Positions: 19–20 Length: 2 Format: alphanumeric	Description: This field provides additional information regarding the usage and application of the transaction. Please refer to the <i>BASE II Clearing Data Codes</i> manual for a list of valid codes.
Source of Funds Positions: 21 Length: 1 Format: alphanumeric	Description: This field should contain one of these values: 1 = Cash 2 = Check 3 = Card
Payment Reversal Reason Code Positions: 22–23 Length: 2 Format: alphanumeric	Description: This field should contain one of these values: 01 = Returned check not sufficient funds (NSF) 02 = Returned check stop payment 03 = Returned check account closed 04 = Returned check refer to maker 05 = Returned check – other Spaces = Unspecified
Sender Reference Number Positions: 24–39 Length: 16 Format: alphanumeric	Description: This field will contain a transaction reference number that is provided by the originator and can be used to uniquely identify the sender. Domestic: This field is required if the Business Application ID field (pos. 19–20) of the TCR 3 = AA or PP AND the Sender Account Number field (pos. 39–66) is spaces . Transactions that fail the edit criteria will be returned with new Return Reason Code = V4 – Money Transfer Data Requirement Not Met - Missing AML Data . International: This field is required if the Business Application ID field (pos. 19–20) of the TCR 3 = AA or PP AND the Sender Account Number field (pos. 39–66) is spaces . Transactions that fail the edit criteria will be returned with new Return Reason Code = V4 – Money Transfer Data Requirement Not Met - Missing AML Data .

Draft Data Edit Criteria

<p>Sender Account Number</p> <p>Positions: 40–73</p> <p>Length: 34</p> <p>Format: alphanumeric</p>	<p>Description: This field will contain the sender's card number or bank account number from which the funds are to be taken.</p> <p>Domestic: This field is required if the Business Application ID field (pos. 19–20) of the TCR 3 = AA or PP AND the Sender Account Number field (pos. 24–38) is spaces. Transactions that fail the edit criteria will be returned with new Return Reason Code = V4 – Money Transfer Data Requirement Not Met - Missing AML Data.</p> <p>International: This field is required if the Business Application ID field (pos. 19–20) of the TCR 3 = AA or PP AND the Sender Account Number field (pos. 24–38) is spaces. Transactions that fail the edit criteria will be returned with new Return Reason Code = V4 – Money Transfer Data Requirement Not Met - Missing AML Data.</p>
<p>Sender Name</p> <p>Positions: 74–103</p> <p>Length: 30</p> <p>Format: alphanumeric</p>	<p>Description: This field will contain the name of the person or entity for the account from which funds are to be taken.</p>
<p>Sender Address</p> <p>Positions: 104–138</p> <p>Length: 35</p> <p>Format: alphanumeric</p>	<p>Description: This field will contain the address of the person or entity for the account from which funds are to be taken.</p> <p>International: This field is required if the Business Application ID field (pos. 19–20) of the TCR 3 = AA or PP. Transactions that fail the edit criteria will be returned with new Return Reason Code = V4 – Money Transfer Data Requirement Not Met - Missing AML Data.</p>
<p>Sender City</p> <p>Positions: 139–163</p> <p>Length: 25</p> <p>Format: alphanumeric</p>	<p>Description: This field will contain the city of the person or entity for the account from which funds are to be taken.</p> <p>International: This field is required if the Business Application ID field (pos. 19–20) of the TCR 3 = AA or PP. Transactions that fail the edit criteria will be returned with new Return Reason Code = V4 – Money Transfer Data Requirement Not Met - Missing AML Data.</p>
<p>Sender State</p> <p>Positions: 164–165</p> <p>Length: 2</p> <p>Format: alphanumeric</p>	<p>Description: This field will contain the geographical state or province of the person or entity for the account from which funds are to be taken.</p> <p>Interregional/Regional: This field is required if the Business Application ID field (pos. 19–20) of the TCR 3 = AA or PP and the Sender Country Code is U.S. or CA. Transactions that fail the edit criteria will be returned with new Return Reason Code = V4 – Money Transfer Data Requirement Not Met – Missing AML Data.</p>
<p>Sender Country</p> <p>Positions: 166–168</p> <p>Length: 3</p> <p>Format: alphanumeric</p>	<p>Description: This field will contain the country of the person or entity for the account from which funds are to be taken.</p> <p>International: This field is required if the Business Application ID field (pos. 19–20) of the TCR 3 = AA or PP. Transactions that fail the edit criteria will be returned with new Return Reason Code = V4 – Money Transfer Data Requirement Not Met - Missing AML Data.</p>

TC 05 - TCR 4 Supplemental Financial Data

These tables contain the Draft Data (TC 05, 06, 07, 15, 16, 17, 25, 26, 27, 35, 36, 37) record layout and edit criteria for TCR 4 - SUPPLEMENTAL FINANCIAL DATA.

CTF - Outgoing and Incoming Interchange

Draft Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-9	5	AN	Agent Unique ID
10-14	5	AN	Reserved
15-16	2	AN	Business Format Code
17-20	4	UN	Network Identification Code
21-45	25	AN	Contact for Information
46	1	AN	Adjustment Processing Indicator
47-50	4	AN	Message Reason Code
51-58	8	UN	Surcharge Amount
59-60	2	AN	Surcharge Credit/Debit Indicator
61-76	16	AN	Visa_Internal_Use_Only
77-103	27	AN	Reserved
104-111	8	UN	Surcharge Amount in Cardholder Billing Currency
112-119	8	UN	Money Transfer Foreign Exchange Fee
120-148	29	AN	Payment Account Reference
149-159	11	UN	Token Requestor ID
160-168	9	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Draft Data Edit Criteria

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description: The field must contain the same transaction code as the TCR 0.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain one of these values: 0 = Default 1 = Account Funding 2 = Original Credit This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 4 .
Agent Unique ID Positions: 5–9 Length: 5 Format: alphanumeric	Description: This field will contain the agent unique ID value or spaces.
Reserved Positions: 10–14 Length: 5 Format: alphanumeric	Description: This field will be space-filled by the Edit Package.
Business Format Code Positions: 15–16 Length: 2 Format: alphanumeric	Description: Code indicating the type of business that is applicable to this transaction. This field must contain SD (for SMS Data).

Draft Data Edit Criteria

Network Identification Code Positions: 17–20 Length: 4 Format: unpacked numeric	Description: Indicates brand of debit product being used (Visa, Plus, Discover, etc.). The entry must be numeric and may be zeros. This field is mapped to the SMS Network ID field and is included in all non-Visa presentments acquired by SMS. Values: 0002 = Visa (the default if the TCR 4 is not included) 0003 = Interlink 0004 = Plus 0006 = Mastercard 0040 = American Express 0041 = Discover Card 0042 = AFFN 0043 = Diner's Club Dispute Financials Note, National—U.S.: "Plus" issuers are required to retain and return the Network Identification Code in subsequent dispute financials and retrieval requests if this field was received in the original.
Contact Information Positions: 21–45 Length: 25 Format: alphanumeric	Description: Contact information for Plus transactions. The field must contain spaces if not used. It is used for Plus transactions only. Single Message System will drop the field for non-Plus transactions.
Adjustment Processing Indicator Positions: 46 Length: 1 Format: alphanumeric	Description: Indicates if adjustment processing occurred. Values: Space = No adjustment A = Adjustment National—U.S.: "Plus" issuers are required to retain and return this field when it was provided on the original.
Message Reason Code Positions: 47–50 Length: 4 Format: alphanumeric	Description: Message reason code explaining the reason for sending a reversal, adjustment, dispute financials, dispute financials reversal, dispute response financials, or fee collection/funds disbursement (Visa only). This field is mapped to the SMS MIS/CAS Reason Code. The field must contain spaces if not used.

Draft Data Edit Criteria

Surcharge Amount Positions: 51–58 Length: 8 Format: unpacked numeric	Description: Used for cash disbursement (ATM and manual cash) and POS transactions. This field contains an acquirer-assessed cash disbursement access fee or POS transaction surcharge for informational purposes only. When access fee or POS surcharge is assessed in the authorization, the acquirer must include the fee information in the TCR 4 and the amount must be the same as in Field 28 of the authorization request. If the field is used, two decimal positions are implied. The access fee amount in BASE I and V.I.P. Field 28 must be the same as in the authorization request for CPS/ATM original ATM cash disbursements and their reversals.
Surcharge Credit/Debit Indicator Positions: 59–60 Length: 2 Format: alphanumeric	Description: If surcharge, indicates if debit or credit. The entry is optional, but if the field is used, the entry should be CR or DB .
Visa Internal Use Only Positions: 61–76 Length: 16 Format: alphanumeric	Description: This field is used by Visa.
Reserved Positions: 77–103 Length: 27 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Surcharge Amount in Cardholder Billing Currency Positions: 104–111 Length: 8 Format: unpacked numeric	Description: This field will contain the access fee amount in the cardholder billing currency. Note: Two decimal positions are implied.
Money Transfer Foreign Exchange Fee Positions: 112–119 Length: 8 Format: unpacked numeric	Description: This field contains the Senders Foreign Exchange fee on Money Transfer transactions. The entry is optional, but if the field is used, two decimal positions are implied. When present the amount is included in the source transaction amount by the sending institution.
Payment Account Reference Positions: 120–148 Length: 29 Format: alphanumeric	Description: This field will contain Senders Payment Account Reference on original and exception transactions.

Draft Data Edit Criteria

Token Requestor ID Positions: 149–159 Length: 11 Format: unpacked numeric	Description: This field will contain Token Requestor ID for Purchase and Credit Voucher token transactions.
Reserved Positions: 160–168 Length: 9 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 05 - TCR 4 Supplemental Financial and Promotion Data

These tables contain the Draft Data (TC 05, 06, 15, 16, 25, 26, 35, 36) record layout and edit criteria for TCR 4 - SUPPLEMENTAL FINANCIAL AND PROMOTION DATA.

CTF - Outgoing and Incoming Interchange

Draft Data Record Layout

Position	Field Length	Format	Contents
1–2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5–9	5	AN	Agent Unique ID
10–14	5	AN	Reserved
15–16	2	AN	Business Format Code
17–20	4	UN	Network Identification Code
21–45	25	AN	Contact Information
46	1	AN	Adjustment Processing Indicator
47–50	4	AN	Message Reason Code
51–58	8	UN	Surcharge Amount
59–60	2	AN	Surcharge Credit/Debit Indicator
61–76	16	AN	Visa_Internal_Use_Only

Draft Data Record Layout

Position	Field Length	Format	Contents
77–78	2	AN	Promotion Type
79–103	25	AN	Promotion Code
104–111	8	UN	Surcharge Amount in Cardholder Billing Currency
112–140	29	AN	Payment Account Reference
141–151	11	UN	Token Requestor ID
152–168	17	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Draft Data Edit Criteria

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description: This field must contain the same transaction code as the TCR 0.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain one of these values: 0 = Default 1 = Account Funding 2 = Original Credit This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 4 .
Agent Unique ID Positions: 5–9 Length: 5 Format: alphanumeric	Description: This field will contain the agent unique ID value or spaces.

Draft Data Edit Criteria

Reserved Positions: 10–14 Length: 5 Format: alphanumeric	Description: This field will be space-filled by the Edit Package.
Business Format Code Positions: 15–16 Length: 2 Format: alphanumeric	Description: Code indicating the type of business that is applicable to this transaction. This field must contain SP (for SMS Data).
Network Identification Code Positions: 17–20 Length: 4 Format: unpacked numeric	Description: Indicates brand of debit product being used (Visa, Plus, Discover, etc.). The entry must be numeric and may be zeros. This field is mapped to the SMS Network ID field and is included in all non-Visa presentments acquired by SMS. Values: 0002 = Visa (the default if the TCR 4 is not included) 0003 = Interlink 0004 = Plus 0006 = Mastercard 0040 = American Express 0041 = Discover Card 0042 = AFFN 0043 = Diner's club
Contact Information Positions: 21–45 Length: 25 Format: alphanumeric	Description: Contact information for Plus transactions. The field must contain spaces if not used. It is used for Plus transaction only. Single Message System will drop the field for non-Plus transactions.
Adjustment Processing Indicator Positions: 46 Length: 1 Format: alphanumeric	Description: Indicates if adjustment processing occurred. Values: Space = No adjustment A = Adjustment
Message Reason Code Positions: 47–50 Length: 4 Format: alphanumeric	Description: Message reason code explaining the reason for sending a reversal, adjustment, dispute financial, dispute financial reversal, dispute response financial, or fee collection/funds disbursement (Visa only). This field is mapped to the SMS MIS/CAS Reason Code. The field must contain spaces if not used.

Draft Data Edit Criteria

Surcharge Amount Positions: 51–58 Length: 8 Format: unpacked numeric	Description: Used for POS transactions with promotion data. This field contains an acquirer-assessed POS transaction surcharge for informational purposes only. When POS surcharge is assessed in the authorization, the acquirer must include the fee information in the TCR 4 and the amount must be the same as in Field 28 of the authorization request. If the field is used, two decimal positions are implied.
Surcharge Credit/Debit Indicator Positions: 59–60 Length: 2 Format: alphanumeric	Description: If surcharge, indicates if debit or credit. The entry is optional, but if the field is used, the entry should be CR or DB .
Visa Internal Use Only Positions: 61–76 Length: 16 Format: alphanumeric	Description: This field is used by Visa.
Promotion Type Positions: 77–78 Length: 2 Format: alphanumeric	Description: Defines the type of promotion associated with the transaction. Reserved for Visa use only. Values: Position 77: V–Z Position 78: 1–9 and A–Z
Promotion Code Positions: 79–103 Length: 25 Format: alphanumeric	Description: Indicates a specific promotional or loyalty program. Reserved for Visa use only. Values: Position 79: V–Z Position 80-103: 1–9 and A–Z
Surcharge Amount in Cardholder Billing Currency Positions: 104–111 Length: 8 Format: unpacked numeric	Description: This field will contain the access fee amount in the cardholder billing currency. Note: Two decimal positions are implied.
Payment Account Reference Positions: 112–140 Length: 29 Format: alphanumeric	Description: This field will contain Senders Payment Account Reference on original and exception transactions.

Draft Data Edit Criteria

Token Requestor ID Positions: 141–151 Length: 11 Format: unpacked numeric	Description: This field will contain Token Requestor ID for Purchase and Credit Voucher token transactions.
Reserved Positions: 152–168 Length: 17 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 05 - TCR 4 Promotion Data

These tables contain the Draft Data (TC 05, 06, 15, 16, 25, 26, 35, 36) record layout and edit criteria for TCR 4 - PROMOTION DATA.

CTF - Outgoing and Incoming Interchange

Draft Data Record Layout

Position	Field Length	Format	Contents
1–2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5–14	10	AN	Reserved
15–16	2	AN	Business Format Code
17–18	2	AN	Promotion Type
19–43	25	AN	Promotion Code
44–168	125	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Draft Data Edit Criteria Title

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description: This field must contain the same transaction code as the TCR 0.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain one of these values: 0 = Default 1 = Account Funding 2 = Original Credit This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 4 .
Reserved Positions: 5–14 Length: 10 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Business Format Code Positions: 15–16 Length: 2 Format: alphanumeric	Description: Code indicating the type of business that is applicable to this transaction. This field must contain PD (for Promotion Data).
Promotion Type Positions: 17–18 Length: 2 Format: alphanumeric	Description: Defines the type of promotion associated with the transaction. Reserved for Visa use only. Values: Position 17: V–Z Position 18: 1–9 and A–Z

Draft Data Edit Criteria Title

Promotion Code Positions: 19–43 Length: 25 Format: alphanumeric	Description: Indicates a specific promotional or loyalty program. Reserved for Visa use only. Values: Position 19: V–Z Position 20-103: 1–9 and A–Z
Reserved Positions: 44–168 Length: 125 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 05 - TCR 4 Supplemental Visa Resolve Online (VROL) Financial Data Record

These tables contain the Draft Data (TC 05, 06, 07, 15, 16, 17, 25, 26, 27, 35, 36, 37) record layout and edit criteria for TCR 4 - SUPPLEMENTAL VISA RESOLVE ONLINE (VROL) FINANCIAL DATA RECORD.

CTF - Outgoing and Incoming Interchange

Draft Data Record Layout

Position	Field Length	Format	Contents
1–2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5–9	5	AN	Agent Unique ID
10–14	5	AN	Reserved
15–16	2	AN	Business Format Code
17–20	4	UN	Network Identification Code
21–45	25	AN	Contact for Information
46	1	AN	Adjustment Processing Indicator
47–50	4	AN	Message Reason Code
51–53	3	AN	Dispute Condition

Draft Data Record Layout

Position	Field Length	Format	Contents
54–64	11	AN	VROL Financial ID
65–74	10	UN	VROL Case Number
75–84	10	UN	VROL Bundle Case Number
85–104	20	AN	Client Case Number
105–106	2	AN	Dispute Status
107–114	8	UN	Surcharge Amount
115–116	2	AN	Surcharge Credit/Debit Indicator
117–168	52	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Draft Data Edit Criteria Title

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description: This field will contain one of these values for dispute financial transactions: <ul style="list-style-type: none"> • 05 (Dispute response financial of sales draft) • 06 (Dispute response financial of credit voucher) • 07 (Dispute response financial of cash disbursement) • 15 (Dispute financial of sales draft) • 16 (Dispute financial of credit voucher) • 17 (Dispute financial of cash disbursement) • 25 (Dispute response financial reversal of sales draft) • 26 (Dispute response financial reversal of credit voucher) • 27 (Dispute response financial reversal of cash disbursement) • 35 (Dispute financial reversal of sales draft) • 36 (Dispute financial reversal of credit voucher) • 37 (Dispute financial reversal of cash disbursement)
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain the transaction code qualifier from the original transaction. Values: <ul style="list-style-type: none"> • 0 (Default) • 1 (Account funding) • 2 (Original credit)

Draft Data Edit Criteria Title

Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 4 (Supplemental Visa Resolve Online (VROL) financial data).
Agent Unique ID Positions: 5–9 Length: 5 Format: alphanumeric	Description: This field will contain the agent unique ID value or spaces.
Reserved Positions: 10–14 Length: 5 Format: alphanumeric	Description: This field is reserved for future use.
Business Format Code Positions: 15–16 Length: 2 Format: alphanumeric	Description: This field will contain a code indicating the type of business that is applicable to this transaction. This field will contain the new value of DF (Dispute financial). This is a required field for endpoint-initiated transactions.
Network Identification Code Positions: 17–20 Length: 4 Format: unpacked numeric	Description: This field will contain the network identification code received in the original transaction, if present. Values: <ul style="list-style-type: none">• 0002 (Visa)• 0003 (Interlink)• 0004 (Plus) Note: The network identification code populated with all zeros is allowed.
Contact for Information Positions: 21–45 Length: 25 Format: alphanumeric	Description: This field will contain contact information for Plus transactions. This field is used for Plus transactions only and will contain spaces if not used.
Adjustment Processing Indicator Positions: 46 Length: 1 Format: alphanumeric	Description: This field will contain an indicator if adjustment processing occurred on the original transaction. Values: <ul style="list-style-type: none">• Space (No adjustment)• A (Adjustment)

Draft Data Edit Criteria Title

Message Reason Code Positions: 47–50 Length: 4 Format: alphanumeric	Description: This field will contain the message reason code explaining the reason for the transaction.
Dispute Condition Positions: 51–53 Length: 3 Format: alphanumeric	Description: This field will contain the dispute condition assigned through the Visa Resolve Online (VROL) process.
VROL Financial ID Positions: 54–64 Length: 11 Format: alphanumeric	Description: This field will contain the Visa Resolve Online (VROL) financial ID assigned through the VROL process.
VROL Case Number Positions: 65–74 Length: 10 Format: unpacked numeric	Description: This field will contain the VROL case number assigned through the VROL process. This is a required field for endpoint-initiated transactions.
VROL Bundle Case Number Positions: 75–84 Length: 10 Format: unpacked numeric	Description: This field will contain the VROL bundle case number when the dispute was submitted to VROL as part of a bundle of disputes. And populated with zeros when the dispute is not part of a bundle.
Client Case Number Positions: 85–104 Length: 20 Format: alphanumeric	Description: This field will contain a case tracking number assigned by the endpoint in VROL when a VROL dispute is created.
Dispute Status Positions: 105–106 Length: 2 Format: alphanumeric	Description: This field will contain one of the new dispute status codes. Refer to the <i>BASE II Clearing Data Codes</i> manual for a listing of valid codes.
Surcharge Amount Positions: 107–114 Length: 8 Format: unpacked numeric	Description: This field will contain an acquirer-assessed cash disbursement access fee or POS transaction surcharge for informational purposes only. If the field is used, two decimal positions are implied.

Draft Data Edit Criteria Title

Surcharge Credit/Debit Indicator Positions: 115–116 Length: 2 Format: alphanumeric	Description: This field will contain one of these values: <ul style="list-style-type: none">• CR (Credit)• DB (Debit)• Space (Not Applicable)
Reserved Positions: 117–168 Length: 52 Format: alphanumeric	Description: This field is reserved for future use.

TC 05 - TCR 5 Payment Service Data

These tables contain the Draft Data (TC 05, 06, 07, 15, 16, 17, 25, 26, 27, 35, 36, 37) record layout and edit criteria for TCR 5 - PAYMENT SERVICE DATA.

CTF - Outgoing and Incoming Interchange

Draft Data Record Layout

Position	Field Length	Format	Contents
1–2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5–19	15	UN	Transaction Identifier
20–31	12	UN	Authorized Amount
32–34	3	AN	Authorization Currency Code
35–36	2	AN	Authorization Response Code
37–40	4	AN	Validation Code
41	1	AN	Excluded Transaction Identifier Reason
42	1	AN	Reserved
43–44	2	AN	Reserved
45–46	2	UN	Multiple Clearing Sequence Number
47–48	2	UN	Multiple Clearing Sequence Count
49	1	AN	Market-Specific Authorization Data Indicator

Draft Data Record Layout

Position	Field Length	Format	Contents
50–61	12	UN	Total Authorized Amount
62	1	AN	Information Indicator
63–76	14	AN	Merchant Telephone Number
77	1	AN	Additional Data Indicator
78–79	2	AN	Merchant Volume Indicator
80–81	2	AN	Electronic Commerce Goods Indicator
82–91	10	AN	Merchant Verification Value
92–106	15	UN	Interchange Fee Amount
107	1	AN	Interchange Fee Sign
108–115	8	UN	Source Currency to Base Currency Exchange Rate
116–123	8	UN	Base Currency to Destination Currency Exchange Rate
124–135	12	UN	Optional Issuer ISA Amount
136–137	2	AN	Product ID
138–143	6	AN	Program ID
144	1	AN	Dynamic Currency Conversion (DCC) Indicator
145–148	4	AN	Account Type Identification
149	1	AN	Spend Qualified Indicator
150–165	16	UN	PAN Token
166–167	2	AN	Reserved
168	1	AN	CVV2 Result Code

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Draft Data Edit Criteria

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description: The field must contain the same transaction code as the TCR 0. Dispute response financial transactions must have the original transaction code.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain one of these values: 0 = Default 1 = Account Funding 2 = Original Credit This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 5 .

Draft Data Edit Criteria

Transaction Identifier Positions: 5–19 Length: 15 Format: unpacked numeric	<p>Description: A unique value that Visa assigns to each transaction and returns to the acquirer in the authorization response. Visa uses this value to maintain an audit trail throughout the life cycle of the transaction and all related transactions, such as reversals, adjustments, confirmations, and disputes.</p> <p>The entry must be numeric. It must be either zeros or a valid Transaction Identifier.</p> <p>All Transaction Types For all transaction types and all payment services, this field must contain the Transaction Identifier.</p> <p>Originals and Original Reversals For custom payment service purchase transactions and their reversals and CPS/ATM original ATM cash disbursements and their reversals, this field must not be zeros.</p> <p>VIC Edit: The Transaction Identifier must be the same as in the Authorization Response (V.I.P. Field 62.2, converted to unpacked numeric) in the following transactions:</p> <ul style="list-style-type: none">• CPS original purchase transactions and their reversals• CPS/ATM original ATM cash disbursement transactions and their reversals <p>If multiple authorizations and/or an authorization reversal were submitted, this field must contain the Transaction Identifier from the first authorization response.</p> <p>Incoming, CPS Participating Countries: A Transaction Identifier is assigned to every original purchase transaction that does not already contain one. This field must be retained and returned in subsequent exception transactions.</p> <p>Incoming: A Transaction Identifier is assigned to every ATM original cash disbursement transaction that does not already contain one. This field must be retained and returned in subsequent exception transactions, if the TCR 5 is received.</p> <p>Dispute Financials, Dispute Response Financials, and their Reversals CPS Participating Countries: The Transaction Identifier must be included for a domestic transaction with an Acquirer Reference Number Format Code of 2. If the Acquirer Reference Number Format Code is a 2, this field may not contain zeros. If the original transaction contained a Transaction Identifier, it must be included on the TCR 5.</p> <p>Credit Voucher Reversals and Credit Voucher Dispute Financials This field may contain a Transaction Identifier.</p> <p>Note: Positions 1 and 2 contain proprietary information used by Visa; position 3 contains the last digit of the current year; positions 4 through 6 contain the Greenwich mean time (GMT) date (Julian date in the format DDD); positions 7 through 11 contain the GMT in relative seconds since start of day; positions 12 through 15 contain a sequence number.</p>
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Draft Data Edit Criteria

Authorized Amount Positions: 20–31 Length: 12 Format: unpacked numeric	<p>Description: Amount the issuer originally authorized. The entry must be numeric. For CPS original draft transactions and their reversals, this entry may not be zeros. CPS credit vouchers and their reversals must contain zeros in this field.</p> <p>VIC Edit: For custom payment service original draft transactions and their reversals, this field must contain the same amount as in the Authorization Response (V.I.P. Field 4, converted to unpacked numeric). If multiple authorizations and/or an authorization reversal were supplied, this field must contain the Authorized Amount from the first authorization response.</p> <p>Outgoing: For originals and reversals that do not participate in a payment service or chip card service, the Edit Package will not initialize this field to zeros. EP will retain the original contents, if the field is numeric.</p> <p>Incoming: This field does not contain a fixed implied decimal location. The decimal location is determined by the Authorization Currency Code, as specified in the V.I.P. System Technical Reference manuals.</p> <p>Note: Non-CPS transactions may contain this field.</p>
Authorization Currency Code Positions: 32–34 Length: 3 Format: alphanumeric	<p>Description: Currency code of the authorized source amount. The entry must be spaces or a valid ISO numeric currency code. If the Authorized Amount is not zeros, then the Authorization Currency Code must not be spaces. The source currency and the authorization currency must be the same. CPS credit vouchers and their reversals must contain spaces in this field.</p> <p>VIC Edit: The Authorization Currency Code must be the same as in the Authorization Response (V.I.P. Field 49, converted to unpacked numeric) in the following transactions:</p> <ul style="list-style-type: none">• Custom payment service original purchase transactions and their reversals• CPS/ATM original ATM cash disbursement transactions and their reversals <p>VIC Edit: If multiple authorizations and/or an authorization reversal were supplied, this field must contain the Transaction Currency Code from the first authorization response.</p> <p>Outgoing: For originals and reversals that do not participate in a payment service or chip card service, the Edit Package will not initialize this field to spaces. EP will retain the original contents, if the field is a valid currency code.</p> <p>Note: Non-CPS transactions may contain this field.</p>

Draft Data Edit Criteria

<p>Authorization Response Code</p> <p>Positions: 35–36</p> <p>Length: 2</p> <p>Format: alphanumeric</p>	<p>Description: The authorization code provided by the issuer when a transaction is approved or a “no reason to decline” code is provided. The entry must be two alphanumeric characters: spaces, A through Z, or 0 through 9. For custom payment service credit vouchers and their reversals, this field must contain spaces.</p> <p>VIC Edit: For custom payment service original purchase transactions and their reversals, this field must contain the Response Code received in the Authorization Response (V.I.P. Field 39). If multiple authorizations and/or an authorization reversal were supplied, this field must contain the Authorization Response Code from the first authorization response.</p> <p>The values for this code, and their meanings, are documented in the V.I.P. System SMS POS (Visa & Visa Electron) Technical Specifications (U.S.) manuals.</p> <p>For chip transactions that are processed offline, this field must contain one of these offline authorization codes:</p> <p>Y1 = Offline Approval</p> <p>Z1 = Offline Decline</p> <p>Y3 = Unable to go online, approval</p> <p>Z3 = Unable to go online, decline</p>
<p>Validation Code</p> <p>Positions: 37–40</p> <p>Length: 4</p> <p>Format: alphanumeric</p>	<p>Description: A unique value that Visa includes as part of the Custom Payment Service programs in each authorization response to ensure that key authorization fields are preserved in the clearing record.</p> <p>For CPS original purchase transactions and their reversals, this entry may not be spaces. For CPS/ATM original ATM cash disbursements and their reversals, this entry may not be spaces. CPS credit vouchers and their reversals must contain spaces in this field.</p> <p>Outgoing: For originals and reversals that do not participate in a custom payment service (Authorization Characteristics Indicator = N), Edit Package will move spaces to this field.</p> <p>Dispute Financials, Dispute Response Financials: This field will be initialized to spaces by the Edit Package.</p> <p>VIC Edit: For CPS originals and their reversals, this field must contain the Validation Code received in the Authorization Response, (V.I.P. Field 62.3). If multiple authorizations were supplied, this field must contain the Validation Code from the first authorization response.</p> <p>Incoming: This field will be initialized to spaces prior to delivery.</p>
<p>Excluded Transaction Identifier Reason</p> <p>Positions: 41</p> <p>Length: 1</p> <p>Format: alphanumeric</p>	<p>Description: Code indicating that a transaction identifier is not included in the transaction. Use of this field ensures that certain transactions that do not have a transaction identifier can be processed successfully through the VisaNet systems. This field must be a space.</p> <p>Dispute Financials and Dispute Response Financials VIC Edit – BASE II will initialize this field to spaces.</p>

Draft Data Edit Criteria

Reserved Positions: 42 Length: 1 Format: alphanumeric	Description: This field is reserved for future use.
Reserved Positions: 43–44 Length: 2 Format: alphanumeric	Description: This field is reserved for future use.
Multiple Clearing Sequence Number Positions: 45–46 Length: 2 Format: unpacked numeric	<p>Description: A sequence number that distinguishes a specific clearing message among multiple clearing messages being submitted for a single CPS authorization. All BASE II clearing messages linked to a single authorization request must contain a unique clearing sequence number from at least 1 to the total number of clearing records for the authorization.</p> <p>For U.S. transactions, this field must be numeric.</p> <p>VIC Edit: BASE II will move zeros to this field for the following situations: — All cash disbursement transactions — All purchase and credit voucher originals, its reversals and their exception transactions (TCx5s, TCx6s) including Account Funding (AFT) and Original Credit (OC) transactions that have non-numeric data in this field.</p> <p>Outgoing: The Edit Package will move zeros to this field for the following situations: — All cash disbursement transactions — All purchase and credit voucher originals, its reversals and their exception transactions (TCx5s, TCx6s) including Account Funding (AFT) and Original Credit (OC) transactions that have non-numeric data in this field.</p> <p>Dispute Response Financials, Reversals, Dispute Financials, Dispute Financials Reversals, Retrieval Requests, and Fraud Advices This field must contain the same Multiple Clearing Sequence Number as the original purchase transaction.</p> <p>Note: Non-CPS transactions may contain this field.</p>

Draft Data Edit Criteria

Multiple Clearing Sequence Count Positions: 47–48 Length: 2 Format: unpacked numeric	<p>Description: Count of multiple clearing sequence.</p> <p>For U.S. CPS transactions, this field must be numeric. To qualify for CPS/ Passenger Transport original purchase transactions and their reversals, the last transaction in the series must carry the Multiple Clearing Sequence Count with a value greater than zero. (All transactions within the series may carry the Multiple Clearing Sequence Count.)</p> <p>For all multiple clearing BASE II Card-Not-Present transactions linked to a single authorization request, excluding U.S. CPS/Passenger Transport transactions, the Multiple Clearing Sequence Count (MCSC) must be included in each clearing record.</p> <p>All transactions associated with the same Transaction Identifier must be in sequence and in the same batch.</p> <p>Outgoing: The Edit Package will move zeros to this field for the following situations: — All cash disbursement transactions — All purchase and credit voucher originals, it's reversals and their exception transactions (TCx5s, TCx6s) including Account Funding (AFT) and Original Credit (OC) transactions that have non-numeric data in this field.</p> <p>VIC Edit: BASE II will move zeros to this field for the following situations: — All cash disbursement transactions — All purchase and credit voucher originals, it's reversals and their exception transactions (TCx5s, TCx6s) including Account Funding (AFT) and Original Credit (OC) transactions that have non-numeric data in this field.</p>
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Draft Data Edit Criteria

<p>Market-Specific Authorization Data Indicator</p> <p>Positions: 49</p> <p>Length: 1</p> <p>Format: alphanumeric</p>	<p>Description: Code indicating the industry for which market-specific authorization data was included in the transaction.</p> <p>Values:</p> <p>Space = No market-specific authorization data supplied.</p> <p>A = Valid Auto Rental market-specific authorization data received.</p> <p>B = Valid Bill Payment market-specific authorization data received.</p> <p>E = Valid Electronic Commerce Transaction Aggregation data received.</p> <p>H = Valid Hotel market-specific authorization data received.</p> <p>J = Valid B2B Invoice Payment received.</p> <p>M = Valid Healthcare market-specific authorization data received.</p> <p>N = Invalid or not applicable market-specific data received.</p> <p>T = Valid Transit market-specific authorization data received.</p> <p>VIC Edit: For custom payment service original purchase transactions and their reversals, this field must have the same contents as that in the Authorization Response (V.I.P. Field 62.4). If multiple authorizations were submitted, this field must contain the Market-Specific Authorization Data Indicator from the first authorization response.</p> <p>For CPS/Hotel (Card Not Present) or CPS/Hotel (Card Present) PSIRF, this entry must contain an H. For CPS/Car Rental (Card Not Present) or CPS/Car Rental (Card Present) PSIRF, this entry must contain an A.</p> <p>Outgoing: For draft transactions that do not participate in a custom payment service (Authorization Characteristics Indicator = N), the Edit Package will initialize this field to spaces, if it is not alphanumeric.</p> <p>Note: Non-CPS transactions may contain this field.</p>
<p>Total Authorized Amount</p> <p>Positions: 50–61</p> <p>Length: 12</p> <p>Format: unpacked numeric</p>	<p>Description: Total authorized amount. This entry must be numeric.</p> <p>Custom payment service credit vouchers and their reversals must contain zeros in this field. CPS/ATM transactions must contain zeros in this field.</p> <p>VIC Edit: To qualify for CPS/Hotel (Card Not Present) or CPS/Hotel (Card Present) PSIRF, CPS/Car Rental (Card Not Present) or CPS/Car Rental (Card Present) PSIRF, or CPS/Card Not Present PSIRF, or CPS/Direct Marketing PSIRF, the Total Authorized Amount must be provided on original purchase transactions and their reversals. The entry must be numeric and contain a value greater than zero.</p> <p>Outgoing: For draft transactions that do not participate in a custom payment service (Authorization Characteristics Indicator = N), the Edit Package will initialize this field to zero, if it is not numeric.</p> <p>Incoming: This field does not contain a fixed implied decimal location. The decimal location is determined by the Authorization Currency Code, as specified in the V.I.P. System Message Formats manual.</p> <p>Note: Non-CPS transactions may contain this field.</p>

Draft Data Edit Criteria

Information Indicator Positions: 62 Length: 1 Format: alphanumeric	Description: Indicates if the merchant or customer service telephone number is provided on the cardholder billing statement or is stored internally. Optional field. Values: Y = the merchant or customer service telephone number may be provided on the cardholder statement. N = indicates that the telephone number must not be provided on the cardholder's statement but should be stored internally for cardholder inquiries.
Merchant Telephone Number Positions: 63–76 Length: 14 Format: alphanumeric	Description: Optional field containing the merchant or customer service telephone number. This field should be left-justified with trailing spaces. Spaces should be used if the field is not supplied. The phone number should be in the Merchant City field for CPS/Card Not Present or CPS/Direct Marketing transactions.
Additional Data Indicator Positions: 77 Length: 1 Format: alphanumeric	Description: The VIC inserts a space in this field. Space = Indicator not set
Merchant Volume Indicator Positions: 78–79 Length: 2 Format: alphanumeric	Description: This field indicates the amount of IRF reduction based on the merchant's volume. All U.S. acquired purchase and credit transactions must contain one of these values: Space = Not used 00–99 = Number of basis points by which the IRF is reduced MP = Merchant Partner For non-U.S. acquirer purchases and credits, as well as all cash transactions, the Edit Package will move a space to this field. The VIC will edit the Merchant Name and Merchant Volume Indicator against the eligibility table.
Electronic Commerce Goods Indicator Positions: 80–81 Length: 2 Format: alphanumeric	Description: This field indicates the type of goods that were purchased on the Internet. The field must be left-justified and space-filled. The first position must contain: Space = Not used D = Digital Goods P = Physical Goods

Draft Data Edit Criteria

<p>Merchant Verification Value</p> <p>Positions: 82–91</p> <p>Length: 10</p> <p>Format: alphanumeric</p>	<p>Description: The value if used by Visa to determine a merchant's eligibility to participate in any special programs. The first six positions of the MVV will be assigned to participating merchants by Visa. The last four positions will be defined in conjunction with the acquirer. Acquirers must include the MVV in BASE II Clearing transactions to qualify for any special fee programs or global merchant tracking programs.</p> <p>Values:</p> <p>A–F</p> <p>0–9</p> <p>Default value:</p> <p>spaces</p> <p>If any position of the field has a value, then all positions must have a non-space valid value.</p>
<p>Interchange Fee Amount</p> <p>Positions: 92–106</p> <p>Length: 15</p> <p>Format: UN</p>	<p>Description: Specifies the interchange fee amount (in the settlement currency of the member) calculated by Visa for this transaction. The field is right-justified, with six decimals implied.</p> <p>Outgoing: The field must contain zeroes. This field will be populated by the VIC. Incoming: The field will contain the interchange fee amount assessed on this transaction by Visa.</p>
<p>Interchange Fee Sign</p> <p>Positions: 107</p> <p>Length: 1</p> <p>Format: AN</p>	<p>Description: Specifies if the interchange fee amount is a credit or a debit for the receiving member.</p> <p>Values:</p> <p>C = Credit</p> <p>D = Debit</p> <p>Outgoing: The field must contain spaces. The VIC will insert the valid value.</p>
<p>Source Currency to Base Currency Exchange Rate</p> <p>Positions: 108–115</p> <p>Length: 8</p> <p>Format: UN</p>	<p>Description: Specifies the currency exchange rate applied to this transaction when Visa converts the source amount to the transaction amount in the destination currency.</p> <p>The format of this field is SSRRRRRR, where:</p> <p>SS = Scale Factor. These positions represent number of digits to the right of the decimal point in the currency conversion rate field. The first two positions will be 00 through 12.</p> <p>RRRRRR = Conversion Rate — A scale factor of zeros means the entry is a whole number. — A scale factor of 01 means the number has one decimal place accuracy; RRRRR.R is entered as 01RRRRRR. — A scale factor of 02 means the number has two decimal place accuracy; RRRR.RR is entered as 02RRRRRR and so forth. — For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRRR is entered as 08RRRRRR.</p> <p>Outgoing: This field will be populated by the VIC. Incoming: This field will contain the currency exchange rate applied to this transaction by Visa. This field will contain zeroes if currency conversion does not apply or the source currency is the same as the base currency.</p>

Draft Data Edit Criteria

<p>Base Currency to Destination Currency Exchange Rate</p> <p>Positions: 116–123</p> <p>Length: 8</p> <p>Format: UN</p>	<p>Description: Specifies the currency exchange rate applied to this transaction when Visa converts the source amount to the transaction amount in the destination currency.</p> <p>The format of this field is SSRRRRRR where:</p> <p>SS = Scale Factor. These positions represent number of digits to the right of the decimal point in the currency conversion rate field. The first two positions will be 00 through 12.</p> <p>RRRRRR = Conversion Rate — A scale factor of zeros means the entry is a whole number. — A scale factor of 01 means the number has one decimal place accuracy; RRRRR.R is entered as 01RRRRRR. — A scale factor of 02 means the number has two decimal place accuracy; RRRRR.RR is entered as 02RRRRRR and so forth. — For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRRR is entered as 08RRRRRR.</p> <p>Outgoing: This field will be populated by the VIC. Incoming: The field will contain the currency exchange rate applied to this transaction by Visa. The field will contain zeros if currency conversion does not apply or the destination currency is the same as the base currency.</p>
<p>Optional Issuer ISA Amount</p> <p>Positions: 124–135</p> <p>Length: 12</p> <p>Format: unpacked numeric</p>	<p>Description: This ISO-defined field can be used for any charge type or any fee applied to a transaction. Currently, Visa uses this field to carry optional International Service Assessment (ISA) data for issuers in the LAC region.</p> <p>The optional issuer ISA amount in this field is not included in the destination amount. Optional issuer ISA amounts are calculated in conjunction with ISA processing, but they are not included in settlement amounts or subject to acquirer allocation.</p> <p>The field is calculated by the VIC when the Optional Issuer ISA percentage is defined in the members' profile.</p> <p>The Optional Issuer ISA Amount is in the destination currency; two decimal places are implied.</p>
<p>Product ID</p> <p>Positions: 136–137</p> <p>Length: 2</p> <p>Format: alphanumeric</p>	<p>Description: Product identifier code.</p> <p>Note: All U.S.-acquired purchase, credit voucher, and cash disbursement transactions should contain the Card-Level Results received in the authorization response (V.I.P. Field 62.23). If this field is not received in the V.I.P. response message, the Product ID field should contain spaces.</p> <p>Note: All non-U.S. acquired purchase, credit voucher, and cash disbursement transactions from acquirers that choose to receive the Card-Level Results should contain the Card-Level Results received in the authorization response (V.I.P. Field 62.23). If this field is not received in the V.I.P. response message, the Product ID field should contain spaces.</p> <p>VIC Edit: For custom payment service original purchase transactions and their reversals, this field must contain Card-Level Results received in the Authorization Response (V.I.P. Field 62.23). If multiple authorizations and/or an authorization reversal were supplied, this field must contain the Authorization Response Code from the first authorization response.</p>

Draft Data Edit Criteria

Program ID Positions: 138–143 Length: 6 Format: alphanumeric	Description: Program identifier. For US domestic transactions, the acquirer may optionally send in a Program ID value.
DCC Indicator Positions: 144 Length: 1 Format: alphanumeric	Description: This field must contain one of these values: 1 = DCC performed space = default, no DCC has been performed
Account Type Identification Positions: 145–148 Length: 4 Format: alphanumeric	Description: This field identifies the specific type of account used. This field should be left-justified, space-filled. VIC Edits: <ul style="list-style-type: none">Invalid values will be changed to space. Note: Edit Package will initialize invalid values to spaces.
Spend Qualified Indicator Positions: 149 Length: 1 Format: alphanumeric	Description: This field indicates whether the account is Spend Qualified or not. VIC Edit: Visa will include the appropriate value in this field. This field will contain; <ul style="list-style-type: none">B (Base spend assessment threshold defined by Visa has been met.)Q (Spend assessment threshold defined by Visa has been met.)N (Spend assessment threshold defined by Visa has not been met.)Space (Spend processing does not apply (Not applicable).) Acquirers can choose to receive spend qualified indicator reclassifications by submitting non-space values in this field. Acquirers that choose not to receive spend qualified indicator reclassifications should submit space in this field.
PAN Token Positions: 150–165 Length: 16 Format: unpacked numeric	Description: A value that replaces the PAN at the time of authorization and clearing for merchants/acquirers.

Draft Data Edit Criteria

Reserved Positions: 166–167 Length: 2 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
CVV2 Result Code Positions: 168 Length: 1 Format: alphanumeric	Description: Card Verification Value 2 (CVV2) is the verification result for card-not-present transactions and also for card-present CVV2 verification-only requests. This field must contain a space or a valid code. For cash disbursement transactions, this field should contain a space. Refer to the <i>BASE II Clearing Data Codes</i> manual for valid CVV2 Result Codes. VIC Edits: <ul style="list-style-type: none"> Invalid values will be initialized to space. All values submitted for cash disbursement transactions will be initialized to space. Incoming: Edit Package will initialize this field to space for transactions submitted with invalid values and for all cash disbursement transactions. Note: Effective 14 April 2007, Canadian Acquirers participating in the Card Verification Value 2 Service were required to populate the Card Verification Value 2 results code received in the BASE I Authorization Response in a Transaction's corresponding BASE II Clearing Record.

TC 05 - TCR 6 Limited-Use Data

These tables contain the Draft Data (TC 05, 06, 07, 15, 16, 17, 25, 26, 27, 35, 36, 37) record layout and edit criteria for TCR 6 - LIMITED-USE DATA.

CTF - Outgoing and Incoming Interchange

Draft Data Record Layout

Position	Field Length	Format	Contents
1–2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5–16	12	UN	Local Tax
17	1	UN	Local Tax Included
18–29	12	UN	National Tax
30	1	UN	National Tax Included

Draft Data Record Layout

Position	Field Length	Format	Contents
31–50	20	AN	Merchant VAT Registration/Single Business Reference Number
51–63	13	AN	Customer VAT Registration Number
64–75	12	AN	Reserved
76–79	4	AN	Summary Commodity Code
80–91	12	UN	Other Tax
92–106	15	AN	Message Identifier
107–110	4	UN	Time of Purchase
111–127	17	AN	Customer Code/Customer Reference Identifier (CRI)
128–129	2	AN	Non-Fuel Product Code 1
130–131	2	AN	Non-Fuel Product Code 2
132–133	2	AN	Non-Fuel Product Code 3
134–135	2	AN	Non-Fuel Product Code 4
136–137	2	AN	Non-Fuel Product Code 5
138–139	2	AN	Non-Fuel Product Code 6
140–141	2	AN	Non-Fuel Product Code 7
142–143	2	AN	Non-Fuel Product Code 8
144–154	11	AN	Merchant Postal Code
155–168	14	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Draft Data Edit Criteria

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description: The field must contain the same transaction code as the TCR 0.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain one of these values: 0 = Default 1 = Account Funding 2 = Original Credit This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 6 .
Local Tax Positions: 5–16 Length: 12 Format: unpacked numeric	Description: This field may be used by acquirers to indicate the amount of state or provincial tax included in the transaction amount. This amount must be expressed in the same currency as the source amount. This field must be numeric. It may contain zeros. This field contains two implied decimal places. VIC Edit: U.S. Only - When submitted on taxable non-fuel commercial card transactions, the local tax amount that is greater than zero must be between 0.1% and 22% of the source amount.
Local Tax Included Positions: 17 Length: 1 Format: unpacked numeric	Description: Indicates if local tax is included or not. Values: 0 = Tax not included 1 = State or Provincial Tax included 2 = Transaction is not subject to tax. This field must contain 1 if the Local Tax field is not zeros.
National Tax Positions: 18–29 Length: 12 Format: unpacked numeric	Description: This field may be used by acquirers to indicate the amount of National Tax included in the transaction amount. This amount must be expressed in the same currency as the source amount. This field must be numeric. It may contain zeros. If the entry is not numeric, the BASE II VIC will insert zeros. This field contains two implied decimal places.

Draft Data Edit Criteria

National Tax Included Positions: 30 Length: 1 Format: unpacked numeric	Description: Indicates if national tax is included or not. Values: 0 = not subject to tax 1 = subject to tax This field must contain 0 or 1 .
Merchant VAT Registration/Single Business Reference Number Positions: 31–50 Length: 20 Format: alphanumeric	Description: Contains the merchant's VAT registration number or Single Business Reference Number (SBRN).
Customer VAT Registration Number Positions: 51–63 Length: 13 Format: alphanumeric	Description: Contains the customer's value-added tax registration number.
Reserved Positions: 64–75 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Summary Commodity Code Positions: 76–79 Length: 4 Format: alphanumeric	Description: Contains the national standard coding structure for the description of goods.
Other Tax Positions: 80–91 Length: 12 Format: unpacked numeric	Description: Indicates other taxes. This field must be numeric; two decimal positions are implied. The field may contain zeros. If the entry is not numeric, the BASE II VIC will insert zeros.
Message Identifier Positions: 92–106 Length: 15 Format: alphanumeric	Description: If additional data is provided in the TC 50, this field must contain the Message Identifier used to link the transactions.
Time of Purchase Positions: 107–110 Length: 4 Format: unpacked numeric	Description: Indicates time the purchase was made. The format is HHMM in local merchant or acquirer time. HH = Time in hours (00 to 23) MM = Time in minutes (00 to 59) If the entry is not numeric, the BASE II VIC will insert zeros.

Draft Data Edit Criteria

Customer Code/Customer Reference Identifier (CRI) Positions: 111–127 Length: 17 Format: alphanumeric	Description: A reference number or code that identifies the customer or consumer. For U.S. Purchasing Card Large-Ticket, GSA Large-Ticket or Purchasing Card fuel transactions, if additional data is provided, this field must be nonblank. Space-fill if unused. For Fuel Transactions, field may be drivers ID, vehicle number, or generic number entered by the cardholder at the point of sale.
Non-Fuel Product Code 1 Positions: 128–129 Length: 2 Format: alphanumeric	Description: Identifies product. See <i>BASE II Clearing Data Codes</i> for valid values. Space-fill if unused.
Non-Fuel Product Code 2 Positions: 130–131 Length: 2 Format: alphanumeric	Description: Identifies product. See <i>BASE II Clearing Data Codes</i> for valid values. Space-fill if unused.
Non-Fuel Product Code 3 Positions: 132–133 Length: 2 Format: alphanumeric	Description: Identifies product. See <i>BASE II Clearing Data Codes</i> for valid values. Space-fill if unused.
Non-Fuel Product Code 4 Positions: 134–135 Length: 2 Format: alphanumeric	Description: Identifies product. See <i>BASE II Clearing Data Codes</i> for valid values. Space-fill if unused.
Non-Fuel Product Code 5 Positions: 136–137 Length: 2 Format: alphanumeric	Description: Identifies product. See <i>BASE II Clearing Data Codes</i> for valid values. Space-fill if unused.
Non-Fuel Product Code 6 Positions: 138–139 Length: 2 Format: alphanumeric	Description: Identifies product. See <i>BASE II Clearing Data Codes</i> for valid values. Space-fill if unused.
Non-Fuel Product Code 7 Positions: 140–141 Length: 2 Format: alphanumeric	Description: Identifies product. See <i>BASE II Clearing Data Codes</i> for valid values. Space-fill if unused.

Draft Data Edit Criteria

Non-Fuel Product Code 8 Positions: 142–143 Length: 2 Format: alphanumeric	Description: Identifies product. See <i>BASE II Clearing Data Codes</i> for valid values. Space-fill if unused.
Merchant Postal Code Positions: 144–154 Length: 11 Format: alphanumeric	Description: Contains the postal code to identify the merchant location of commercial card transactions. The entry must be alphanumeric and may contain spaces or special characters.
Reserved Positions: 155–168 Length: 14 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 05 - TCR 7 Chip Card Transaction Data

These tables contain the Draft Data (TC 05, 06, 07, 15, 16, 17, 25, 26, 27, 35, 36, 37) record layout and edit criteria for TCR 7 - CHIP CARD TRANSACTION DATA.

CTF - Outgoing and Incoming Interchange

Draft Data Record Layout

Position	Field Length	Format	Contents
1–2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5–6	2	AN	Transaction Type
7–9	3	UN	Card Sequence Number
10–15	6	UN	Terminal Transaction Date
16–21	6	DX	Terminal Capability Profile
22–24	3	UN	Terminal Country Code
25–32	8	AN	Terminal Serial Number

Draft Data Record Layout

Position	Field Length	Format	Contents
33–40	8	DX	Unpredictable Number
41–44	4	DX	Application Transaction Counter
45–48	4	DX	Application Interchange Profile
49–64	16	DX	Cryptogram
65–66	2	DX	Issuer Application Data, Byte 2
67–68	2	DX	Issuer Application Data, Byte 3
69–78	10	DX	Terminal Verification Results
79–86	8	DX	Issuer Application Data, Byte 4–7
87–98	12	UN	Cryptogram Amount
99–100	2	DX	Issuer Application Data, Byte 8
101–116	16	DX	Issuer Application Data, Byte 9–16
117–118	2	DX	Issuer Application Data, Byte 1
119–120	2	DX	Issuer Application Data, Byte 17
121–150	30	DX	Issuer Application Data, Byte 18–32
151–158	8	DX	Form Factor Indicator
159–168	10	DX	Issuer Script 1 Results

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Draft Data Edit Criteria

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description: The field must contain the appropriate transaction code. The field must contain the same transaction code as the TCR 0.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain one of these values: 0 = Default 1 = Account Funding 2 = Original Credit

Draft Data Edit Criteria

Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 7 .
Transaction Type Positions: 5–6 Length: 2 Format: alphanumeric	Description: Contains the transaction type as used by the card to calculate the cryptogram. Values: 00 = Goods or Service Purchase 01 = Withdrawal/Cash Advance 02 = Adjustment 03 = Check Guarantee (funds guaranteed) 11 = Quasi-Cash Transaction 17 = Script 19 = Fee Collection 20 = Return (of goods) 22 = Adjustment 29 = Funds Disbursement 30 = Available Funds Inquiry 40 = Cardholder Account Transfer A0 = COPAC Goods or Service Purchaser (Obsolete) A1 = COPAC Withdrawal Cash Advance (Obsolete)
Card Sequence Number Positions: 7–9 Length: 3 Format: unpacked numeric	Description: Contains the number assigned to a specific card when two or more cards are associated with a single account number. This field must be numeric.
Terminal Transaction Date Positions: 10–15 Length: 6 Format: unpacked numeric	Description: Contains the local date at the terminal on which the transaction was authorized. This field must be numeric. Date is in YYMMDD format.
Terminal Capability Profile Positions: 16–21 Length: 6 Format: display hexadecimal	Description: Indicates the card input data, the Cardholder Verification Method (CVM), and the security capabilities that are supported by the terminal. See the <i>Visa Smart Debit/Visa Smart Credit System Technical</i> manual for specific information on the indicators that are carried in this field. VIC Edit: This field must be display hexadecimal.

Draft Data Edit Criteria

Terminal Country Code Positions: 22–24 Length: 3 Format: unpacked numeric	Description: Contains the country code of the country where the terminal is located. This field must be numeric.
Terminal Serial Number Positions: 25–32 Length: 8 Format: alphanumeric	Description: Reserved. Effective April 2008, this field is temporarily reserved while Visa evaluates the current methodology used by manufacturers to assign the identification number for VSDC terminals. The field may be reinstated after a standard is established within Visa and the payments industry related to the formatting and coding of the data. New VSDC-certified acquirers should space-fill the field. There is no requirement for existing VSDC acquirers to modify their internal systems to space-fill the field.
Unpredictable Number Positions: 33–40 Length: 8 Format: display hexadecimal	Description: Contains the number used in the generation of the cryptogram for chip (VSDC) transactions. It provides variability and uniqueness to the cryptogram. VIC Edit: This field must be display hexadecimal.
Application Transaction Counter Positions: 41–44 Length: 4 Format: display hexadecimal	Description: Contains the count of the transactions performed within the application. This field increments by 1 each time a transaction is initiated. Multiple authorization requests for the same transaction will have the same ATC; for example, when online PIN fails and the next authorization represents a different PIN try for the same transaction, the ATC will be the same. For reversals and advices, the ATC is the value from the original message. VIC Edit: This field must be display hexadecimal.
Application Interchange Profile Positions: 45–48 Length: 4 Format: display hexadecimal	Description: Carried in VSDC transactions, this field provides a series of indicators that reflect the specific functions supported by the chip card account. For example, this field indicates whether cardholder verification is supported. VIC Edit: This field must be display hexadecimal.
Cryptogram Positions: 49–64 Length: 16 Format: display hexadecimal	Description: Contains the clearing cryptogram used to validate transaction processing in the event of a dispute. VIC Edit: This field must be display hexadecimal.
Issuer Application Data, Byte 2 Positions: 65–66 Length: 2 Format: display hexadecimal	Description: Contains one of these depending on type of Chip card: VIS = Derivation Key Index CCD = Common Core Identifier Generic EMV Transport = Undefined Data

Draft Data Edit Criteria

Issuer Application Data, Byte 3 Positions: 67–68 Length: 2 Format: display hexadecimal	Description: Contains one of the following depending on type of Chip card: VIS = Cryptogram Version CCD = Derivation Key Index Generic EMV Transport = Undefined Data
Terminal Verification Results Positions: 69–78 Length: 10 Format: display hexadecimal	Description: A series of indicators from the terminal perspective. The terminal records the results of offline and online processing by setting a series of indicators in this field. These indicators are available to members in the online message and clearing transaction. VIC Edit: This field must be display hexadecimal.
Issuer Application Data, Bytes 4–7 Positions: 79–86 Length: 8 Format: display hexadecimal	Description: Contains one of the following depending on type of Chip card: VIS & CCD = Card Verification Results Generic EMV Transport = Undefined Data
Cryptogram Amount Positions: 87–98 Length: 12 Format: unpacked numeric	Description: The transaction amount used by the chip when calculating the cryptogram. It must contain right-justified numeric data with leading zeros.
Issuer Application Data, Byte 8 Positions: 99–100 Length: 2 Format: display hexadecimal	Description: Contains one of the following depending on type of Chip card: VIS = Data could be present CCD = CVR Extension Generic EMV Transport = Undefined Data
Issuer Application Data, Bytes 9–16 Positions: 101–116 Length: 16 Format: display hexadecimal	Description: Contains one of the following depending on type of Chip card: VIS = Data could be present CCD = Counters Generic EMV Transport = Undefined Data
Issuer Application Data, Byte 1 Positions: 117–118 Length: 2 Format: display hexadecimal	Description: Contains one of the following depending on type of Chip card: VIS = Data could be present CCD = Length Indicator Generic EMV Transport = Undefined Data
Issuer Application Data, Byte 17 Positions: 119–120 Length: 2 Format: display hexadecimal	Description: This field will contain one of the following depending on type of Chip card: VIS = Data could be present CCD = Length Indicator Generic EMV Transport = Undefined Data

Draft Data Edit Criteria

Issuer Application Data, Bytes 18–32 Positions: 121–150 Length: 30 Format: display hexadecimal	Description: This field will contain one of the following depending on type of Chip card: VIS = Data could be present CCD = Issuer Discretionary Data Generic EMV Transport = Undefined Data
Form Factor Indicator Positions: 151–158 Length: 8 Format: display hexadecimal	Description: This field contains indicators related to the attributes of the cardholder's device and the technology used for the communication between the cardholder's device and the acquiring device. This field must be display hexadecimal.
Issuer Script 1 Results Positions: 159–168 Length: 10 Format: display hexadecimal	Description: Identifies the update command that the issuer sends in the authorization response to the card during online processing. With the command, the card updates the card parameters and records the success or failure of the updates in the Issuer Script 1 Results field. The entry must be in the format shown in the sub-fields below.
Script 1 Results Positions: 1 Length: 2 Format: display hexadecimal	Description: VIC Edit: This field must be display hexadecimal.
Script 1 Identifier Positions: 1 Length: 8 Format: display hexadecimal	Description: VIC Edit: This field must be display hexadecimal.

TC 05 - TCR D Installment Payment

These tables contain the Draft Data (TC 05, 06, 25, 26) record layout and edit criteria for TCR D - INSTALLMENT PAYMENT.

CTF - Outgoing and Incoming Interchange

Draft Data Record Layout

Position	Field Length	Format	Contents
1–2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number

Draft Data Record Layout

Position	Field Length	Format	Contents
5–6	2	AN	Business Format Code
7–18	12	UN	Installment Payment Total Amount
19–21	3	AN	Installment Payment Currency Code
22–24	3	UN	Number of Installments
25–36	12	UN	Amount of Each Installment
37–39	3	UN	Installment Payment Number
40	1	AN	Frequency of Installments
41–168	128	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Draft Data Edit Criteria

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description: The field must contain the same transaction code as the TCR 0.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain this value: 0 = Default
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field must contain a D .
Business Format Code Positions: 5–6 Length: 2 Format: alphanumeric	Description: This field will contain IP for installment payment transactions.

Draft Data Edit Criteria

Installment Payment Total Amount Positions: 7–18 Length: 12 Format: unpacked numeric	Description: This field will contain the total amount of the installment payments.
Installment Payment Currency Code Positions: 19–21 Length: 3 Format: alphanumeric	Description: Valid currency code as listed in the <i>Base II Clearing Data Codes</i> manual.
Number of Installments Positions: 22–24 Length: 3 Format: unpacked numeric	Description: This field will contain the number of installment payments.
Amount of Each Installment Positions: 25–36 Length: 12 Format: unpacked numeric	Description: This field will contain the amount of each installment payment.
Installment Payment Number Positions: 37–39 Length: 3 Format: unpacked numeric	Description: This field will contain the Installment Payment Number.
Frequency of Installments Positions: 40 Length: 1 Format: alphanumeric	Description: This field will contain the frequency of installment payments.
Reserved Positions: 41–168 Length: 128 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 05 - TCR D Original Credit Additional Data

These tables contain the Draft Data (TC 05, 06) record layout and edit criteria for TCR D - ORIGINAL CREDIT ADDITIONAL DATA.

CTF - Outgoing and Incoming Interchange

Draft Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-6	2	AN	Business Format Code
7-36	30	AN	Recipient Name
37-168	132	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Draft Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain the same transaction code as the TCR 0.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain the value 2 (Default for Original Credit).
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field must contain the value of D .

Draft Data Edit Criteria

Business Format Code Positions: 5–6 Length: 2 Format: alphanumeric	Description: This field will contain the value of OC (Original Credit).
Recipient Name Positions: 7–36 Length: 30 Format: alphanumeric	Description: This field will contain the name of the entity receiving the funds.
Reserved Positions: 37–168 Length: 132 Format: alphanumeric	Description: This field will be space-filled.

TC 05 - TCR E Visa Europe V.ME Data

These tables contain the Draft Data (TC 05, 06, 15, 16, 25, 26, 35, 36) record layout and edit criteria for TCR E - VISA EUROPE V.ME DATA.

CTF - Outgoing and Incoming Interchange

Draft Data Record Layout

Position	Field Length	Format	Contents
1–2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5–6	2	AN	Business Format Code
7–11	5	AN	Agent Unique ID
12–13	2	AN	Additional Authentication Method
14–15	2	AN	Additional Authentication Reason Code
16–168	153	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Draft Data Edit Criteria

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description: The field must contain the same transaction code as the TCR 0.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain this value: 0 = Default
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: The field must contain an E .
Business Format Code Positions: 5–6 Length: 2 Format: alphanumeric	Description: Code indicating the type of business that is applicable to this transaction. This field must contain JA (for Visa Europe V.me transactions only).
Agent Unique ID Positions: 7–11 Length: 5 Format: alphanumeric	Description: This field must contain a valid Agent Unique ID value defined by Visa Europe (VE).
Additional Authentication Method Positions: 12–13 Length: 2 Format: alphanumeric	Description: This field must contain a valid VE-defined Additional Authentication Method value.
Additional Authentication Reason Code Positions: 14–15 Length: 2 Format: alphanumeric	Description: This field must contain a valid VE-defined Additional Authentication Reason Code value.
Reserved Positions: 16–168 Length: 153 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Chapter 5

TC 10 BASE II Clearing Fee Collection Transactions

TC 10 - BASE II Clearing Fee Collection Transactions

The Fee Collection transaction (TC 10) allows charges to be routed between Visa members, to settle fees and distribute rewards for card recovery. This transaction can be used to reverse a Funds Disbursement transaction (TC 20).

TCR 0, 2

CTF - Outgoing and Incoming Interchange

Fee Collection transactions consist of a TCR 0. For some National Settlement transactions such as Brazil National Settlement, a TCR 2 is required. For Visa Cash, a TCR 7 is required.

TC 10 - TCR 0

These tables contain the Fee Collection (TC 10) record layout and edit criteria for TCR 0.

CTF - Outgoing and Incoming Interchange

Fee Collection Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-20	4	UN	Reason Code
21-23	3	AN	Country Code
24-27	4	UN	Event Date (MMDD)
28-43	16	UN	Account Number
44-46	3	AN	Account Number Extension
47-58	12	UN	Destination Amount
59-61	3	AN	Destination Currency Code
62-73	12	UN	Source Amount
74-76	3	AN	Source Currency Code

Fee Collection Record Layout

Position	Field Length	Format	Contents
77-146	70	AN	Message Text
147	1	UN	Settlement Flag
148-162	15	UN	Transaction Identifier
163	1	AN	Reserved
164-167	4	UN	Central Processing Date (YDDD)
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Fee Collection Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain a 10 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: The field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 0 (zero).
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which this BASE II transaction message is sent. This field must contain spaces or a valid identifier to receive monetary items. If spaces are entered, the VIC inserts the destination identifier based on the account number (if the account number is a numeric other than all zeros).
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which this BASE II transaction message was sent. This field must contain a valid identifier to send monetary items.

Fee Collection Edit Criteria

Reason Code Positions: 17-20 Length: 4 Format: unpacked numeric	Description: A VisaNet code that tells the receiving member the reason for the Fee Collection. This field must contain a valid four-digit Funds Disbursement Reason Code (for example, 5310 - ATM Cash Disbursement Issuer Credit). See <i>BASE II Clearing Data Codes</i> for Fee Collection/Funds Disbursement Reason Codes.
Country Code Positions: 21-23 Length: 3 Format: alphanumeric	Description: A three-digit code that represents the country involved. If the Funds Disbursement Reason Code equals 0100 or 0190 , the field must contain a valid country code followed by a space. If the Funds Disbursement Reason Code is 0300 the country code must be CA or BR . The field must contain spaces for all other Funds Disbursement Reason Codes. See <i>BASE II Clearing Data Codes</i> for a list of country codes.
Event Date Positions: 24-27 Length: 4 Format: unpacked numeric	Description: The date of the event for which the funds disbursement is being initiated. The field must contain a valid four-digit date in the format MMDD .
Account Number Positions: 28-43 Length: 16 Format: unpacked numeric	Description: An issuer-assigned number that identifies a cardholder's account. Outgoing: The entry must be a 16-digit numeric. The first nine characters must be valid per the current ARDEF Table. For account numbers less than 16 digits, zero-fill to the right. The entry must be the correct length, must check digit. VIC Edit: The entry must represent either the Destination Identifier or Source Identifier according to the ARDEF Table. Account numbers are required on some transactions depending on the specified Funds Disbursement Reason Code. See the Funds Disbursement Reason Code table in <i>BASE II Clearing Data Codes</i> to determine which reason code requires an account number. Incoming: The edit criteria is the same as for outgoing except that the field must be filled with zeros for those Funds Disbursement Reason Codes so specified in the Fee Collection/Funds Disbursement Reason Codes table located in <i>BASE II Clearing Data Codes</i> .
Account Number Extension Positions: 44-46 Length: 3 Format: alphanumeric	Description: A three-digit extension of the account number that allows account numbers up to 19 digits. If used, the field must be left-justified and zero-filled to the right. The field is used for account numbers greater than 16 digits. The Outgoing Edit Package inserts zeros if there are spaces or if the account number is all zeros.

Fee Collection Edit Criteria

Destination Amount Positions: 47-58 Length: 12 Format: unpacked numeric	<p>Description: Identifies the submitted transaction amount in the currency that is appropriate to the destination endpoint.</p> <p>Outgoing: The field must contain zeros.</p> <p>Incoming: The field must contain a number greater than zero and it must be the same as the Outgoing Source Amount.</p> <p>The VIC converts the Source Amount to the Destination Amount. For National Net and Bilateral transactions, the VIC moves the Source Amount to the Destination Amount field.</p> <p>Note: Two decimals are implied.</p>
Destination Currency Code Positions: 59-61 Length: 3 Format: alphanumeric	<p>Description: The currency type presented to the member on incoming transactions. For most transactions (that is, drafts), it is the billing currency. For other transactions (for example, fee collection, dispute financial), it is the settlement currency of the destination.</p> <p>Outgoing: The field must contain spaces.</p> <p>Incoming: The field must contain a valid ISO numeric code.</p> <p>The VIC inserts the settlement currency of the receiving processing center. For National Net and Bilateral transactions, the Destination Currency Code will be the same as the Source Currency Code.</p>
Source Amount Positions: 62-73 Length: 12 Format: unpacked numeric	<p>Description: Identifies the submitted transaction amount in the currency that is appropriate to the source endpoint.</p> <p>Outgoing: The field must be numeric and be greater than zero. The Source Amount cannot exceed the maximum amount allowed by the Reason Code.</p> <p>Two decimals are implied. To perform the edit check, the VIC converts the amount to U.S. Dollars if it is not already so, and returns the transaction if the converted amount exceeds the maximum allowed for the Funds Disbursement Reason Code (see <i>BASE II Clearing Data Codes</i> for Funds Disbursement Reason Codes).</p> <p>Incoming: The field must be numeric and be greater than zero.</p> <p>Note: This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.</p>
Source Currency Code Positions: 74-76 Length: 3 Format: alphanumeric	<p>Description: The currency type associated with the amount of a transaction entered into interchange.</p> <p>This field must contain a valid ISO numeric code.</p> <p>Note: This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.</p>
Message Text Positions: 77-146 Length: 70 Format: alphanumeric	<p>Description: This field can be used for a freeform text message or a Funds Disbursement Reason Code 0300 transaction (Bill Payment Service; Brazil and Canada only).</p> <p>The field must not contain all spaces.</p> <p>Funds Disbursement Reason Code 0300 edit criteria are shown as follows.</p>

Fee Collection Edit Criteria

Message Text Field for Reason Code 0300 Positions: 77-146 Length: 70 Format: alphanumeric	Description: This field can be used for a freeform text message for transactions with a Reason Code of 0300 . This field is used only in Brazil and Canada Bill Payment Service.
Acquirer Reference Number Positions: 77-99 Length: 23 Format: unpacked numeric	Description: A 23-digit identification number assigned by the acquirer and associated with every draft/voucher. It consists of a format code, acquiring identifier, capture date, file locator, and check digit.
Format Code Positions: 77 Length: 1 Format: unpacked numeric	Description: Used to ensure a valid Visa reference number. The entry must be a 7 .
Acquiring Identifier Positions: 78-83 Length: 6 Format: unpacked numeric	Description: A numeric used to identify an acquiring financial institution. An acquiring identifier may also be assigned to member or non-member processing for identification purposes. The entry must represent either the destination identifier or the source identifier.
Date Positions: 84-87 Length: 4 Format: unpacked numeric	Description: The entry must contain a four-digit numeric in the format YDDD (year and Julian day).
Film Locator Positions: 88-98 Length: 11 Format: unpacked numeric	Description: A number used to identify film records of the transaction. This field must contain an 11-digit numeric. The entry may be zeroes if the center has other provisions for quick retrieval of originals/photocopies.
Check Digit Positions: 99 Length: 1 Format: unpacked numeric	Description: A digit added to the end of an account number of Acquirer Reference Number that is derived from a computation using a predetermined formula and the preceding digits of the account number. It is used during editing processes to validate account numbers and acquirer Reference Numbers. This entry must be a valid standard modulus-10 check digit of the preceding 22 digits (positions 77-98).
Bank Name Positions: 100-124 Length: 25 Format: alphanumeric	Description: The name of the bank. An entry is required and must be space-filled to the right.

Fee Collection Edit Criteria

Bank City Positions: 125-137 Length: 13 Format: alphanumeric	Description: The city where the bank is located. An entry is required and must be space-filled to the right.
Merchant Category Code Positions: 138-141 Length: 4 Format: unpacked numeric	Description: A code designating the principal trade, profession, or line of business in which a merchant is engaged. The entry must be 6010 .
Transfer Type Positions: 142-143 Length: 2 Format: unpacked numeric	Description: Type of transfer being made. The entry must be 00, 01, or 02 : 00 = Cardholder payment 01 = Returned/invalid account 02 = Returned/other reason
Reserved Positions: 144-146 Length: 3 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Settlement Flag Positions: 147 Length: 1 Format: unpacked numeric	Description: Indicates the service used for settlement. See <i>BASE II Clearing Data Codes</i> for a definition of the Settlement Flag codes. Outgoing: The field must contain 0, 7 (valid only for Latin America and Caribbean), 8 , or 9 . If 7 , or 8 are entered, both the Source and Destination identifiers must be non-U.S. Incoming: The field must contain 0, 7 (valid only for Latin America and Caribbean), or 8 . Note: This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Identifier Positions: 148-162 Length: 15 Format: unpacked numeric	Description: A unique value that Visa assigns to each transaction and returns to the acquirer in the authorization response. Visa uses this value to maintain an audit trail throughout the life cycle of the transaction and all related transactions, such as reversals, adjustments, confirmations, and dispute financials. This field must be numeric. The entry must be either zeros or a valid Transaction Identifier. For fulfillment and nonfulfillment fee transactions (Reason Codes 5160 and 5170), the Transaction Identifier from the corresponding transaction will be included.

Fee Collection Edit Criteria

Reserved Positions: 163 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Central Processing Date Positions: 164-167 Length: 4 Format: unpacked numeric	Description: The date (based on GMT) when the ITF or report in question was generated at a VIC. For any given BASE II processing day, this date is based on the input phase of VIC processing. Outgoing: The VIC inserts the Central Processing Date. The field will contain a four-digit numeric in the format YDDD (year and day).
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: This field must contain 0 (zero).

TC 10 - TCR 0 Visa Award (Loyalty)

These tables contain the Fee Collection (TC 10) record layout and edit criteria for TCR 0 - VISA AWARD (LOYALTY).

CTF - Incoming Interchange

Visa Award Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-20	4	UN	Reason Code
21-23	3	AN	Originator Country Code
24-27	4	UN	Event Date (MMDD)
28-43	16	UN	Account Number
44-46	3	UN	Account Number Extension

Visa Award Record Layout

Position	Field Length	Format	Contents
47-58	12	UN	Destination Amount
59-61	3	AN	Destination Currency Code
62-73	12	UN	Source Amount
74-76	3	AN	Source Currency Code
77-101	25	AN	Originator Name
102-114	13	AN	Originator City
115-119	5	UN	Originator ZIP Code
120-122	3	AN	Originator State/Province Code
123-136	14	AN	Merchant Telephone Number
137-146	10	AN	Merchant Verification Value
147	1	UN	Settlement Flag
148-162	15	UN	Transaction Identifier
163	1	AN	Funding Source
164-167	4	UN	Central Processing Date (YDDD)
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Visa Award Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: 10 - Used for Visa Award Reversal and Visa Award Offset Summary.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: Value will be 1 Visa Award, Reversals and offsets.

Visa Award Edit Criteria

Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: Value will be 0 (zero).
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which a BASE II transaction message is sent. A financial identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which this BASE II transaction message was sent. A financial identifier.
Reason Code Positions: 17-20 Length: 4 Format: unpacked numeric	Description: A VisaNet code that provides additional information to the receiving member regarding a Dispute Financial, Dispute Response Financial, Fee Collection, Funds Disbursement, or Transaction Receipt Request. These values should be used: 6000 - OCT TC 10 PO Statement Credit 6050 - Visa Award Reversal 6060 - Visa Award Offset Summary
Originator Country Code Positions: 21-23 Length: 3 Format: alphanumeric	Description: Identifies the two-digit country code.
Event Date (MMDD) Positions: 24-27 Length: 4 Format: unpacked numeric	Description: The date the transaction was created.
Account Number Positions: 28-43 Length: 16 Format: unpacked numeric	Description: An issuer-assigned number that identifies a cardholder's account. Left-justified, zero-filled (zero filled for the summary).
Account Number Extension Positions: 44-46 Length: 3 Format: unpacked numeric	Description: A three-digit extension of the account number that allows account numbers up to 19 digits. Left-justified, zero-filled (zero filled for the summary).

Visa Award Edit Criteria

Destination Amount Positions: 47-58 Length: 12 Format: unpacked numeric	Description: Identifies the submitted transaction amount in the currency that is appropriate to the destination endpoint. Two decimals are implied. Amount of Award.
Destination Currency Code Positions: 59-61 Length: 3 Format: alphanumeric	Description: The currency type presented to the member on incoming transactions. For most transactions (that is, drafts), it is the billing currency. For other transactions (for example, fee collection, dispute financial), it is the settlement currency of the destination.
Source Amount Positions: 62-73 Length: 12 Format: unpacked numeric	Description: Identifies the submitted transaction amount in the currency that is appropriate to the source endpoint. Two decimals are implied. Same as the Destination Amount.
Source Currency Code Positions: 74-76 Length: 3 Format: alphanumeric	Description: The currency type associated with the amount of a transaction entered into interchange.
Originator Name Positions: 77-101 Length: 25 Format: alphanumeric	Description: Name of the originator of the transaction.
Originator City Positions: 102-114 Length: 13 Format: alphanumeric	Description: Originator City.
Originator ZIP Code Positions: 115-119 Length: 5 Format: unpacked numeric	Description: Originator ZIP.
Originator State/Province Code Positions: 120-122 Length: 3 Format: alphanumeric	Description: Originator State.

Visa Award Edit Criteria

Merchant Telephone Number Positions: 123-136 Length: 14 Format: alphanumeric	Description: Merchant telephone number. This field will be blank.
Merchant Verification Value Positions: 137-146 Length: 10 Format: alphanumeric	Description: The value is used by Visa to determine a merchant's eligibility to participate in any special programs. The first six positions of the MVV will be assigned to participating merchants by Visa. The last four positions will be defined in conjunction with the acquirer. Acquirers must include the MVV in BASE II Clearing transactions to qualify for any special programs fee processing. This field will be blank.
Settlement Flag Positions: 147 Length: 1 Format: unpacked numeric	Description: Indicates the service used for settlement. Value will be 0 (zero).
Transaction Identifier Positions: 148-162 Length: 15 Format: unpacked numeric	Description: A unique value that Visa assigns to each transaction and returns to the acquirer in the authorization response. Visa uses this value to maintain an audit trail throughout the life cycle of the transaction and all related transactions, such as reversals, adjustments, confirmations, and dispute financials. This field may have a value only for Pay With Points records. For all other Visa Award types the value will be zeros.
Funding Source Positions: 163 Length: 1 Format: alphanumeric	Description: I = Issuer Funded V = Visa Funded M = Merchant Funded P = Program Sponsor Funded O = Any source other than the above. This field is valid for TAQC and Sweepstakes records.
Central Processing Date (YDDD) Positions: 164-167 Length: 4 Format: unpacked numeric	Description: The date (based on GMT) when the ITF or report in question was generated at a VIC. For any given BASE II processing day, this date is based on the input phase of VIC processing.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

TC 10 - TCR 0 Sweepstakes

These tables contain the Fee Collection (TC 10) record layout and edit criteria for TCR 0 - SWEEPSTAKES.

CTF - Incoming Interchange

Sweepstakes Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-20	4	UN	Reason Code
21-23	3	AN	Originator Country Code
24-27	4	UN	Event Date (MMDD)
28-43	16	UN	Account Number
44-46	3	UN	Account Number Extension
47-58	12	UN	Destination Amount
59-61	3	AN	Destination Currency Code
62-73	12	UN	Source Amount
74-76	3	AN	Source Currency Code
77-101	25	AN	Originator Name
102-114	13	AN	Originator City
115-119	5	UN	Originator ZIP Code
120-122	3	AN	Originator State/Province Code
123-136	14	AN	Merchant Telephone Number
137-146	10	AN	Merchant Verification Value
147	1	UN	Settlement Flag
148-162	15	UN	Transaction Identifier

Sweepstakes Record Layout

Position	Field Length	Format	Contents
163	1	AN	Funding Source
164-167	4	UN	Central Processing Date (YDDD)
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Sweepstakes Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: 10 - Sweepstakes Award Reversal or sweepstakes summary
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: Value will be 1 Sweepstakes.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: Value will be zero.
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which a BASE II transaction message is sent. Visa issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The identifier from which this BASE II transaction message was sent. Visa U.S. issuing or acquiring identifier.

Sweepstakes Edit Criteria

Reason Code Positions: 17-20 Length: 4 Format: unpacked numeric	Description: A VisaNet code that provides additional information to the receiving member regarding a Dispute Financial, Dispute Response Financial, Fee Collection, Funds Disbursement, or Transaction Receipt Request. These values should be used: 5340 = Sweepstakes Award Reversal 5350 = Sweepstakes Summary
Originator Country Code Positions: 21-23 Length: 3 Format: alphanumeric	Description: Identifies the two-digit country code. For Sweepstakes, the value will be U.S.
Event Date (MMDD) Positions: 24-27- Length: 4 Format: unpacked numeric	Description: The date the transaction was created.
Account Number Positions: 28-43 Length: 16 Format: unpacked numeric	Description: An issuer-assigned number that identifies a cardholder's account. Left-justified, zero-filled (zero filled for the summary record).
Account Number Extension Positions: 44-46 Length: 3 Format: unpacked numeric	Description: A three-digit extension of the account number that allows account numbers up to 19 digits. Left-justified, zero-filled (zero filled for the summary record).
Destination Amount Positions: 47-58 Length: 12 Format: unpacked numeric	Description: Identifies the submitted transaction amount in the currency that is appropriate to the destination endpoint. Two decimals are implied. Amount of award reversal or summary.
Destination Currency Code Positions: 59-61 Length: 3 Format: alphanumeric	Description: The currency type presented to the member on incoming transactions. For most transactions (that is, drafts), it is the billing currency. For other transactions (for example, fee collection, dispute financial), it is the settlement currency of the destination. This field will be 840 .
Source Amount Positions: 62-73 Length: 12 Format: unpacked numeric	Description: Identifies the submitted transaction amount in the currency that is appropriate to the source endpoint. Two decimals are implied. Same as the Destination Amount.

Sweepstakes Edit Criteria

Source Currency Code Positions: 74-76 Length: 3 Format: alphanumeric	Description: The currency type associated with the amount of a transaction entered into interchange. The value will be 840 .
Originator Name Positions: 77-101 Length: 25 Format: alphanumeric	Description: Originator name. This field will contain a description of the purpose of the statement credit. This information should be printed on the cardholder statement.
Originator City Positions: 102-114 Length: 13 Format: alphanumeric	Description: Originator city. This field must not be blank.
Originator ZIP Code Positions: 115-119 Length: 5 Format: unpacked numeric	Description: Originator ZIP. This field must not be blank.
Originator State/Province Code Positions: 120-122 Length: 3 Format: alphanumeric	Description: Originator state. This field must not be blank.
Merchant Telephone Number Positions: 123-136 Length: 14 Format: alphanumeric	Description: Merchant telephone number. This field will be blank.
Merchant Verification Value Positions: 137-146 Length: 10 Format: alphanumeric	Description: The value is used by Visa to determine a merchant's eligibility to participate in any special programs. The first six positions of the MVV will be assigned to participating merchants by Visa. The last four positions will be defined in conjunction with the acquirer. Acquirers must include the MVV in BASE II Clearing transactions to qualify for any special programs fee processing. This field will be blank.
Settlement Flag Positions: 147 Length: 1 Format: unpacked numeric	Description: Indicates the service used for settlement. Value will be 0 (zero).

Sweepstakes Edit Criteria

Transaction Identifier Positions: 148-162 Length: 15 Format: unpacked numeric	Description: A unique value that Visa assigns to each transaction and returns to the acquirer in the authorization response. Visa uses this value to maintain an audit trail throughout the life cycle of the transaction and all related transactions, such as reversals, adjustments, confirmations, and dispute financials. This field will contain zeros.
Funding Source Positions: 163 Length: 1 Format: alphanumeric	Description: I = Issuer Funded V = Visa Funded M = Merchant Funded P = Program Sponsor Funded O = Any source other than the above. This field is valid for TAQC and Sweepstakes records.
Central Processing Date (YDDD) Positions: 164-167 Length: 4 Format: unpacked numeric	Description: The date (based on GMT) when the ITF or report in question was generated at a VIC. For any given BASE II processing day, this date is based on the input phase of VIC processing.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

TC 10 - TCR 2 Argentina National Settlement

These tables contain the Fee Collection (TC 10) record layout and edit criteria for TCR 2 - ARGENTINA NATIONAL SETTLEMENT.

CTF - Outgoing and Incoming Interchange

Fee Collection Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier

Fee Collection Record Layout

Position	Field Length	Format	Contents
4	1	UN	Transaction Component Sequence Number
5-16	12	AN	Reserved
17-19	3	AN	National Net Country Code
20-75	56	AN	Reserved
76-81	6	UN	Deferred Settlement Date
82-168	87	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Fee Collection Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain a 10 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: The field must contain a 0 (zero) .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 2 .
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field will be space-filled.
National Net Country Code Positions: 17-19 Length: 3 Format: alphanumeric	Description: This field must contain the value AR^ (Argentina), where ^ = space.

Fee Collection Edit Criteria

Reserved Positions: 20-75 Length: 56 Format: alphanumeric	Description: This field will be space-filled.
Deferred Settlement Date Positions: 76-81 Length: 6 Format: unpacked numeric	Description: This field will contain the deferred settlement date in yymmdd format, where: <ul style="list-style-type: none"> yy (Year) = 00-99 mm (Month) = 01-12 dd (Day) = 01-31 This field may be equal to or greater than the current CPD. Note: Deferred Settlement Date can be up to 365 calendar days.
Reserved Positions: 82-168 Length: 87 Format: alphanumeric	Description: This field will be space-filled.

TC 10 - TCR 2 Brazil National Settlement

These tables contain the Fee Collection (TC 10) record layout and edit criteria for TCR 2 - BRAZIL NATIONAL SETTLEMENT.

CTF - Outgoing and Incoming Interchange

Fee Collection Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-16	12	AN	Reserved
17-19	3	AN	Country Code
20-22	3	AN	Reserved
23-25	3	AN	Settlement Type

Fee Collection Record Layout

Position	Field Length	Format	Contents
26-35	10	UN	National Reimbursement Fee
36-39	4	UN	Central Processing Date (YDDD)
40-41	2	AN	Installment Payment Count
42-168	127	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Fee Collection Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain a 10 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: The field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 2 .
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Country Code Positions: 17-19 Length: 3 Format: alphanumeric	Description: Identifies the country of the acquiring institution for the merchant. The field must contain BR left-justified and be followed by a space.

Fee Collection Edit Criteria

Reserved Positions: 20-22 Length: 3 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Settlement Type Positions: 23-25 Length: 3 Format: alphanumeric	Description: Indicates if settlement is deferred and by how many days. VIC Edit: The field must contain a valid entry as defined on the National Calendar. The entry must be zero-filled to the left (for example, settlement Type of 2 is entered as 002). Reversals of Fee Collection Reason Code 0300 transactions only: The entry must be the settlement type from the original transaction.
National Reimbursement Fee Positions: 26-35 Length: 10 Format: unpacked numeric	Description: Indicates amount of national reimbursement fee. VIC Edit: An entry is not required, but the field must be zero-filled. Reversals of Fee Collection Reason Code 0300 transactions only: The entry must be the reimbursement fee from the original transaction. Note: Two decimal positions are implied.
Central Processing Date Positions: 36-39 Length: 4 Format: unpacked numeric	Description: The date (based on GMT) when the ITF or report in question was generated at a VIC. For any given BASE II processing day, this date is based on the input phase of VIC processing. VIC Edit: This field is not required and must be zero-filled. Reversals of Fee Collection Reason Code 0300 transactions only: The entry must be the central processing date from the original transaction in YDDD format.
Installment Payment Count Positions: 40-41 Length: 2 Format: alphanumeric	Description: If installment purchase, indicates the number of installments. VIC Edit: This field must contain a numeric entry from 00 through 99 or spaces.
Reserved Positions: 42-168 Length: 127 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 10 - TCR 4 Promotional Data

These tables contain the Fee Collection (TC 10) record layout and edit criteria for TCR 4 - PROMOTION DATA.

Cardholder Credits/Rebates Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-6	2	AN	Business Format Code
7-8	2	AN	Promotion Type
9-33	25	AN	Promotion Code
34-37	4	UN	Network Identification Code
38-168	131	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Cardholder Credits/Rebates Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 10 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 1 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 4 .

Cardholder Credits/Rebates Edit Criteria

Business Format Code Positions: 5-6 Length: 2 Format: alphanumeric	Description: This field must contain PD (for Promotion data).
Promotion Type Positions: 7-8 Length: 2 Format: alphanumeric	Description: A code that will define the type of promotion associated with the transaction. The range of values reserved for Visa use only are: Position 7: V - Z Position 8: 1 - 9 and A - Z
Promotion Code Positions: 9-33 Length: 25 Format: alphanumeric	Description: A value that will refer to a specific promotional or loyalty program. The range of values reserved for Visa use only are: Position 9: V - Z Positions 10-33: 1 - 9 and A - Z
Network Identification Code Positions: 34-37 Length: 4 Format: unpacked numeric	Description: This field will include the network identification code. Valid values are 0000-9999 . For transactions that do not contain network identification data, this field should contain all zeros.
Reserved Positions: 38-168 Length: 131 Format: alphanumeric	Description: This field will be space-filled by the Edit Package.

Chapter 6

TC 20 Funds Disbursement Transactions

TC 20 - Funds Disbursement Transactions

The Funds Disbursement transaction (TC 20) is used to reverse a Fee Collection transaction (TC 10) and to transmit monetary credits.

TCR 0, 2

CTF - Outgoing and Incoming Interchange

Funds Disbursement transactions consist of a TCR 0. For some National Settlement transactions such as Brazil National Settlement, a TCR 2 is required. For Visa Cash, a TCR 7 is required.

TC 20 - TCR 0

This table contains the Funds Disbursement (TC 20) record layout for TCR 0.

CTF - Outgoing and Incoming Interchange

Funds Disbursement Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-20	4	UN	Reason Code
21-23	3	AN	Country Code
24-27	4	UN	Event Date (MMDD)
28-43	16	UN	Account Number
44-46	3	AN	Account Number Extension
47-58	12	UN	Destination Amount
59-61	3	AN	Destination Currency Code
62-73	12	UN	Source Amount
74-76	3	AN	Source Currency Code

Funds Disbursement Record Layout

Position	Field Length	Format	Contents
77-146	70	AN	Message Text
147	1	UN	Settlement Flag
148-162	15	UN	Transaction Identifier
163	1	AN	Reserved
164-167	4	UN	Central Processing Date (YDDD)
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Funds Disbursement Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain a 20 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: The field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 0 (zero).
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which this transaction message is sent. The field must contain spaces or a valid identifier to receive monetary items. If spaces are entered, the VIC inserts the destination identifier based on the account number (if the account number is a numeric other than all zeros).
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which this BASE II transaction message was sent. The field must contain a valid identifier to send monetary items.

Funds Disbursement Edit Criteria

Reason Code Positions: 17-20 Length: 4 Format: unpacked numeric	Description: A VisaNet code that tells the receiving member the reason for the Funds Disbursement. The field must contain a valid four-digit Funds Disbursement Reason Code. See <i>BASE II Clearing Data Codes</i> for Fee Collection Reason Codes.
Country Code Positions: 21-23 Length: 3 Format: alphanumeric	Description: A three-digit code that represents the country involved. If the Funds Disbursement Reason Code equals 0100 or 0190 , the field must contain a valid country code followed by a space. If the Funds Disbursement Reason Code is 0300 the country code must be CA or BR . The field must contain spaces for all other Funds Disbursement Reason Codes. See <i>BASE II Clearing Data Codes</i> for a list of country codes.
Event Date Positions: 24-27 Length: 4 Format: unpacked numeric	Description: The date of the event for which the funds disbursement is being initiated. The field must contain a valid four-digit date in the format MMDD .
Account Number Positions: 28-43 Length: 16 Format: unpacked numeric	Description: An issuer-assigned number that identifies a cardholder's account. Account numbers are required on some transactions depending on the specified Funds Disbursement Reason Code. See the Funds Disbursement Reason Code table in <i>BASE II Clearing Data Codes</i> to determine which reason code requires an account number. Outgoing: When the field is required, the entry must be a 16-digit numeric. The first nine characters must be valid per the current ARDEF Table. For account numbers less than 16 digits, zero-fill to the right. The entry must be the correct length, must check digit. VIC Edit: The entry must represent either the Destination Identifier or Source Identifier according to the ARDEF Table.
Account Number Extension Positions: 44-46 Length: 3 Format: alphanumeric	Description: A three-digit extension of the account number that allows account numbers up to 19 digits. If used, the field must be left-justified and zero-filled to the right. The field is used for account numbers greater than 16 digits. The Outgoing Edit Package inserts zeros if there are spaces or if the account number is all zeros.
Destination Amount Positions: 47-58 Length: 12 Format: unpacked numeric	Description: The amount that is credited to the destination identifier. Outgoing: The field must contain zeros. Incoming: The field will contain a number greater than zero. The VIC converts the Source Amount to the Destination Amount. For National Net and Bilateral transactions, the VIC moves the Source Amount to the Destination Amount field. Two decimals are implied.

Funds Disbursement Edit Criteria

Destination Currency Code Positions: 59-61 Length: 3 Format: alphanumeric	Description: The currency type presented to the member on incoming transactions. Outgoing: The field must contain spaces. Incoming: The field will contain a valid ISO numeric code. The VIC inserts the settlement currency of the receiving processing center. For National Net and Bilateral transactions, the Destination Currency Code will be the same as the Source Currency Code.
Source Amount Positions: 62-73 Length: 12 Format: unpacked numeric	Description: Identifies the submitted transaction amount in the currency that is appropriate to the source endpoint. The amount that will be debited to the source identifier. Outgoing: The field must be numeric and be greater than zero. The Source Amount cannot exceed the maximum amount allowed by the Reason Code. Two decimals are implied. To perform the edit check, the VIC converts the amount to U.S. Dollars if it is not already so, and returns the transaction if the converted amount exceeds the maximum allowed for the Funds Disbursement Reason Code (see <i>BASE II Clearing Data Codes</i> for Funds Disbursement Reason Codes). Note: This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run. Incoming: The field must contain a numeric greater than zero.
Source Currency Code Positions: 74-76 Length: 3 Format: alphanumeric	Description: The currency associated with the source amount of the transaction. The field must contain a valid ISO numeric code. Note: This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Message Text Positions: 77-146 Length: 70 Format: alphanumeric	Description: This field can be used for a freeform text message or for required information in a Funds Disbursement Reason Code 0300 transaction (Bill Payment Service; Brazil and Canada only). This field must not contain all spaces. Funds Disbursement Reason Code 0300 edit criteria are shown as follows.
Message Text Field for Reason Code 0300 Positions: 77-146 Length: 70 Format: alphanumeric	Description: This field can be used for a text message for transactions with a Reason Code of 0300 . This field is used only in Brazil and Canada Bill Payment Service.
Acquirer Reference Number Positions: 77-99 Length: 23 Format: unpacked numeric	Description: A 23-digit identification number assigned by the acquirer or source of the transaction. It consists of a format code, acquiring identifier, capture date, file locator, and check digit.

Funds Disbursement Edit Criteria

Format Code Positions: 77 Length: 1 Format: unpacked numeric	Description: Used to ensure a valid Visa reference number. The entry must be a 7 .
Acquiring Identifier Positions: 78-83 Length: 6 Format: unpacked numeric	Description: A numeric used to identify an acquiring financial institution. The entity must represent the source acquiring identifier.
Date Positions: 84-87 Length: 4 Format: unpacked numeric	Description: The date the transaction was originated. The entry must contain a four-digit numeric in the format YDDD (year and Julian day).
Film Locator Positions: 88-98 Length: 11 Format: unpacked numeric	Description: A number used to identify film records of the transaction. This field must contain an 11-digit numeric. The entry may be zeroes if the center has other provisions for quick retrieval of originals/photocopies.
Check Digit Positions: 99 Length: 1 Format: unpacked numeric	Description: A digit added to the end of the Acquirer Reference Number that is derived from a computation using a predetermined formula and the preceding digits of the Acquirer Reference Number. It is used during editing processes to validate the Acquirer Reference Number. The entry must be a valid standard modulus-10 check digit of the preceding 22 digits (positions 77-98)
Bank Name Positions: 100-124 Length: 25 Format: alphanumeric	Description: The name of the bank. An entry is required and must be space-filled to the right.
Bank City Positions: 125-137 Length: 13 Format: alphanumeric	Description: The city where the bank is located. An entry is required and must be space-filled to the right.
Merchant Category Code Positions: 138-141 Length: 4 Format: unpacked numeric	Description: A code indicating the principal line of business the merchant is engaged in. The entry must be 6010 .

Funds Disbursement Edit Criteria

Transfer Type Positions: 142-143 Length: 2 Format: unpacked numeric	Description: A code indicating the reason for the cardholder payment transaction. The entry must be 00 , 01 , or 02 : 00 = Cardholder payment 01 = Returned/invalid account 02 = Returned/other reason
Reserved Positions: 144-146 Length: 3 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Settlement Flag Positions: 147 Length: 1 Format: unpacked numeric	Description: Indicates if the transaction will settle in the International Settlement Service or in a National Area Net. Outgoing: The field must contain 0 , 8 , or 9 . If is entered, both the Source and Destination identifiers must be non-U.S. Note: This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run. Incoming: The field will contain 0 or 8 . See <i>BASE II Clearing Data Codes</i> for a definition of the Settlement Flag codes.
Transaction Identifier Positions: 148-162 Length: 15 Format: unpacked numeric	Description: A unique value that Visa assigns to each transaction and returns to the acquirer in the authorization response. Visa uses this value to maintain an audit trail throughout the life cycle of the transaction and all related transactions, such as reversals, adjustments, confirmations, and dispute financials. The entry must be numeric. The entry must be either zeros or a valid Transaction Identifier. For fulfillment and nonfulfillment fee transactions (Reason Codes 5160 and 5170), the Transaction Identifier from the corresponding transaction will be included.
Reserved Positions: 163 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Funds Disbursement Edit Criteria

Central Processing Date Positions: 164-167 Length: 4 Format: unpacked numeric	Description: The date (based on GMT) when the ITF was generated at a VIC. Outgoing: The VIC inserts the Central Processing Date. The field will contain a four-digit numeric in the format YDDD (year and day).
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: This field must contain 0 (zero).

TC 20 - TCR 0 Visa Award (Loyalty)

This table contains the Funds Disbursement (TC 20) record layout for TCR 0 - VISA AWARD (LOYALTY).

CTF - Incoming Interchange

Visa Award Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-20	4	UN	Reason Code
21-23	3	AN	Originator Country Code
24-27	4	UN	Event Date (MMDD)
28-43	16	UN	Account Number
44-46	3	UN	Account Number Extension
47-58	12	UN	Destination Amount
59-61	3	AN	Destination Currency Code
62-73	12	UN	Source Amount
74-76	3	AN	Source Currency Code
77-101	25	AN	Originator Name

Visa Award Record Layout

Position	Field Length	Format	Contents
102-114	13	AN	Originator City
115-119	5	UN	Originator ZIP Code
120-122	3	AN	Originator State/Province Code
123-136	14	AN	Merchant Telephone Number
137-146	10	AN	Merchant Verification Value
147	1	UN	Settlement Flag
148-162	15	UN	Transaction Identifier
163	1	AN	Funding Source
164-167	4	UN	Central Processing Date (YDDD)
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Visa Award Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: 20 - Visa Award or Visa Award Reversal Offset Summary.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: Value will be 1 Visa Award, Reversals and offsets.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: Value will be 0 (zero).
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which a transaction message is sent. A financial identifier.

Visa Award Edit Criteria

Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message was sent. A financial identifier.
Reason Code Positions: 17-20 Length: 4 Format: unpacked numeric	Description: A VisaNet code that tells the receiving member the reason for the Funds Disbursement. These values should be used: 6040 = Visa Award 6070 = Visa Award Reversal Offset Summary
Originator Country Code Positions: 21-23 Length: 3 Format: alphanumeric	Description: An ISO alpha country code.
Event Date (MMDD) Positions: 24-27 Length: 4 Format: unpacked numeric	Description: Date the transaction was created.
Account Number Positions: 28-43 Length: 16 Format: unpacked numeric	Description: An issuer-assigned number that identifies a cardholder's account. Left-justified, zero-filled.
Account Number Extension Positions: 44-46 Length: 3 Format: unpacked numeric	Description: A three-digit extension of the account number that allows account numbers up to 19 digits. Left-justified, zero-filled.
Destination Amount Positions: 47-58 Length: 12 Format: unpacked numeric	Description: Amount of award. This field will contain a numeric value greater than zero. Two decimals are implied.
Destination Currency Code Positions: 59-61 Length: 3 Format: alphanumeric	Description: The currency type presented to the member on incoming transactions. For most transactions (that is, drafts), it is the billing currency. For other transactions (for example, fee collection, dispute financial), it is the settlement currency of the destination.

Visa Award Edit Criteria

Source Amount Positions: 62-73 Length: 12 Format: unpacked numeric	Description: Identifies the submitted transaction amount in the currency that is appropriate to the source endpoint. Amount of reward. Two decimals are implied.
Source Currency Code Positions: 74-76 Length: 3 Format: alphanumeric	Description: The currency type associated with the amount of a transaction entered into interchange.
Originator Name Positions: 77-101 Length: 25 Format: alphanumeric	Description: Originator name.
Originator City Positions: 102-114 Length: 13 Format: alphanumeric	Description: Originator city.
Originator ZIP Code Positions: 115-119 Length: 5 Format: unpacked numeric	Description: Originator ZIP code.
Originator State/Province Code Positions: 120-122 Length: 3 Format: alphanumeric	Description: Originator state.
Merchant Telephone Number Positions: 123-136 Length: 14 Format: alphanumeric	Description: Merchant telephone number. This field will be blank.
Merchant Verification Value Positions: 137-146 Length: 10 Format: alphanumeric	Description: The value is used by Visa to determine a merchant's eligibility to participate in any special programs. The first six positions of the MVV will be assigned to participating merchants by Visa. The last four positions will be defined in conjunction with the acquirer. Acquirers must include the MVV in BASE II Clearing transactions to qualify for any special programs fee processing. This field will be blank.

Visa Award Edit Criteria

Settlement Flag Positions: 147 Length: 1 Format: unpacked numeric	Description: Indicates if the transaction will settle in the International Settlement Service or in a National Area Net. Value will be 0 (zero)
Transaction Identifier Positions: 148-162 Length: 15 Format: unpacked numeric	Description: A unique value that Visa assigns to each transaction and returns to the acquirer in the authorization response. Visa uses this value to maintain an audit trail throughout the life cycle of the transaction and all related transactions, such as reversals, adjustments, confirmations, and dispute financials. This field may have a value only for Pay With Points records. For all other Visa Award types the value will be zeros .
Funding Source Positions: 163 Length: 1 Format: alphanumeric	Description: I = Issuer Funded V = Visa Funded M = Merchant Funded P = Program Sponsor Funded O = Any source other than the above. This field is valid for TAQC and Sweepstakes records.
Central Processing Date (YDDD) Positions: 164-167 Length: 4 Format: unpacked numeric	Description: The date (based on GMT) when the ITF was generated at a VIC.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

TC 20 - TCR 0 Sweepstakes

This table contains the Funds Disbursement (TC 20) record layout for TCR 0 - SWEEPSTAKES.

CTF - Incoming Interchange

Sweepstakes Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-20	4	UN	Reason Code
21-23	3	AN	Originator Country Code
24-27	4	UN	Event Date (MMDD)
28-43	16	UN	Account Number
44-46	3	UN	Account Number Extension
47-58	12	UN	Destination Amount
59-61	3	AN	Destination Currency Code
62-73	12	UN	Source Amount
74-76	3	AN	Source Currency Code
77-101	25	AN	Originator Name
102-114	13	AN	Originator City
115-119	5	UN	Originator Zip Code
120-122	3	AN	Originator State/Province Code
123-136	14	AN	Merchant Telephone Number
137-146	10	AN	Merchant Verification Value
147	1	UN	Settlement Flag
148-162	15	UN	Transaction Identifier
163	1	AN	Funding Source
164-167	4	UN	Central Processing Date (YDDD)
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Sweepstakes Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: 20 - Used for sweepstakes award or sweepstakes summary reversal.
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: Value will be 1 Sweepstakes.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: Value will be zero .
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which this transaction message is sent. Visa issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which this BASE II transaction message was sent. Visa internal identifier.
Reason Code Positions: 17-20 Length: 4 Format: unpacked numeric	Description: A VisaNet code that tells the receiving member the reason for the Funds Disbursement. These values should be used: 5330 = Sweepstakes Award 5360 = Sweepstakes Reversal
Originator Country Code Positions: 21-23 Length: 3 Format: alphanumeric	Description: An ISO alpha country code. The value will be US for Visa Sweepstakes
Event Date (MMDD) Positions: 24-27 Length: 4 Format: unpacked numeric	Description: The date the transaction was created.

Sweepstakes Edit Criteria

Account Number Positions: 28-43 Length: 16 Format: unpacked numeric	Description: An issuer-assigned number that identifies a cardholder's account. Left-justified zero-filled (zero filled for the summary)
Account Number Extension Positions: 44-46 Length: 3 Format: unpacked numeric	Description: A three-digit extension of the account number that allows account numbers up to 19 digits. Left-justified, zero-filled (zero filled for the summary).
Destination Amount Positions: 47-58 Length: 12 Format: unpacked numeric	Description: Amount of award or summary reversal. Two decimals are implied.
Destination Currency Code Positions: 59-61 Length: 3 Format: alphanumeric	Description: The currency type presented to the member on incoming transactions. The field will be 840 .
Source Amount Positions: 62-73 Length: 12 Format: unpacked numeric	Description: Identifies the submitted transaction amount in the currency that is appropriate to the source endpoint. Amount of reward or summary reversal. Two decimals are implied.
Source Currency Code Positions: 74-76 Length: 3 Format: alphanumeric	Description: The ISO numeric currency code for the US dollar. The value will be 840 .
Originator Name. Positions: 77-101 Length: 25 Format: alphanumeric	Description: Originator name. This field will contain a description of the purpose of the statement credit. This information should be printed on the cardholder statement.
Originator City Positions: 102-114 Length: 13 Format: alphanumeric	Description: Originator city. This field must not be blank.

Sweepstakes Edit Criteria

Originator Zip Code Positions: 115-119 Length: 5 Format: unpacked numeric	Description: Originator ZIP code. This field must not be blank.
Originator State/Province Code Positions: 120-122 Length: 3 Format: alphanumeric	Description: Originator state. This field must not be blank.
Merchant Telephone Number Positions: 123-136 Length: 14 Format: alphanumeric	Description: Merchant telephone number. This field will be blank.
Merchant Verification Value Positions: 137-146 Length: 10 Format: alphanumeric	Description: The value is used by Visa to determine a merchant's eligibility to participate in any special programs. The first six positions of the MVV will be assigned to participating merchants by Visa. The last four positions will be defined in conjunction with the acquirer. Acquirers must include the MVV in BASE II Clearing transactions to qualify for any special programs fee processing. This field will be blank.
Settlement Flag Positions: 147 Length: 1 Format: unpacked numeric	Description: Indicates if the transaction will settle in the International Settlement Service or in a National Area Net. Value will be 0 (zero).
Transaction Identifier Positions: 148-162 Length: 15 Format: unpacked numeric	Description: A unique value that Visa assigns to each transaction and returns to the acquirer in the authorization response. Visa uses this value to maintain an audit trail throughout the life cycle of the transaction and all related transactions, such as reversals, adjustments, confirmations, and dispute financials. This field will contain zeros.
Funding Source Positions: 163 Length: 1 Format: alphanumeric	Description: I = Issuer Funded V = Visa Funded M = Merchant Funded P = Program Sponsor Funded O = Any source other than the above. This field is valid for TAQC and Sweepstakes records.

Sweepstakes Edit Criteria

Central Processing Date (YDDD) Positions: 164-167 Length: 4 Format: unpacked numeric	Description: The date (based on GMT) when the ITF was generated at a VIC.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

TC 20 - TCR 2 Argentina National Settlement

This table contains the Funds Disbursement (TC 20) record layout for TCR 2 - ARGENTINA NATIONAL SETTLEMENT.

CTF - Outgoing and Incoming Interchange

Funds Disbursement Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-16	12	AN	Reserved
17-19	3	AN	National Net Country Code
20-75	56	AN	Reserved
76-81	6	UN	Deferred Settlement Date
82-168	87	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Funds Disbursement Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain a 20 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: The field must contain a 0 (zero).
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 2 .
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field will be space-filled.
National Net Country Code Positions: 17-19 Length: 3 Format: alphanumeric	Description: This field must contain the value AR^ (Argentina), where ^ = space.
Reserved Positions: 20-75 Length: 56 Format: alphanumeric	Description: This field will be space-filled.

Funds Disbursement Edit Criteria

Deferred Settlement Date Positions: 76-81 Length: 6 Format: unpacked numeric	Description: This field will contain the deferred settlement date in yymmdd format, where: <ul style="list-style-type: none"> yy (Year) = 00-99 mm (Month) = 01-12 dd (Day) = 01-31 This field may be equal to or greater than the current CPD. Note: Deferred Settlement Date can be up to 365 calendar days.
Reserved Positions: 82-168 Length: 87 Format: alphanumeric	Description: This field will be space-filled.

TC 20 - TCR 2 Brazil National Settlement

This table contains the Funds Disbursement (TC 20) record layout for TCR 2 - BRAZIL NATIONAL SETTLEMENT.

CTF - Outgoing and Incoming Interchange

Funds Disbursement Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-16	12	AN	Reserved
17-19	3	AN	Country Code
20-22	3	AN	Reserved
23-25	3	AN	Settlement Type
26-35	10	UN	National Reimbursement Fee
36-39	4	UN	Central Processing Date (YDDD)
40-41	2	AN	Installment Payment Count

Funds Disbursement Record Layout

Position	Field Length	Format	Contents
42-168	127	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Funds Disbursement Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain a 20 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: The field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 2 .
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Country Code Positions: 17-19 Length: 3 Format: alphanumeric	Description: Identifies the country of the acquiring institution. VIC Edit: The field must contain BR .
Reserved Positions: 20-22 Length: 3 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Funds Disbursement Edit Criteria

Settlement Type Positions: 23-25 Length: 3 Format: alphanumeric	Description: Code specifying the number of days for settlement deferment. VIC Edit: The field must contain a valid entry as defined on the National Calendar. The entry must be zero-filled to the left (for example, Settlement Type of 2 is entered as 002). Reversals of Fee Collection Reason Code 0300 transactions only: The entry must be the settlement type from the original transaction.
National Reimbursement Fee Positions: 26-35 Length: 10 Format: unpacked numeric	Description: Amount of the National Interchange Reimbursement Fee. VIC Edit: This field is required for transactions with a Funds Disbursement Reason Code of 0300 . An entry is not required for other Funds Disbursement transactions, but the field must be zero-filled. Reversals of Fee Collection Reason Code 0300 transactions only: The entry must be the same as in the original transaction. Two decimal positions are implied.
Central Processing Date Positions: 36-39 Length: 4 Format: unpacked numeric	Description: The date (based on GMT) when the ITF was generated at a VIC. VIC Edit: This field is not required and must be zero-filled. Reversals of Fee Collection Reason Code 0300 transactions only: The entry must be the central processing date from the original transaction in YDDD format.
Installment Payment Count Positions: 40-41 Length: 2 Format: alphanumeric	Description: If installment purchase, indicates the number of installments. VIC Edit: The field must contain a numeric entry from 00 through 99 or spaces .
Reserved Positions: 42-168 Length: 127 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 20 - TCR 4 Promotional Data

This table contains the Funds Disbursement (TC 20) record layout for TCR 4 - PROMOTIONAL DATA.

Cardholder Credits/Rebates Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier

Cardholder Credits/Rebates Record Layout

Position	Field Length	Format	Contents
4	1	UN	Transaction Component Sequence Number
5-6	2	AN	Business Format Code
7-8	2	AN	Promotion Type
9-33	25	AN	Promotion Code
34-37	4	UN	Network Identification Code
38-168	131	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Cardholder Credits/Rebates Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 20 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 1 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 4 .
Business Format Code Positions: 5-6 Length: 2 Format: alphanumeric	Description: This field must contain PD (for Promotion data.)
Promotion Type Positions: 7-8 Length: 2 Format: alphanumeric	Description: A code that will define the type of promotion associated with the transaction. The range of values reserved for Visa use only are: Position 7: V - Z Position 8: 1 - 9 and A - Z

Cardholder Credits/Rebates Edit Criteria

Promotion Code Positions: 9-33 Length: 25 Format: alphanumeric	Description: A value that will refer to a specific promotional or loyalty program. The range of values reserved for Visa use only are: Position 9: V - Z Positions 10-33: 1 - 9 and A - Z
Network Identification Code Positions: 34-37 Length: 4 Format: unpacked numeric	Description: This field will include the network identification code. Valid values are 0000-9999 . For transactions that do not contain network identification code, this field should contain all zeros.
Reserved Positions: 38-168 Length: 131 Format: alphanumeric	Description: This field will be space-filled by the Edit Package.

Chapter 7

TC 30 ICS/NARS Input Processing Transactions

TC 30 - ICS/NARS Input Processing Transactions

The Issuers' Clearinghouse Service (ICS) and National Application Review Service (NARS) TC 30 transaction transmits information to a VIC for query purposes. ICS applies only to U.S. transactions and NARS applies only to non-U.S. transactions. TCR 0 is always required. TCRs 1 through 7 are optional.

TCR 0, 1-7

CTF - Outgoing Interchange

TC 30 - TCR 0 ICS/NARS Input Processing

These tables contain the ICS/NARS Input Processing (TC 30) record layout and edit criteria for TCR 0 - ICS/NARS INPUT PROCESSING.

CTF - Outgoing Interchange

ICS/NARS Input Processing Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-167	151	AN	Transaction Data
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

ICS/NARS Input Processing Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 30 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: The field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 0 (zero).
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which this BASE II transaction message is sent. The field must contain 400025 , 400026 , or 479195 .
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which this BASE II transaction message was sent. The entry must be a U.S. identifier if the Destination Identifier is 400025 or 400026 .
Transaction Data Positions: 17-167 Length: 151 Format: alphanumeric	Description: See <i>Issuers' Clearinghouse Service User's Manual</i> for specific transaction data information for ICS, or <i>National Application Review Service User's Manual</i> for specific transaction data information for NARS.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

TC 30 - TCR 1-7 ICS Input Processing Additional Data

These tables contain the ICS/NARS Input Processing (TC 30) record layout and edit criteria for TCR 1-7 - ICS INPUT PROCESSING ADDITIONAL DATA.

CTF - Outgoing Interchange

ICS Input Processing Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-16	12	AN	Reserved
17-168	152	AN	Transaction Data

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

ICS Input Processing Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain a 30 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: The field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 1 .

ICS Input Processing Edit Criteria

Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Transaction Data Positions: 17-168 Length: 152 Format: alphanumeric	Description: <i>See Issuers' Clearinghouse Service User's Manual</i> for specific transaction data information.

TC 30 - TCR 1-7 NARS Input Processing Additional Data

These tables contain the ICS/NARS Input Processing (TC 30) record layout and edit criteria for TCR 1-7 -NARS INPUT PROCESSING ADDITIONAL DATA.

CTF - Outgoing Interchange

NARS Input Processing Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-168	164	AN	Transaction Data

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

NARS Input Processing Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain a 30 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: The field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a number from 1 through 7 .
Transaction Data Positions: 5-168 Length: 164 Format: alphanumeric	Description: See <i>National Application Review Service User's Manual</i> for specific transaction data information.

Chapter 8

TC 31 ICS/NARS Response Processing Transactions

TC 31-ICS/NARS Response Processing Transactions

The Issuers' Clearinghouse Service (ICS) and National Application Review Service (NARS) TC 31 transaction transmits information from a VIC for reporting purposes. ICS applies only to U.S. transactions and NARS applies only to non-U.S. transactions. TCR 0 is always required. TCRs 1 through 7 are optional.

TCR 0, 1-7

CTF - Incoming Interchange

TC 31 - TCR 0 ICS/NARS Response Processing

This table contains the ICS/NARS Response Processing (TC 31) record layout for TCR 0 -ICS/NARS RESPONSE PROCESSING.

CTF - Incoming Interchange

ICS/NARS Response Processing Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-167	151	AN	Transaction Data
168	1	AN	Member Market Segmentation

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

ICS/NARS Response Processing Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain a 31 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain a 0 (zero).
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field will contain a 0 (zero).
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which this BASE II transaction message is sent. If the Source Identifier is 479192 (NARS), the entry will contain a valid BASE II destination identifier. If the Source Identifier is 400025 or 400026 (ICS), the entry will contain a valid U.S. destination identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which this BASE II transaction message was sent. This field will contain 400025 , 400026 , or 479192 .
Transaction Data Positions: 17-167 Length: 151 Format: alphanumeric	Description: See the <i>Issuers' Clearinghouse Service User's Manual</i> for specific transaction data information for ICS, or the <i>National Application Review Service User's Manual</i> for specific transaction data information for NARS.
Member Market Segmentation Positions: 168 Length: 1 Format: alphanumeric	Description: Identifies market or industry segment for this transaction.

TC 31 - TCR 1-7 ICS Response Processing Additional Data

This table contains the ICS/NARS Response Processing (TC 31) record layout for TCR 1-7 -ICS RESPONSE PROCESSING ADDITIONAL DATA.

CTF - Incoming Interchange

ICS Response Processing Additional Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-16	12	AN	Reserved
17-168	152	AN	Transaction Data

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

ICS Response Processing Additional Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain a 31 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field will contain a number from 1 through 7 .

ICS Response Processing Additional Data Edit Criteria

Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Transaction Data Positions: 17-168 Length: 152 Format: alphanumeric	Description: See the <i>Issuers' Clearinghouse Service User's Manual</i> for specific transaction data information.

TC 31 - TCR 1-7 NARS Response Processing Additional Data

This table contains the ICS/NARS Response Processing (TC 31) record layout for TCR 1-7 -NARS RESPONSE PROCESSING ADDITIONAL DATA.

CTF - Incoming Interchange

NARS Response Processing Additional Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-168	164	AN	Transaction Data

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

NARS Response Processing Additional Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain a 31 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field will contain a number from 1 through 7 .
Transaction Data Positions: 5-168 Length: 164 Format: alphanumeric	Description: See the <i>National Application Review Service User's Manual</i> for specific transaction data information.

Chapter 9

TC 32 Risk Management Transactions

Starting 16 October 2010, all TC 32 transactions were returned in BASE II.

Chapter 10

TC 33 Multipurpose Message Transactions

TC 33-Multipurpose Message Transactions

The TC 33 is used to transmit several types of information:

- Report Distribution Management System (RDMS)
- Chargeback Reduction Service (CRS) Issuer Advice
- Duplicate Transactions Reports
- Plus BIN tables
- Transaction Routing Service
- Interlink routing tables
- VisaVue Solution Series
- Raw Data File records
- Visa Electron Routing Table
- Visa Extras Daily Points Balance
- Visa Extras Daily Incremental Enrollment
- Visa Extras Monthly Enrollment Detail
- Visa Capture Transactions
- Dispute Financial Status Advice

TCR 0, 1, 2

CTF - Incoming Interchange

These TC 33 Authorization Record (POS and PSR) transaction records are also supported by BASE II:

- TCR 0 - Authorization and Incremental Authorization (POS)
- TCR 1 - Authorization and Incremental Authorization (POS), Additional Information
- TCR 0 - Authorization Full and Partial Reversal (PSR)
- TCR 1 - Authorization Full and Partial Reversal (PSR), Additional Information

See *V.I.P. System Technical Specifications*.

See:

- VisaVue Solution Series:
 - *Market Advantage User Guide*
 - *Performance Plus User Guide*
- Transaction Routing Service and Interlink routing tables.

Contact your regional Visa representative for information about TC 33 delivery of the BIN tables.

TC 33 - TCR 0 RDMS Message

These tables contain the Multipurpose Message (TC 33) record layout and edit criteria for TCR 0 - RDMS MESSAGE.

CTF - Incoming Interchange

RDMS Message Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-26	10	AN	Report Identifier
27-34	8	UN	Report Line Sequence Number
35-167	133	AN	Report Text
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

RDMS Message Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain a 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.

RDMS Message Edit Criteria

Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field will contain a 0 (zero).
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which the BASE II transaction message is sent. This field will contain a valid acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which this BASE II transaction message was sent. This field will contain a valid acquiring or issuing identifier.
Report Identifier Positions: 17-26 Length: 10 Format: alphanumeric	Description: Indicates which report is being transmitted. The report number is left-justified and space-filled (for example, 21xx, 22xx, 51xx, or 61xx for the APR reports).
Report Line Sequence Number Positions: 27-34 Length: 8 Format: unpacked numeric	Description: Used to ensure that the report comes out in the sequence in which it was generated.
Report Text Positions: 35-167 Length: 133 Format: alphanumeric	Description: Contents of the report line.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

TC 33 - TCR 0 CRS Issuer Advice

These tables contain the Multipurpose Message (TC 33) record layout and edit criteria for TCR 0 - CRS ISSUER ADVICE.

CTF - Incoming Interchange

CRS Issuer Advice Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-26	10	AN	Report Identifier
27-29	3	AN	Return Reason Code
30-34	5	AN	Reserved
35-36	2	UN	Returned Transaction Code
37-55	19	UN	Account Number
56-67	12	UN	Source Amount
68-70	3	UN	Source Currency Code
71-82	12	UN	Destination Amount
83-85	3	UN	Destination Currency Code
86-89	4	UN	Transaction Date (MMDD)
90-114	25	AN	Merchant Name
115-127	13	AN	Merchant City
128-130	3	AN	Merchant State/Province Code
131-133	3	AN	Merchant Country Code
134-137	4	UN	Merchant Category Code
138-160	23	UN	Acquirer Reference Number
161	1	AN	CRB Region Code

CRS Issuer Advice Record Layout

Position	Field Length	Format	Contents
162-167	6	AN	Reserved
168	1	UN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

CRS Issuer Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain a 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field will contain a 0 (zero).
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which the BASE II transaction message is sent. This field will contain a valid issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which this BASE II transaction message was sent. This field will contain a valid acquiring or issuing identifier.
Report Identifier Positions: 17-26 Length: 10 Format: alphanumeric	Description: Indicates which report is being transmitted. The report number is left-justified and space-filled (for example, 21xx, 22xx, 51xx, or 61xx for the APR reports).

CRS Issuer Advice Edit Criteria

Return Reason Code Positions: 27-29 Length: 3 Format: alphanumeric	Description: Return reason codes are used in Chargeback Reduction Service (CRS) processing. This field is to be used for the Preauthorized Payment Cancellation Service only. Values: C0 - Stop Payment C1 - Revocation of Authorization C2 - Revocation for all authorizations order
Reserved Positions: 30-34 Length: 3 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Returned Transaction Code Positions: 35-36 Length: 2 Format: unpacked numeric	Description: Returned Transaction Code 35-362 .
Account Number Positions: 37-55 Length: 19 Format: unpacked numeric	Description: An issuer-assigned number that identifies a cardholder's account.
Source Amount Positions: 56-67 Length: 12 Format: unpacked numeric	Description: Identifies the submitted transaction amount in the currency that is appropriate to the source endpoint. Two decimals are implied.
Source Currency Code Positions: 68-70 Length: 3 Format: unpacked numeric	Description: The currency type associated with the amount of a transaction entered into interchange.
Destination Amount Positions: 71-82 Length: 12 Format: unpacked numeric	Description: Identifies the submitted transaction amount in the currency that is appropriate to the destination endpoint. Two decimals are implied.

CRS Issuer Advice Edit Criteria

Destination Currency Code Positions: 83-85 Length: 3 Format: unpacked numeric	Description: The currency type presented to the member on incoming transactions. For most transactions (that is, drafts), it is the billing currency. For other transactions (for example, fee collection, dispute financial), it is the settlement currency of the destination.
Transaction Date Positions: 86-89 Length: 4 Format: unpacked numeric	Description: The date on which a transaction between a cardholder and a merchant, an acquirer, or a carrier, occurs. This field will contain the date in the MMDD (month and day) format.
Merchant Name Positions: 90-114 Length: 25 Format: alphanumeric	Description: Name of the merchant.
Merchant City Positions: 115-127 Length: 13 Format: alphanumeric	Description: The city location of the merchant or member outlet where the transaction occurred.
Merchant State/Province Code Positions: 128-130 Length: 3 Format: alphanumeric	Description: The merchant's U.S. state or Canadian province.
Merchant Country Code Positions: 131-133 Length: 3 Format: alphanumeric	Description: Identifies the merchant's country code.
Merchant Category Code Positions: 134-137 Length: 4 Format: unpacked numeric	Description: Identifies the merchant's line of business.
Acquirer Reference Number Positions: 138-160 Length: 23 Format: unpacked numeric	Description: Number assigned by the acquirer and associated with every draft/voucher. It contains a format code, acquiring identifier, capture date, file locator, and check digit.

CRS Issuer Advice Edit Criteria

CRB Region Code Positions: 161 Length: 1 Format: alphanumeric	Description: In an update for the BASE I and SMS Exception Files, this field contains one or more CRB region codes that define the distribution of an account number in Card Recovery Bulletin Service files and bulletins. In an update for the SMS Exception File only, this field is space-filled.
Reserved Positions: 162-167 Length: 6 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Reimbursement Attribute Positions: 168 Length: 1 Format: unpacked numeric	Description: Obsolete - must be zero-filled.

TC 33 - TCR 0 PLUS BIN Table Header

These tables contain the Multipurpose Message (TC 33) record layout and edit criteria for TCR 0 - PLUS BIN TABLE HEADER.

CTF - Incoming Interchange

Plus BIN Table Record Layout

Position	Field Length	Format	Contents
1-2	2	AN	Transaction Code
3-4	2	AN	Transaction Code Qualifier
5-10	6	AN	Destination Identifier
11-16	6	AN	Source Identifier
17-26	10	AN	Report Identifier
27-34	8	UN	Data Sequence Number
35-45	11	AN	Record Type
46-53	8	AN	File Type
54-55	2	AN	Reserved
56-60	5	UN	Creation Date (YYDDD)

Plus BIN Table Record Layout

Position	Field Length	Format	Contents
61-114	54	AN	Reserved
115-167	53	AN	Reserved
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Plus BIN Table Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: alphanumeric	Description: This field will contain a 33 .
Transaction Code Qualifier Positions: 3-4 Length: 2 Format: alphanumeric	Description: This field will contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Destination Identifier Positions: 5-10 Length: 6 Format: alphanumeric	Description: The entity to which the BASE II transaction message is sent. This field will contain a valid acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: alphanumeric	Description: The entity from which this BASE II transaction message was sent. This field will contain a valid acquiring or issuing identifier.
Report Identifier Positions: 17-26 Length: 10 Format: alphanumeric	Description: Indicates which report is being transmitted. The report number, which is left-justified and space-filled (for example, 21xx, 22xx, 51xx, or 61xx for the APR reports) This field will contain a valid DSPLUSBIN.
Data Sequence Number Positions: 27-34 Length: 8 Format: unpacked numeric	Description: Indicates the sequence number of the data.

Plus BIN Table Edit Criteria

Record Type Positions: 35-45 Length: 11 Format: alphanumeric	Description: Contains the value TAPEHEADER .
File Type Positions: 46-53 Length: 8 Format: alphanumeric	Description: Contains the value BINDISTR (BIN Distribution Table).
Reserved Positions: 54-55 Length: 2 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Creation Date Positions: 56-60 Length: 5 Format: unpacked numeric	Description: The date (Julian format YYDDD) when the updates were created.
Reserved Positions: 61-114 Length: 54 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Reserved Positions: 115-167 Length: 53 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

TC 33 - TCR 0 PLUS BIN Table Detail

These tables contain the Multipurpose Message (TC 33) record layout and edit criteria for TCR 0 - PLUS BIN TABLE DETAIL.

CTF - Incoming Interchange

Plus BIN Table Record Layout

Position	Field Length	Format	Contents
1-2	2	AN	Transaction Code
3-4	2	AN	Transaction Code Qualifier
5-10	6	AN	Destination Identifier
11-16	6	AN	Source Identifier
17-26	10	AN	Report Identifier
27-34	8	UN	Data Sequence Number
35-40	6	UN	Plus Sequence Number
41	1	UN	Format Code
42-43	2	UN	Account Length
44-45	2	UN	Card Prefix Length
46-57	12	UN	Card Prefix Account Range
58-60	3	AN	Account Type
61-114	54	AN	Reserved
115-167	53	AN	Reserved
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Plus BIN Table Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: alphanumeric	Description: This field will contain a 33 .
Transaction Code Qualifier Positions: 3-4 Length: 2 Format: alphanumeric	Description: This field will contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.

Plus BIN Table Edit Criteria

Destination Identifier Positions: 5-10 Length: 6 Format: alphanumeric	Description: The entity to which the BASE II transaction message is sent. This field will contain a valid acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: alphanumeric	Description: The entity from which this BASE II transaction message was sent. This field will contain a valid acquiring or issuing identifier.
Report Identifier Positions: 17-26 Length: 10 Format: alphanumeric	Description: The Report Identifier field indicates which report is being transmitted. The report number is left-justified and space-filled (for example, 21xx, 22xx, 51xx, or 61xx for the APR reports).
Data Sequence Number Positions: 27-34 Length: 8 Format: unpacked numeric	Description: Indicates the sequence number of the data.
Plus Sequence Number Positions: 35-40 Length: 6 Format: unpacked numeric	Description: Contains the Plus issuing or acquiring identifier sequence number.
Format Code Positions: 41 Length: 1 Format: unpacked numeric	Description: Specifies the message data field format. The field will contain a 1 (fixed format).
Account Length Positions: 42-43 Length: 2 Format: unpacked numeric	Description: Length of account number (i.e., number of digits).
Card Prefix Length Positions: 44-45 Length: 2 Format: unpacked numeric	Description: Contains the card prefix number length.

Plus BIN Table Edit Criteria

Card Prefix Number Account Range Positions: 46-57 Length: 12 Format: unpacked numeric	Description: This field will contain the account range for the card prefix. If the number is less than 12 digits, it will be left-justified.
Account Type Positions: 58-60 Length: 3 Format: alphanumeric	Description: Type of financial account. This field will contain one of these account types: SAV = Savings Account DDA = Demand Deposit Account CCD = Credit Card NAS = No Account Specified
Reserved Positions: 61-114 Length: 54 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Reserved Positions: 115-167 Length: 53 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

TC 33 - TCR 0 PLUS BIN Table Trailer

These tables contain the Multipurpose Message (TC 33) record layout and edit criteria for TCR 0 - PLUS BIN TABLE TRAILER.

CTF - Incoming Interchange

Plus BIN Table Record Layout

Position	Field Length	Format	Contents
1-2	2	AN	Transaction Code
3-4	2	AN	Transaction Code Qualifier

Plus BIN Table Record Layout

Position	Field Length	Format	Contents
5-10	6	AN	Destination Identifier
11-16	6	AN	Source Identifier
17-26	10	AN	Report Identifier
27-34	8	UN	Data Sequence Number
35-45	11	AN	Record Type
46-53	8	AN	File Type
54-60	7	UN	Detail Record Count
61-114	54	AN	Reserved
115-167	53	AN	Reserved
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Plus BIN Table Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: alphanumeric	Description: This field will contain a 33 .
Transaction Code Qualifier Positions: 3-4 Length: 2 Format: alphanumeric	Description: This field will contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Destination Identifier Positions: 5-10 Length: 6 Format: alphanumeric	Description: The entity to which the BASE II transaction message is sent. This field will contain a valid acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: alphanumeric	Description: The entity from which this BASE II transaction message was sent. This field will contain a valid acquiring or issuing identifier.

Plus BIN Table Edit Criteria

Report Identifier Positions: 17-26 Length: 10 Format: alphanumeric	Description: Indicates which report is being transmitted. The report number is left-justified and space-filled (for example, 21xx, 22xx, 51xx, or 61xx for the APR reports).
Data Sequence Number Positions: 27-34 Length: 8 Format: unpacked numeric	Description: Contains the sequence number of the data.
Record Type Positions: 35-45 Length: 11 Format: alphanumeric	Description: Contains the value TAPEHEADER .
File Type Positions: 46-53 Length: 8 Format: alphanumeric	Description: Contains the value BINDISTR (BIN Distribution Table).
Detail Record Count Positions: 54-60 Length: 7 Format: unpacked numeric	Description: Contains the number of updates in this field.
Reserved Positions: 61-114 Length: 54 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Reserved Positions: 115-167 Length: 53 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

TC 33 - TCR 0 Universal Biller File Table Header

These tables contain the Multipurpose Message (TC 33) record layout and edit criteria for TCR 0 - UNIVERSAL BILLER FILE TABLE HEADER.

CTF - Incoming Interchange

UBF Table Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-19	3	AN	UBF Identifier
20-34	15	AN	Reserved
35-45	11	AN	Record Type
46-53	8	AN	File Type
54-55	2	AN	Reserved
56-60	5	UN	Creation Date (YYDDD)
61-65	5	UN	Version Number
66-167	102	AN	Reserved
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

UBF Table Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Code Qualifier Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain 0 (zero).
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which the BASE II transaction message is sent. This field will contain a valid acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which this BASE II transaction message was sent. This field will contain a valid acquiring or issuing identifier.
UBF Identifier Positions: 17-19 Length: 3 Format: alphanumeric	Description: Contains the Universal Biller File (UBF) identifier.
Reserved Positions: 20-34 Length: 15 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Record Type Positions: 35-45 Length: 11 Format: alphanumeric	Description: Contains the value TAPEHEADER .

UBF Table Edit Criteria

File Type Positions: 46-53 Length: 8 Format: alphanumeric	Description: Contains the value UBFDISTR (Universal Biller File).
Reserved Positions: 54-55 Length: 2 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Creation Date Positions: 56-60 Length: 5 Format: unpacked numeric	Description: The date (Julian format YYDDD) when the records were created.
Version Number Positions: 61-65 Length: 5 Format: unpacked numeric	Description: This field will contain the current version number of the file.
Reserved Positions: 66-167 Length: 102 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

TC 33 - TCR 0 Universal Biller File Table Detail - Biller Master Data

These tables contain the Multipurpose Message (TC 33) record layout and edit criteria for TCR 0 - UNIVERSAL BILLER FILE TABLE DETAIL - BILLER MASTER DATA.

CTF - Incoming Interchange

UBF Table Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-19	3	AN	UBF Identifier
20	1	AN	UBF Detail Record Type
21-32	12	UN	Biller ID
33	1	AN	Summary Invoice Option
34	1	AN	Biller Invoice Option
35	1	AN	Previous Invoice Option
36-60	25	AN	Biller Name
61-85	25	AN	Biller Mailing Address 1
86-110	25	AN	Biller Mailing Address 2
111-125	15	AN	Biller City
126-128	3	AN	Biller State/Province/Region
129-139	11	AN	Biller Postal Code
140-142	3	AN	Biller Country
143-146	4	UN	Biller Merchant Category Code
147-153	7	UN	Effective Date (YYYYDDD)
154-160	7	UN	Expiration Date (YYYYDDD)
161-164	4	UN	CBAN Mask Count
165-166	2	AN	Reserved
167	1	AN	Account Verification Option
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

UBF Table Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain 0 (zero).
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which the BASE II transaction message is sent. This field will contain a valid acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which this BASE II transaction message was sent. This field will contain 400008 (the BASE II table distribution identifier).
UBF Identifier Positions: 17-19 Length: 3 Format: alphanumeric	Description: Contains the Universal Biller File (UBF) identifier.
UBF Detail Record Type Positions: 20 Length: 1 Format: alphanumeric	Description: Identifies the type of UBF detail record. The file will contain: B = Biller Master Record
Biller ID Positions: 21-32 Length: 12 Format: unpacked numeric	Description: Contains the Visa-assigned unique identifier for the biller.

UBF Table Edit Criteria

Summary Invoice Option Positions: 33 Length: 1 Format: alphanumeric	Description: Indicates whether invoice presentment is supported by the biller. This field will contain one of these values: Y = Invoice Presentment supported by biller N = Invoice Presentment not supported by biller
Biller Invoice Option Positions: 34 Length: 1 Format: alphanumeric	Description: Indicates the invoice option selected. This field will contain one of these values: 1 = Biller will always mail detail invoice 2 = Biller will never mail detail invoice 3 = Biller will discontinue mailing detail invoice at customer request only
Previous Invoice Option Positions: 35 Length: 1 Format: alphanumeric	Description: Indicates the invoice option selected for previous invoice. This field will contain one of these values: 1 = Biller will mail most recent detail invoice upon customer request 2 = Biller will not mail detail invoice
Biller Name Positions: 36-60 Length: 25 Format: alphanumeric	Description: Biller's name.
Biller Mailing Address 1 Positions: 61-85 Length: 25 Format: alphanumeric	Description: First line of the biller's address.
Biller Mailing Address 2 Positions: 86-110 Length: 25 Format: alphanumeric	Description: Second line of the biller's address.
Biller City Positions: 111-125 Length: 15 Format: alphanumeric	Description: The city where the biller is located.
Biller State/Province/Region Positions: 126-128 Length: 3 Format: alphanumeric	Description: Biller's state, province, or region.

UBF Table Edit Criteria

Biller ZIP Code Positions: 129-139 Length: 11 Format: alphanumeric	Description: Biller's postal code. This field will contain the biller's postal code.
Biller Country Positions: 140-142 Length: 3 Format: alphanumeric	Description: Identifies the biller's country code.
Biller Merchant Category Code Positions: 143-146 Length: 4 Format: alphanumeric	Description: Identifies the merchant's principal line of business. Contains the biller's Merchant Category Code from the UBF.
Effective Date Positions: 147-153 Length: 7 Format: unpacked numeric	Description: The effective date of this record in Julian format (YYYYDDD).
Expiration Date Positions: 154-160 Length: 7 Format: unpacked numeric	Description: The expiration date of this record in Julian format (YYYYDDD). This field will contain 9999365 if the record does not expire.
CBAN Mask Count Positions: 161-164 Length: 4 Format: unpacked numeric	Description: This field will contain the total number of customer biller account number masks for the biller ID.
Reserved Positions: 165-166 Length: 2 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

UBF Table Edit Criteria

Account Verification Option Positions: 167 Length: 1 Format: alphanumeric	Description: Indicates if biller uses account verification option. This field will contain one of these values: Y = Account verification supported by the biller N = Account verification not supported by the biller
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

TC 33 - TCR 1 Additional Biller Master Data

These tables contain the Multipurpose Message (TC 33) record layout and edit criteria for TCR 1 - UNIVERSAL BILLER FILE TABLE DETAIL - ADDITIONAL BILLER MASTER DATA.

CTF - Incoming Interchange

UBF Table Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-19	3	AN	UBF Identifier
20	1	AN	UBF Detail Record Type - Master
21-32	12	UN	Biller ID
33-41	9	UN	Biller Tax Payer ID
42	1	AN	Electronic Statement Option
43-44	2	AN	Statement Device Option
45	1	AN	Invoice Delivery Notification Flag
46	1	AN	Official Notification Flag

UBF Table Record Layout

Position	Field Length	Format	Contents
47	1	UN	Standard Paper Delivery Option
48-50	3	UN	Prior Paper Statement Parameter
51-53	3	UN	Future Paper Statement Parameter
54-56	3	UN	Prior Electronic Statement Parameter
57-72	16	AN	Biller Service Provider ID
73-96	24	AN	Biller Capabilities Parameter
97-168	72	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

UBF Table Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain 1 .
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which the BASE II transaction message is sent. This field will contain a valid acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which this BASE II transaction message was sent. This field will contain 400008 (the BASE II table distribution identifier).

UBF Table Edit Criteria

UBF Identifier Positions: 17-19 Length: 3 Format: alphanumeric	Description: Contains the Universal Biller File (UBF) identifier. The field will contain UBF .
UBF Detail Record Type Positions: 20 Length: 1 Format: alphanumeric	Description: Identifies the type of UBF detail record. The file will contain: B = Biller Master Record
Biller ID Positions: 21-32 Length: 12 Format: unpacked numeric	Description: Contains the Visa-assigned unique identifier for the biller.
Biller Tax Payer ID Positions: 33-41 Length: 9 Format: unpacked numeric	Description: Contains the taxpayer ID of the biller.
Electronic Statement Option Positions: 42 Length: 1 Format: alphanumeric	Description: Indicates if the biller uses the Electronic Statement option. This field will contain one of these values: Y = Electronic Statement Presentment supported by biller N = Electronic Statement Presentment not supported by biller
Statement Device Option Positions: 43-44 Length: 2 Format: alphanumeric	Description: Contains the device option supported by the biller for the Electronic Statement Presentation service. Values: CD = Conforming Device ND = Nonconforming Device CN = Both Conforming and Nonconforming
Invoice Delivery Notification Flag Positions: 45 Length: 1 Format: alphanumeric	Description: Indicates if biller requires notification of statement delivery. This field will contain one of these values: Y = Biller requires notification of statement delivery N = Biller does not require notification of statement delivery
Official Notification Flag Positions: 46 Length: 1 Format: alphanumeric	Description: Indicates if biller will accept an electronic change request as official notification. This field will contain one of these values: Y = Biller accepts an electronic change request as official notification N = Biller does not accept an electronic change request as official notification

UBF Table Edit Criteria

Standard Paper Delivery Option Positions: 47 Length: 1 Format: unpacked numeric	Description: Indicates biller's paper statement delivery method to customers. This field will contain one of these values: 0 = Biller will not support electronic delivery of statements 1 = Biller will always mail paper statements even though the customer receives statements electronically 2 = Biller will never mail paper statements to a customer receiving statements electronically 3 = Biller will not mail paper statements to a customer receiving statements electronically unless there is a request from the customer 4 = Biller will mail paper statements to a customer receiving statements electronically unless there is a request from the customer to stop the mailings
Prior Paper Statement Parameter Positions: 48-50 Length: 3 Format: unpacked numeric	Description: Indicates the time period supported by the biller for mailing paper copies of prior statements. The time period will range from 0 to 999 days.
Future Paper Statement Parameter Positions: 51-53 Length: 3 Format: unpacked numeric	Description: Indicates the time period supported by the biller for mailing paper copies of future electronic statements. The time period will range from 0 to 999 days.
Prior Electronic Statement Parameter Positions: 54-56 Length: 3 Format: unpacked numeric	Description: Indicates the time period supported by the biller for resending prior electronic statements. The time period will range from 0 to 999 days.
Biller Service Provider ID Positions: 57-72 Length: 16 Format: alphanumeric	Description: Contains the biller service provider identification to be used in operation of the Electronic Statement Processing service.

UBF Table Edit Criteria

Biller Capabilities Parameter Positions: 73-96 Length: 24 Format: alphanumeric	Description: Contains the processing attributes associated with the biller for the Electronic Statement Processing service.
Summary Invoice Option Positions: 97-168 Length: 72 Format: alphanumeric	Description: This field will contain spaces.

TC 33 - TCR 0 CBAN Mask Data

These tables contain the Multipurpose Message (TC 33) record layout and edit criteria for TCR 0 - UNIVERSAL BILLER FILE TABLE DETAIL - CBAN MASK DATA.

CTF - Incoming Interchange

UBF Table Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-19	3	AN	UBF Identifier
20	1	UN	UBF Detail Record Type
21-32	12	UN	Biller ID
33-35	3	AN	Reserved
36-63	28	AN	CBAN Mask 1
64-66	3	AN	Reserved
67-94	28	AN	CBAN Mask 2
95-97	3	AN	Reserved
98-125	28	AN	CBAN Mask 3

UBF Table Record Layout

Position	Field Length	Format	Contents
126-128	3	AN	Reserved
129-156	28	AN	CBAN Mask 4
157-167	11	AN	Reserved
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

UBF Table Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field will contain 0 (zero).
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which the BASE II transaction message is sent. This field will contain a valid acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which this BASE II transaction message was sent. This field will contain 400008 (the BASE II table distribution identifier).

UBF Table Edit Criteria

UBF Identifier Positions: 17-19 Length: 3 Format: alphanumeric	Description: Contains the Universal Biller File (UBF) identifier.
UBF Detail Record Type Positions: 20 Length: 1 Format: alphanumeric	Description: Contains the type of UBF detail record. The field will contain: M = Account Mask Data
Biller ID Positions: 21-32 Length: 12 Format: unpacked numeric	Description: Contains the Visa-assigned unique identifier for the biller.
Reserved Positions: 33-35 Length: 3 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
CBAN Mask 1 Positions: 36-63 Length: 28 Format: alphanumeric	Description: This field can contain an account mask. This mask can be used to validate the customer's account number structure with the biller.
Reserved Positions: 64-66 Length: 3 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
CBAN Mask 2 Positions: 67-94 Length: 28 Format: alphanumeric	Description: This field can contain an account mask. This mask can be used to validate the customer's account number structure with the biller.
Reserved Positions: 95-97 Length: 3 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

UBF Table Edit Criteria

CBAN Mask 3 Positions: 98-125 Length: 28 Format: alphanumeric	Description: This field can contain an account mask. This mask can be used to validate the customer's account number structure with the biller.
Reserved Positions: 126-128 Length: 3 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
CBAN Mask 4 Positions: 129-156 Length: 28 Format: alphanumeric	Description: This field can contain an account mask. This mask can be used to validate the customer's account number structure with the biller.
Reserved Positions: 157-167 Length: 11 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

TC 33 - TCR 0 Universal Biller File Table Trailer

These tables contain the Multipurpose Message (TC 33) record layout and edit criteria for TCR 0 - UNIVERSAL BILLER FILE TABLE TRAILER.

CTF - Incoming Interchange

UBF Table Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier

UBF Table Record Layout

Position	Field Length	Format	Contents
4	1	UN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-19	3	AN	UBF Identifier
20-34	15	AN	Reserved
35-45	11	AN	Record Type
46-53	8	AN	File Type
54-60	7	UN	Biller Master Record Count
61-67	7	UN	Total Detail Record Count
68-167	100	AN	Reserved
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

UBF Table Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field will contain 0 (zero).

UBF Table Edit Criteria

Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which the BASE II transaction message is sent. This field will contain a valid acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which this BASE II transaction message was sent. This field will contain a valid acquiring or issuing identifier.
UBF Identifier Positions: 17-19 Length: 3 Format: alphanumeric	Description: Contains the Universal Biller File (UBF) identifier.
Reserved Positions: 20-34 Length: 15 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Record Type Positions: 35-45 Length: 11 Format: alphanumeric	Description: Contain the value TAPEHEADER .
File Type Positions: 46-53 Length: 8 Format: alphanumeric	Description: Contains the value UBFDISTR (Universal Biller File).
Biller Master Record Count Positions: 54-60 Length: 7 Format: unpacked numeric	Description: The number of biller master records in the file.
Detail Record Count Positions: 61-67 Length: 7 Format: unpacked numeric	Description: The total number of biller master data and CBAN mask data in the file.

UBF Table Edit Criteria

Reserved Positions: 68-167 Length: 100 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

BASE II Dispute Financial Status Advice

The dispute financial status advice for Visa Resolve Online (VROL) are optionally sent to endpoints when Visa generates a dispute financial transaction on behalf of the endpoint.

TCR 0, 1

CTF - Incoming Interchange

TC 33 - TCR 0 BASE II Dispute Financial Status Advice

These tables contain the Multipurpose Message (TC 33) record layout and edit criteria for TCR 0 - BASE II DISPUTE FINANCIAL STATUS ADVICE.

CTF - Incoming Interchange

BASE II Dispute Financial Status Advice Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	AN	Destination Identifier
11-16	6	AN	Source Identifier

BASE II Dispute Financial Status Advice Record Layout

Position	Field Length	Format	Contents
17-19	3	AN	VCR Record Identifier
20-21	2	AN	Dispute Status
22-23	2	AN	Dispute Transaction Code
24	1	AN	Dispute Transaction Code Qualifier
25	1	AN	Originator Recipient Indicator
26-41	16	UN	Account Number
42-44	3	UN	Account Number Extension
45-67	23	UN	Acquirer Reference Number
68-71	4	UN	Purchase Date (MMDD)
72-83	12	UN	Source Amount
84-86	3	UN	Source Currency Code
87-111	25	AN	Merchant Name
112-124	13	AN	Merchant City
125-127	3	AN	Merchant Country Code
128-131	4	UN	Merchant Category Code
132-134	3	AN	Merchant State/Province Code
135-139	5	UN	Merchant ZIP Code
140	1	AN	Requested Payment Service
141-146	6	AN	Authorization Code
147-148	2	AN	POS Entry Mode
149-152	4	UN	Central Processing Date (YDDD)
153-167	15	AN	Card Acceptor ID
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

BASE II Dispute Financial Status Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 (Dispute financial status advice).
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (Default).
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Destination Identifier Positions: 5-10 Length: 6 Format: alphanumeric	Description: The entity to which this transaction message is sent. This field will contain a valid acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: alphanumeric	Description: The entity from which this BASE II transaction message is sent. This field will contain a valid acquiring or issuing identifier.
VCR Record Identifier Positions: 17-19 Length: 3 Format: alphanumeric	Description: This field will contain the value of VCR to identify this TC 33 record as a VROL status advice.

BASE II Dispute Financial Status Advice Edit Criteria

Dispute Status Positions: 20-21 Length: 2 Format: alphanumeric	Description: This field will contain a code to indicate the status of the VROL dispute. Values: <ul style="list-style-type: none"> • F1 (Dispute financial) • R1 (Dispute financial reversal-recall) • R2 (Dispute financial reversal-pre-arbitration acceptance) • R3 (Dispute financial reversal-arbitration decision) • P1 (Dispute response financial) • L1 (Dispute response financial reversal-recall) • L2 (Dispute response financial reversal-pre-arbitration acceptance) • L3 (Dispute response financial reversal-arbitration decision)
Dispute Transaction Code Positions: 22-23 Length: 2 Format: alphanumeric	Description: This field will contain the transaction code of the dispute transaction.
Dispute Transaction Code Qualifier Positions: 24 Length: 1 Format: alphanumeric	Description: This field will contain the transaction code qualifier of the dispute transaction.
Originator/Recipient Indicator Positions: 25 Length: 1 Format: alphanumeric	Description: This field indicates if the advice will be sent to the originator or to the recipient. O = Originator R = Recipient
Account Number Positions: 26-41 Length: 16 Format: unpacked numeric	Description: This field will contain a number identifying the customer account or relationship. Note: If the original transaction was submitted with a token, the advice will be populated as following: <ul style="list-style-type: none"> • Dispute response financial status advices and dispute response financial reversal status advices sent to acquirers will contain the token. • Dispute financial status advices and dispute financial reversal status advices sent to issuers will contain the cardholder primary account number (PAN).
Account Number Extension Positions: 42-44 Length: 3 Format: unpacked numeric	Description: This field will contain the account number extension.

BASE II Dispute Financial Status Advice Edit Criteria

Acquirer Reference Number Positions: 45-67 Length: 23 Format: unpacked numeric	Description: This field will contain the 23-digit identification number assigned by the acquirer.
Purchase Date (MMDD) Positions: 68-71 Length: 4 Format: unpacked numeric	Description: This field will contain the date the original transaction was made.
Source Amount Positions: 72-83 Length: 12 Format: unpacked numeric	Description: This field will contain the dispute value in transaction currency. Two decimal places are implied. The entry must be a numeric greater than zero.
Source Currency Code Positions: 84-86 Length: 3 Format: unpacked numeric	Description: This field will contain the currency code used in this transaction.
Merchant Name Positions: 87-111 Length: 25 Format: alphanumeric	Description: This field will contain the name of the merchant.
Merchant City Positions: 112-124 Length: 13 Format: alphanumeric	Description: This field will contain the merchant city, telephone number, email address, or URL.
Merchant Country Code Positions: 125-127 Length: 3 Format: alphanumeric	Description: This field will contain the code indicating the country where the Visa transaction occurred. Note: For valid country codes, see <i>BASE II Clearing Data Codes</i> .
Merchant Category Code Positions: 128-131 Length: 4 Format: unpacked numeric	Description: This field will contain the merchant category code. Note: For valid codes, see: <ul style="list-style-type: none">• <i>Visa Core Rules</i>• <i>Visa Product and Service Rules</i>• <i>Visa Merchant Data Standards</i>

BASE II Dispute Financial Status Advice Edit Criteria

Merchant State/Province Code Positions: 132-134 Length: 3 Format: alphanumeric	Description: If the code in Merchant Country, positions 125-127, is US or CA , this field will contain the U.S. state code or Canadian province code, respectively. Otherwise, it will contain spaces.
Merchant ZIP Code Positions: 135-139 Length: 5 Format: unpacked numeric	Description: This field will contain the postal code of the merchant where the transaction took place.
Requested Payment Service Positions: 140 Length: 1 Format: alphanumeric	Description: This field will contain a code indicating the acquirer's choice of custom payment service. Note: For valid values, see <i>BASE II Clearing Data Codes</i> .
Authorization Code Positions: 141-146 Length: 6 Format: alphanumeric	Description: This field will contain a code provided by the issuer when the original transaction was approved.
POS Entry Mode Positions: 147-148 Length: 2 Format: alphanumeric	Description: This field will contain a value indicating the method by which a point-of-transaction terminal obtains and transmits the cardholder information necessary to complete a transaction.
Central Processing Date (YDDD) Positions: 149-152 Length: 4 Format: unpacked numeric	Description: This field will contain the date that BASE II processes the dispute financial transaction. The date will be in yddd format where: yddd = Julian date Dispute Financial Reversal VIC Edit: The entry must be numeric. The entry cannot be a future date. The field must contain the Central Processing Date (in the YDDD format) of the transaction being reversed.
Card Acceptor ID Positions: 153-167 Length: 15 Format: alphanumeric	Description: This field will contain a code that identifies the card acceptor from the original transaction.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: This field will contain the reimbursement attribute. Note: For valid values, see <i>BASE II Clearing Data Codes</i> .

TC 33 - TCR 1 BASE II Dispute Financial Advice (Cont'd)

These tables contain the Multipurpose Message (TC 33) record layout and edit criteria for TCR 1 - BASE II DISPUTE FINANCIAL STATUS ADVICE (CONT'D).

CTF - Incoming Interchange

BASE II Dispute Financial Status Advice Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-8	4	UN	Network Identification Code
9-11	3	AN	Dispute Condition
12-22	11	AN	VROL Financial ID
23-32	10	UN	VROL Case Number
33-42	10	UN	VROL Bundle Case Number
43-62	20	AN	Client Case Number
63-66	4	AN	Reserved
67-68	2	UN	Multiple Clearing Sequence Number
69-70	2	UN	Multiple Clearing Sequence Count
71-72	2	AN	Product ID
73	1	AN	Spend Qualified Indicator
74-75	2	UN	Dispute Financial Reason Code
76	1	UN	Settlement Flag
77	1	UN	Usage Code
78-92	15	UN	Transaction Identifier
93-100	8	UN	Acquirer's Business ID
101-112	12	UN	Original Transaction Amount
113-115	3	UN	Original Transaction Currency Code

BASE II Dispute Financial Status Advice Record Layout

Position	Field Length	Format	Contents
116	1	AN	Special Chargeback Indicator
117-128	12	UN	Destination/Source Settlement Amount
129-131	3	AN	Destination/Source Settlement Currency
132	1	AN	Source Settlement Amount Sign
133-168	36	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

BASE II Dispute Financial Status Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 (Dispute financial status advice).
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (Default).
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 1 .
Network Identification Code Positions: 5-8 Length: 4 Format: unpacked numeric	Description: This field will contain the network identification code. Values: <ul style="list-style-type: none"> • 0002 (Visa) • 0003 (Interlink) • 0004 (Plus) Note: The network identification code field populated with all zeros is allowed.

BASE II Dispute Financial Status Advice Edit Criteria

Dispute Condition Positions: 9-11 Length: 3 Format: alphanumeric	Description: This field will contain the dispute condition assigned through the VROL process.
VROL Financial ID Positions: 12-22 Length: 11 Format: alphanumeric	Description: This field will contain the VROL financial ID assigned through the VROL process.
VROL Case Number Positions: 23-32 Length: 10 Format: unpacked numeric	Description: This field will contain the VROL case number assigned through the VROL process.
VROL Bundle Case Number Positions: 33-42 Length: 10 Format: unpacked numeric	Description: This field will contain the VROL bundle case number when the dispute is part of a bundle.
Client Case Number Positions: 43-62 Length: 20 Format: alphanumeric	Description: This field will contain a case tracking number assigned by the endpoint in VROL when a VROL dispute is created.
Reserved Positions: 63-66 Length: 4 Format: alphanumeric	Description: This field is reserved for future use.
Multiple Clearing Sequence Number Positions: 67-68 Length: 2 Format: unpacked numeric	Description: This field will contain a sequence number that distinguishes a specific clearing message among multiple clearing messages being submitted for a single authorization.
Multiple Clearing Sequence Count Positions: 69-70 Length: 2 Format: unpacked numeric	Description: This field will contain the count of multiple clearing sequence.

BASE II Dispute Financial Status Advice Edit Criteria

Product ID Positions: 71-72 Length: 2 Format: alphanumeric	Description: This field will contain the product identifier code.
Spend Qualified Indicator Positions: 73 Length: 1 Format: alphanumeric	Description: This field will contain a code that indicates whether the account is spend qualified or not. Values: <ul style="list-style-type: none">• Space (Spend processing does not apply (not applicable))• B (Base spend assessment threshold defined by Visa has been met)• N (Spend assessment threshold defined by Visa has not been met)• Q (Spend assessment threshold defined by Visa has been met)
Dispute Financial Reason Code Positions: 74-75 Length: 2 Format: unpacked numeric	Description: This field will contain one of the new reason codes used to identify the dispute category for disputes processed through VROL. Values: <ul style="list-style-type: none">• 10 (Fraud)• 11 (Authorization)• 12 (Processing error)• 13 (Consumer dispute)
Settlement Flag Positions: 76 Length: 1 Format: unpacked numeric	Description: This field will contain a value that indicates the service used for settlement. Values: <ul style="list-style-type: none">• 0 (International settlement service)• 3 (Clearing-only (valid only for countries with defined service))• 8 (National net settlement service (valid only for countries with defined service))• 9 (BASE II selects the appropriate settlement service based on routing and country-defined default)
Usage Code Positions: 77 Length: 1 Format: unpacked numeric	Description: This field will contain the new usage code value of 9 (Dispute financial).
Transaction Identifier Positions: 78-92 Length: 15 Format: unpacked numeric	Description: This field will contain the transaction identifier, a unique value that Visa assigns to each transaction and returns to the acquirer in the authorization response. Visa uses this value to maintain an audit trail throughout the life cycle of the transaction and all related transactions, such as reversals, adjustments, confirmations, and dispute financials.

BASE II Dispute Financial Status Advice Edit Criteria

Acquirer's Business ID Positions: 93-100 Length: 8 Format: unpacked numeric	Description: This field will contain the Visa-assigned business ID of the acquirer.
Original Transaction Amount Positions: 101-112 Length: 12 Format: unpacked numeric	Description: This field indicates the transaction amount of the original transaction being disputed.
Original Transaction Currency Code Positions: 113-115 Length: 3 Format: unpacked numeric	Description: This field indicates the currency code of original transaction amount in position 101.
Special Chargeback Indicator Positions: 116 Length: 1 Format: alphanumeric	Description: This field supplies extra information regarding disputes (validation requests and advices). Note: Values: Space = Field not applicable P = Partial amount
Destination/Source Settlement Amount Positions: 117-128 Length: 12 Format: unpacked numeric	Description: This field contains the following value depending on subscription option. <ul style="list-style-type: none"> • N = none • S = source settlement amount • D = destination amount • B = 1) source settlement amount if TC 33 goes to Originator or 2) destination amount if TC 33 goes to Receiver.
Destination/Source Settlement Currency Positions: 129-131 Length: 3 Format: alphanumeric	Description: This field contains the following value depending on subscription option. <ul style="list-style-type: none"> • N = none • S = source settlement currency • D = destination currency • B = 1) source settlement currency if TC 33 goes to Originator or 2) destination currency if TC 33 goes to Receiver.

BASE II Dispute Financial Status Advice Edit Criteria

Source Settlement Amount Sign Positions: 132 Length: 1 Format: alphanumeric	Description: This field will indicate if the source settlement amount is a credit or debit for the recipient of the advice. Values are: <ul style="list-style-type: none">• C (Credit)• D (Debit) This field will only be populated for dispute financial status advices containing the value of O (Originator) in TCR 0, position 25, Originator/Recipient Indicator.
Reserved Positions: 133-168 Length: 36 Format: alphanumeric	Description: This field is reserved for future use.

TC 33 - TCR 0 V.I.P. Full Service Dispute Financial Status Advice

These tables contain the Multipurpose Message (TC 33) record layout and edit criteria for TCR 0 - V.I.P. FULL SERVICE DISPUTE FINANCIAL STATUS ADVICE.

CTF - Incoming Interchange

V.I.P. Full Service Dispute Financial Status Advice Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	AN	Destination Identifier
11-16	6	AN	Source Identifier
17-19	3	AN	VCR Record Identifier
20-21	2	AN	Dispute Status
22-23	2	AN	POS Condition Code
24	1	AN	Reserved
25	1	AN	Originator/Recipient Indicator
26-41	16	UN	Account Number

V.I.P. Full Service Dispute Financial Status Advice Record Layout

Position	Field Length	Format	Contents
42-44	3	UN	Account Number Extension
45-55	11	UN	Acquirer Institution ID Code
56-67	12	AN	Retrieval Reference Number
68-71	4	UN	Purchase Date (MMDD)
72-83	12	UN	Source Amount
84-86	3	UN	Source Currency Code
87-111	25	AN	Merchant Name
112-124	13	AN	Merchant City
125-127	3	AN	Merchant Country Code
128-131	4	UN	Merchant Category Code
132-134	3	AN	Merchant State/Province Code
135-139	5	UN	Merchant ZIP Code
140	1	AN	Requested Payment Service
141-146	6	AN	Authorization Code
147-148	2	AN	POS Entry Mode
149-152	4	UN	Central Processing Date (YDDD)
153-167	15	AN	Card Acceptor ID
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

V.I.P. Full Service Dispute Financial Status Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 (Dispute financial status advice).
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 1 (V.I.P. VROL Dispute Financial).

V.I.P. Full Service Dispute Financial Status Advice Edit Criteria

Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Destination Identifier Positions: 5-10 Length: 6 Format: alphanumeric	Description: The entity to which this transaction message is sent. This field will contain a valid acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: alphanumeric	Description: The entity from which this BASE II transaction message is sent. This field will contain a valid acquiring or issuing identifier.
VCR Record Identifier Positions: 17-19 Length: 3 Format: alphanumeric	Description: This field will contain the value of VCR to identify this TC 33 record as a VROL status advice.
Dispute Status Positions: 20-21 Length: 2 Format: alphanumeric	Description: This field will contain a code to indicate the status of the VROL dispute. Values: <ul style="list-style-type: none">• F1 (Dispute financial)• R1 (Dispute financial reversal-recall)• R2 (Dispute financial reversal-pre-arbitration acceptance)• R3 (Dispute financial reversal-arbitration decision)• P1 (Dispute response financial)• L1 (Dispute response financial reversal-recall)• L2 (Dispute response financial reversal-pre-arbitration acceptance)• L3 (Dispute response financial reversal-arbitration decision)
POS Condition Code Positions: 22-23 Length: 2 Format: alphanumeric	Description: This field will contain the point-of-sale (POS) condition code of the dispute transaction.
Reserved Positions: 24 Length: 1 Format: alphanumeric	Description: This field is reserved for future use.

V.I.P. Full Service Dispute Financial Status Advice Edit Criteria

Originator/Recipient Indicator Positions: 25 Length: 1 Format: alphanumeric	Description: This field indicates if the advice will be sent to the originator or to the recipient. O = Originator R = Recipient
Account Number Positions: 26-41 Length: 16 Format: unpacked numeric	Description: This field will contain a number identifying the customer account or relationship. Note: If the original transaction was submitted with a token, the advice will be populated as follows: <ul style="list-style-type: none">• Dispute response financial status advices and dispute response financial reversal status advices sent to acquirers will contain the token.• Dispute financial status advices and dispute financial reversal status advices sent to issuers will contain the cardholder primary account number (PAN).
Account Number Extension Positions: 42-44 Length: 3 Format: unpacked numeric	Description: This field will contain the account number extension.
Acquirer Institution ID Code Positions: 45-55 Length: 11 Format: unpacked numeric	Description: This field will contain a code that identifies the financial institution acting as the acquirer of the transaction.
Retrieval Reference Number Positions: 56-67 Length: 12 Format: alphanumeric	Description: This field will contain the retrieval reference number of the financial dispute transaction processed thru the VROL process.
Purchase Date (MMDD) Positions: 68-71 Length: 4 Format: unpacked numeric	Description: This field will contain the date the original transaction was made.
Source Amount Positions: 72-83 Length: 12 Format: unpacked numeric	Description: This field will contain the dispute value in transaction currency. Two decimal places are implied. The entry must be a numeric greater than zero.

V.I.P. Full Service Dispute Financial Status Advice Edit Criteria

Source Currency Code Positions: 84-86 Length: 3 Format: unpacked numeric	Description: This field will contain the currency code used in this transaction.
Merchant Name Positions: 87-111 Length: 25 Format: alphanumeric	Description: This field will contain the name of the merchant.
Merchant City Positions: 112-124 Length: 13 Format: alphanumeric	Description: This field will contain the merchant city, telephone number, email address, or URL.
Merchant Country Code Positions: 125-127 Length: 3 Format: alphanumeric	Description: This field will contain the code indicating the country where the Visa transaction occurred. Note: For valid country codes, see <i>BASE II Clearing Data Codes</i> .
Merchant Category Code Positions: 128-131 Length: 4 Format: unpacked numeric	Description: This field will contain the merchant category code. Note: For valid codes, see: <ul style="list-style-type: none">• <i>Visa Core Rules</i>• <i>Visa Product and Service Rules</i>• <i>Visa Merchant Data Standards</i>
Merchant State/Province Code Positions: 132-134 Length: 3 Format: alphanumeric	Description: If the code in Merchant Country, positions 125-127 is US or CA , this field will contain the U.S. state code or Canadian province code, respectively. Otherwise, it will contain spaces.
Merchant ZIP Code Positions: 135-139 Length: 5 Format: unpacked numeric	Description: This field will contain the postal code of the merchant where the transaction took place.
Requested Payment Service Positions: 140 Length: 1 Format: alphanumeric	Description: This field will contain a code indicating the acquirer's choice of custom payment service. Note: For valid values, see <i>BASE II Clearing Data Codes</i> .

V.I.P. Full Service Dispute Financial Status Advice Edit Criteria

Authorization Code Positions: 141-146 Length: 6 Format: alphanumeric	Description: This field will contain a code provided by the issuer when the original transaction was approved.
POS Entry Mode Positions: 147-148 Length: 2 Format: alphanumeric	Description: This field will contain a value indicating the method by which a point-of-transaction terminal obtains and transmits the cardholder information necessary to complete a transaction.
Central Processing Date (YDDD) Positions: 149-152 Length: 4 Format: unpacked numeric	Description: This field will contain the date that BASE II processes the dispute financial transaction. The date will be in yddd format where: yddd = Julian date Dispute Financial Reversal VIC Edit: The entry must be numeric. The entry cannot be a future date. The field must contain the Central Processing Date (in the YDDD format) of the transaction being reversed.
Card Acceptor ID Positions: 153-167 Length: 15 Format: alphanumeric	Description: This field will contain a code that identifies the card acceptor from the original transaction.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: This field will contain the reimbursement attribute. Note: For valid values, see <i>BASE II Clearing Data Codes</i> .

TC 33 - TCR 1 V.I.P. Full Service Dispute Financial Status Advice (Cont'd)

These tables contain the Multipurpose Message (TC 33) record layout and edit criteria for TCR 1 - V.I.P. FULL SERVICE DISPUTE FINANCIAL STATUS ADVICE (CONT'D).

CTF - Incoming Interchange

V.I.P. Full Service Dispute Financial Status Advice Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-8	4	UN	Network Identification Code
9-11	3	AN	Dispute Condition
12-22	11	AN	VROL Financial ID
23-32	10	UN	VROL Case Number
33-42	10	UN	VROL Bundle Case Number
43-62	20	AN	Client Case Number
63-66	4	AN	Reserved
67-68	2	UN	Multiple Clearing Sequence Number
69-70	2	UN	Multiple Clearing Sequence Count
71-72	2	AN	Product ID
73	1	AN	Spend Qualified Indicator
74-75	2	UN	Processing Code
76	1	UN	Settlement Flag
77	1	UN	Usage Code
78-92	15	UN	Transaction Identifier
93-100	8	UN	Acquirer's Business ID
101-112	12	UN	Original Transaction Amount
113-115	3	UN	Original Transaction Currency Code
116	1	AN	Special Chargeback Indicator
117-120	4	N	Message Reason Code
121-132	12	UN	Destination/Source Settlement Amount
133-135	3	AN	Destination/Source Settlement Currency
136	1	AN	Source Settlement Amount Sign
137-168	32	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

V.I.P. Full Service Dispute Financial Status Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 (Dispute financial status advice).
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 1 (V.I.P. VROL dispute financial).
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 1 .
Network Identification Code Positions: 5-8 Length: 4 Format: unpacked numeric	Description: This field will contain the network identification code. Values: <ul style="list-style-type: none">• 0002 (Visa)• 0003 (Interlink)• 0004 (Plus) Note: The network identification code field populated with all zeros is allowed.
Dispute Condition Positions: 9-11 Length: 3 Format: alphanumeric	Description: This field will contain the dispute condition assigned through the VROL process.
VROL Financial ID Positions: 12-22 Length: 11 Format: alphanumeric	Description: This field will contain the VROL financial ID assigned through the VROL process.
VROL Case Number Positions: 23-32 Length: 10 Format: unpacked numeric	Description: This field will contain the VROL case number assigned through the VROL process.

V.I.P. Full Service Dispute Financial Status Advice Edit Criteria

VROL Bundle Case Number Positions: 33-42 Length: 10 Format: unpacked numeric	Description: This field will contain the VROL bundle case number when the dispute is part of a bundle.
Client Case Number Positions: 43-62 Length: 20 Format: alphanumeric	Description: This field will contain a case tracking number assigned by the endpoint in VROL when a VROL dispute is created.
Reserved Positions: 63-66 Length: 4 Format: alphanumeric	Description: This field is reserved for future use.
Multiple Clearing Sequence Number Positions: 67-68 Length: 2 Format: unpacked numeric	Description: This field will contain a sequence number that distinguishes a specific clearing message among multiple clearing messages being submitted for a single authorization.
Multiple Clearing Sequence Count Positions: 69-70 Length: 2 Format: unpacked numeric	Description: This field will contain the count of multiple clearing sequence.
Product ID Positions: 71-72 Length: 2 Format: alphanumeric	Description: This field will contain the product identifier code.
Spend Qualified Indicator Positions: 73 Length: 1 Format: alphanumeric	Description: This field will contain a code that identifies whether the account is spend qualified or not. Values: <ul style="list-style-type: none">• Space (Spend processing does not apply (not applicable))• B (Base spend assessment threshold defined by Visa has been met)• N (Spend assessment threshold defined by Visa has not been met)• Q (Spend assessment threshold defined by Visa has been met)

V.I.P. Full Service Dispute Financial Status Advice Edit Criteria

Processing Code Positions: 74-75 Length: 2 Format: unpacked numeric	Description: This field will contain a code identifying the customer transaction type or the center function being processed.
Settlement Flag Positions: 76 Length: 1 Format: unpacked numeric	Description: This field will contain a value that indicates the service used for settlement. Values: <ul style="list-style-type: none">• 0 (International settlement service)• 3 (Clearing-only (valid only for countries with defined service))• 8 (National net settlement service (valid only for countries with defined service))• 9 (BASE II selects the appropriate settlement service based on routing and country-defined default)
Usage Code Positions: 77 Length: 1 Format: unpacked numeric	Description: This field will contain the new usage code value of 9 (Dispute financial).
Transaction Identifier Positions: 78-92 Length: 15 Format: unpacked numeric	Description: This field will contain the transaction identifier, a unique value that Visa assigns to each transaction and returns to the acquirer in the authorization response. Visa uses this value to maintain an audit trail throughout the life cycle of the transaction and all related transactions, such as reversals, adjustments, confirmations, and dispute financials.
Acquirer's Business ID Positions: 93-100 Length: 8 Format: unpacked numeric	Description: This field will contain the Visa-assigned business ID of the acquirer.
Original Transaction Amount Positions: 101-112 Length: 12 Format: unpacked numeric	Description: This field indicates the transaction amount of the original transaction being disputed.
Original Transaction Currency Code Positions: 113-115 Length: 3 Format: unpacked numeric	Description: This field indicates the currency code of original transaction amount in position 101.

V.I.P. Full Service Dispute Financial Status Advice Edit Criteria

Special Chargeback Indicator Positions: 116 Length: 1 Format: alphanumeric	Description: This field supplies extra information regarding disputes (validation requests and advices). Note: Values: Space = Field not applicable P = Partial amount
Message Reason Code Positions: 117-120 Length: 4 Format: numeric	Description: This field will contain one of the reason codes used to identify the dispute category for disputes processed through VROL. Values: <ul style="list-style-type: none"> • 0010 (Fraud) • 0011 (Authorization) • 0012 (Processing error) • 0013 (Consumer dispute)
Destination/Source Settlement Amount Positions: 121-132 Length: 12 Format: unpacked numeric	Description: This field contains the following value depending on subscription option: <ul style="list-style-type: none"> • N - none • S - source settlement amount • D - destination amount • B - 1) source settlement amount if TC 33 goes to Originator or 2) destination amount if TC 33 goes to Receiver.
Destination/Source Settlement Currency Positions: 133-135 Length: 3 Format: alphanumeric	Description: This field contains the following value depending on subscription option: <ul style="list-style-type: none"> • N - none • S - source settlement currency • D - destination currency • B - 1) source settlement currency if TC 33 goes to Originator or 2) destination currency if TC 33 goes to Receiver.
Source Settlement Amount Sign Positions: 136 Length: 1 Format: alphanumeric	Description: This field will indicate if the source settlement amount is a credit or debit for the recipient of the advice. Values are: <ul style="list-style-type: none"> • C (Credit) • D (Debit) <p>This field will only be populated for VROL status advices containing the value of O (Originator) in TCR 0, position 25, Originator/Recipient Indicator.</p>
Reserved Positions: 137-168 Length: 32 Format: alphanumeric	Description: This field is reserved for future use.

BASE II Clearing and Settlement Advice

The clearing and settlement advice provides transaction-level settlement data and is optionally available to acquirers and issuers that choose to subscribe.

TCR 0, 1

CTF - Incoming Interchange

TC 33 - TCR 0 BASE II Clearing and Settlement Advice

These tables contain the Multipurpose Message (TC 33) record layout and edit criteria for TCR 0 - BASE II CLEARING AND SETTLEMENT ADVICE.

CTF - Incoming Interchange

BASE II Clearing and Settlement Advice Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	AN	Destination Identifier
11-16	6	AN	Source Identifier
17-19	3	AN	CAS Advice Record ID
20	1	AN	Originator/Recipient Indicator
21-22	2	AN	Transaction Code of Financial Transaction
23	1	AN	TCQ of Financial Transaction
24-27	4	UN	Central Processing Date
28-42	15	UN	Transaction ID
43-58	16	UN	Account Number
59-61	3	UN	Account Number Extension

BASE II Clearing and Settlement Advice Record Layout

Position	Field Length	Format	Contents
62-84	23	AN	Acquirer Reference Number
85-99	15	AN	Card Acceptor ID
100-107	8	AN	Terminal ID
108-119	12	UN	Source Amount
120-122	3	UN	Source Currency Code
123	1	UN	Settlement Flag
124-126	3	UN	Settlement Service ID
127-129	3	UN	Settlement Currency
130-139	10	UN	Leaf Level SRE-ID
140-149	10	UN	Funds Transfer SRE-ID
150-161	12	UN	Settlement Amount - Interchange
162	1	AN	Settlement Amount - Sign
163	1	UN	Usage Code
164	1	AN	Reclassification Indicator
165	1	AN	Requested Payment Service
166-168	3	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

BASE II Clearing and Settlement Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 (Clearing and settlement advice).
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (Default).

BASE II Clearing and Settlement Advice Edit Criteria

Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 1 .
Destination Identifier Positions: 5-10 Length: 6 Format: alphanumeric	Description: This field will contain a valid acquiring or issuing identifier or Clearing and Settlement Advice Split Route destination identifier, if present.
Source Identifier Positions: 11-16 Length: 6 Format: alphanumeric	Description: This field will contain a valid acquiring or issuing identifier.
CAS Advice Record ID Positions: 17-19 Length: 3 Format: alphanumeric	Description: This field will contain the value of CAS (Clearing and Settlement).
Originator/Recipient Indicator Positions: 20 Length: 1 Format: alphanumeric	Description: This field will indicate whether the transaction data is for the originator or recipient and will contain one of these values: <ul style="list-style-type: none">• O (Originator)• R (Recipient)
Transaction Code of Financial Transaction Positions: 21-22 Length: 2 Format: alphanumeric	Description: This field will contain the transaction code of the transaction.
TCQ of Financial Transaction Positions: 23 Length: 1 Format: alphanumeric	Description: This field contains Transaction Code Qualifier of the transaction.
Central Processing Date Positions: 24-27 Length: 4 Format: unpacked numeric	Description: This field will contain the central processing date (CPD) of the transaction and will be in the format of YDDD , where: <ul style="list-style-type: none">• Y = year (1-9)• DDD = day (01-366)

BASE II Clearing and Settlement Advice Edit Criteria

Transaction ID Positions: 28-42 Length: 15 Format: unpacked numeric	Description: This field will contain the transaction identifier, a unique value that Visa assigns to each transaction and returns to the acquirer in the authorization response. Visa uses this value to maintain an audit trail throughout the lifecycle of the transaction and all related transactions.
Account Number Positions: 43-58 Length: 16 Format: unpacked numeric	Description: This field will contain the primary account number (PAN) of the transaction.
Account Number Extension Positions: 59-61 Length: 3 Format: unpacked numeric	Description: This field will contain the PAN extension.
Acquirer Reference Number Positions: 62-84 Length: 23 Format: alphanumeric	Description: This field will contain the 23-digit identification number assigned by the acquirer.
Card Acceptor ID Positions: 85-99 Length: 15 Format: alphanumeric	Description: This field will contain an acquirer-assigned alphanumeric code that identifies the Card Acceptor. Unless provided by different entities, the Card Acceptor Identification code must be the same alphanumeric code in both the Authorization and Clearing messages.
Terminal ID Positions: 100-107 Length: 8 Format: alphanumeric	Description: Code that identifies the card acceptor terminal or ATM. For electronic point-of-sale or point-of-service (POS) terminals, when the ID is not unique to a specific terminal, Card Acceptor Identification Code can be used along with this field. ATM terminal IDs must be unique within the acquirer's network. An identification code of fewer than 8 positions must be left-justified and the remainder of the field space-filled.
Source Amount Positions: 108-119 Length: 12 Format: unpacked numeric	Description: This field will contain the amount of the transaction.
Source Currency Code Positions: 120-122 Length: 3 Format: unpacked numeric	Description: This field will contain the 3-digit ISO currency code for the value in the Source Amount field.

BASE II Clearing and Settlement Advice Edit Criteria

Settlement Flag Positions: 123 Length: 1 Format: unpacked numeric	Description: This field will contain a value that indicates the service used for settlement. Values: <ul style="list-style-type: none"> • 0 (International settlement service) • 8 (National net settlement service (valid only for countries with defined service)) • 9 (BASE II selects the appropriate settlement service based on routing and country-defined default)
Settlement Service ID Positions: 124-126 Length: 3 Format: unpacked numeric	Description: This field will contain the name of the settlement service that the transaction settled.
Settlement Currency Positions: 127-129 Length: 3 Format: unpacked numeric	Description: If destined to Originator, use Source Settlement Currency. If destined to Recipient, use Destination Settlement Currency. The settlement currency should be 3-byte numeric valid currency value.
Leaf Level SRE-ID Positions: 130-139 Length: 10 Format: unpacked numeric	Description: This field contains value based on below criteria. If destined to Originator's, use Originator's SRE. If destined to Recipient's, use Recipient's SRE - Settlement Reporting entities.
Funds Transfer SRE-ID Positions: 140-149 Length: 10 Format: unpacked numeric	Description: This field contains value based on below criteria. If destined to Originator's, use Originator's Funds Transfer SRE-ID. If destined to Recipient's, use Recipient's Funds Transfer SRE-ID. SRE - Settlement Reporting entities.
Settlement Amount - Interchange Positions: 150-161 Length: 12 Format: unpacked numeric	Description: If destined to Originator, use Source Settlement Amount - Interchange. If destined to Recipient, use Destination Settlement Amount - Interchange.
Settlement Amount - Sign Positions: 162 Length: 1 Format: alphanumeric	Description: This field will contain one of the following values that indicates the sign of the amount in the Settlement Amount - Interchange Field: <ul style="list-style-type: none"> • C (Credit) • D (Debit)
Usage Code Positions: 163 Length: 1 Format: unpacked numeric	Description: This field will indicate whether this is the first or second presentment and will contain one of the following: <ul style="list-style-type: none"> • 1 (First presentment) • 2 (Second presentment) • 9 (Dispute Financial)

BASE II Clearing and Settlement Advice Edit Criteria

Reclassification Indicator Positions: 164 Length: 1 Format: alphanumeric	Description: This field will indicate whether the transaction was reclassified and will contain one of these: <ul style="list-style-type: none"> • Y (Transaction was reclassified) • N (Transaction was not reclassified)
Requested Payment Service Positions: 165 Length: 1 Format: alphanumeric	Description: Codes for dual-message acquirers that define their choice of a specific custom payment service in the deferred clearing transaction. The requested payment service indicates that the acquirer complied with the selected CPS authorization and clearing rules.
Reserved Positions: 166-168 Length: 3 Format: alphanumeric	Description: This field is reserved and will contain spaces.

TC 33 - TCR 1 BASE II Clearing and Settlement Advice

These tables contain the Multipurpose Message (TC 33) record layout and edit criteria for TCR 1 - BASE II CLEARING AND SETTLEMENT ADVICE.

CTF - Incoming Interchange

BASE II Clearing and Settlement Advice Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-19	15	UN	Interchange Fee Amount
20	1	AN	Interchange Fee Sign
21-30	10	AN	Merchant Verification Value
31-33	3	AN	Fee Program Indicator
34-49	16	AN	Fee Descriptor
50-53	4	UN	Conversion Date
54-57	4	UN	Settlement Date

BASE II Clearing and Settlement Advice Record Layout

Position	Field Length	Format	Contents
58-87	30	AN	BASE II Unique File ID
88-168	81	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

BASE II Clearing and Settlement Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 (Clearing and Settlement advice).
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (Default).
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 1 .
Interchange Fee Amount Positions: 5-19 Length: 15 Format: unpacked numeric	Description: This field will contain the amount of the interchange in the settlement currency that was assessed on the transaction. The field is right-justified, with six decimals implied.
Interchange Fee Sign Positions: 20 Length: 1 Format: alphanumeric	Description: This field will indicate whether the interchange fee amount is a credit or debit for the transaction and will contain one of these values: <ul style="list-style-type: none"> • C (Credit) • D (Debit)
Merchant Verification Value Positions: 21-30 Length: 10 Format: alphanumeric	Description: This field will contain the merchant verification value (MVV) that was assigned to the merchant. <ul style="list-style-type: none"> • Values: A-F, 0-9 • Default value: spaces

BASE II Clearing and Settlement Advice Edit Criteria

Fee Program Indicator Positions: 31-33 Length: 3 Format: alphanumeric	Description: This field contains an interchange reimbursement fee program indicator (FPI). This field is left-justified and space-filled. If destined to originator, originator's FPI is logged. If destined to recipient, recipient's FPI is logged. Note: Please see <i>BASE II Clearing Data Codes</i> for a listing of the fee program indicators.
Fee Descriptor Positions: 34-49 Length: 16 Format: alphanumeric	Description: If destined to Originator/Source, use Source Fee descriptor. If destined to Recipient/Destination, use Destination Fee descriptor.
Conversion Date Positions: 50-53 Length: 4 Format: unpacked numeric	Description: This field will contain the date of the currency file that was used to convert the currency and will be in the format of YDDD, where: <ul style="list-style-type: none">• Y = year (1-9)• DDD = day (01-366)
Settlement Date Positions: 54-57 Length: 4 Format: unpacked numeric	Description: This field will contain the settlement date of the transaction and will be in the format of YDDD, where: <ul style="list-style-type: none">• Y = year (1-9)• DDD = day (01-366)
BASE II Unique File ID Positions: 58-87 Length: 30 Format: alphanumeric	Description: A unique file number (such as an identification) used by the Edit Package for history checking.
Reserved Positions: 88-168 Length: 81 Format: alphanumeric	Description: This field is reserved and will contain spaces.

Chapter 11

TC 33.A Capture Transactions (Acquirer)

TC 33.A - Capture File

TC 33 Capture transaction records support capture processing. Each Capture file is comprised of 3 or more transaction component record (TCR) groups - TCR Group. These TCR groups have a file header HEDR, a file trailer TRLR, and a TCR group CPxx.

TCR 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, A

Each Capture file contains one or more logical transactions, each of which is defined by a transaction code TC 33, and comprised of one or more TCR groups identified by a CPxx code. Each TCR group contains one or more transaction component records (TCRs). Each TCR is 168 bytes long.

The TCR group code identifies a group of related TCRs (TCR 0 through TCR E). All TCR groups (CPxx) for a given transaction are linked by the same message identifier (position 21-35) located only in TCR 0. TCR groups are identified by Application Code located in position 17-20 only in TCR 0. All TCRs in a transaction have the same two-character transaction code (positions 1 and 2). The Transaction Component Sequence Number (position 4) gives the TCR number. Each TCR group must start with TCR 0. TCR groups and TCR numbers are not necessarily consecutive, that is, the TCR group or TCR sequence may skip a number. For example, a Capture file which has an EMV sales transaction may contain Header HEDR, Trailer TRLR, CP01, TCR 0, TCR 1, TCR 4 and CP02 TCR 1, TCR 2. However, the TCRs must be in ascending order within the transaction.

TC 33.A - TCR 0 Capture - File Header

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for TCR 0 - CAPTURE - FILE HEADER.

CTF - Incoming Interchange

Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-20	4	AN	TC 33 Application Code - Header
21-24	4	UN	Capture File Number
25-32	8	UN	Capture Creation Date

Record Layout

Position	Field Length	Format	Contents
33-168	136	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Capture - File Header Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value 0 .
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which the BASE II transaction message is sent. This field will contain a valid acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: This field contains the Visa internal identifier of the VIC. Valid values: 481222 (CtV) or (VACP) or 479913 (MDEX) Note: Visa recommends that client implement both of the above valid values.
TC 33 Application Code - Header Positions: 17-20 Length: 4 Format: alphanumeric	Description: Static value set to HEDR .

Capture - File Header Edit Criteria

Capture File Number Positions: 21-24 Length: 4 Format: unpacked numeric	Description: The file number assigned by the VIC.
Capture Creation Date Positions: 25-32 Length: 8 Format: unpacked numeric	Description: The date when the file was created by the VIC.
Reserved Positions: 33-168 Length: 136 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - TCR 0 Capture - File Trailer

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for TCR 0 - CAPTURE - FILE TRAILER.

CTF - Incoming Interchange

Capture - File Trailer Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-20	4	AN	TC 33 Application Code - Trailer
21-24	4	UN	Capture File Number
25-32	8	UN	Capture Creation Date
33-41	9	UN	Total Transaction Count
42-61	20	UN	Total Transaction Amount

Capture - File Trailer Record Layout

Position	Field Length	Format	Contents
62-168	107	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Capture - File Trailer Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value 0 .
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which the BASE II transaction message is sent. This field will contain a valid acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: This field contains the Visa internal identifier of the VIC.
TC 33 Application Code - Trailer Positions: 17-20 Length: 4 Format: alphanumeric	Description: Static value set to TRLR .

Capture - File Trailer Edit Criteria

Capture File Number Positions: 21-24 Length: 4 Format: unpacked numeric	Description: The file number assigned by the VIC.
Capture Creation Date Positions: 25-32 Length: 8 Format: unpacked numeric	Description: The date when the file was created by the VIC.
Total Transaction Count Positions: 33-41 Length: 9 Format: unpacked numeric	Description: The count includes all capture transaction records for the entire capture file. (TC 90 Header record, TC 91 Batch Trailer records, and TC 92 File Trailer record are not included in this count.)
Total Transaction Amount Positions: 42-61 Length: 20 Format: unpacked numeric	Description: Contains the hash total of all transaction amounts within the file.
Reserved Positions: 62-168 Length: 107 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 01 TCR 0 Transaction Data

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 01 TCR 0 - TRANSACTION DATA.

CTF - Incoming Interchange

Transaction Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier

Transaction Data Record Layout

Position	Field Length	Format	Contents
4	1	AN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-20	4	AN	TC 33 Application Code
21-35	15	AN	Message Identifier
36-50	15	AN	Transaction Identifier
51-62	12	AN	Retrieval Reference Number
63-78	16	AN	Account Number
79-81	3	AN	Account Number Extension
82-85	4	AN	Expiration Date
86-89	4	UN	Purchase Date
90-93	4	AN	Authorization Date (MMDD)
94-95	2	AN	Decimal Positions Indicator
96-107	12	AN	Authorized Amount
108-110	3	AN	Authorization Currency Code
111-122	12	AN	Total Authorized Amount
123-134	12	UN	Source Amount
135-137	3	AN	Source Currency Code
138-149	12	AN	Tip Amount
150-151	2	AN	Action Code
152-153	2	AN	Service Identifier
154-159	6	UN	Acquiring Identifier
160-163	4	AN	Message Reason Code
164	1	N	Additional Authorization Indicator
165-168	4	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Transaction Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value 0 .
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which the BASE II transaction message is sent. This field will contain a valid acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: This field contains the Visa internal identifier of the VIC.
TC 33 Application Code Positions: 17-20 Length: 4 Format: alphanumeric	Description: This TCR group code identifies a group of related Transaction Component Records (TCR0 through TCRE). This field has a static value of CP01 .
Message Identifier Positions: 21-35 Length: 15 Format: alphanumeric	Description: A unique message identifier that links a specific capture record among multiple capture records being submitted for a single transaction. All capture records within the same file linked to a single authorization request contain the same message identifier. The same message identifier can be assigned to other related capture records located in additional TCR groups identified by TC 33 Application codes (CP 01 through CP 50).
Transaction Identifier Positions: 36-50 Length: 15 Format: alphanumeric	Description: A unique value that Visa assigns to each transaction and returns to the acquirer in the authorization response. Note: Populated based on Credit Authorization.

Transaction Data Edit Criteria

Retrieval Reference Number Positions: 51-62 Length: 12 Format: alphanumeric	Description: An identification number assigned by the processing entity that is used with other data elements to identify and track messages related to a given cardholder transaction, that is, to a given transaction set. Note: Populated based on Credit Authorization.
Account Number Positions: 63-78 Length: 16 Format: alphanumeric	Description: This field contains an issuer-assigned number or a payment token that identifies a cardholder's account. The field is left-justified and blank-filled to the right of an account number less than 16 digits in length.
Account Number Extension Positions: 79-81 Length: 3 Format: alphanumeric	Description: This field is used for account numbers or tokens greater than 16 digits. It contains a 3-digit extension of the account number or token that allows account numbers or tokens up to 19 digits. The field is left-justified and blank-filled.
Expiration Date Positions: 82-85 Length: 4 Format: alphanumeric	Description: This field contains an account number or token expiration date in the following format: YYMM (year, month)
Purchase Date Positions: 86-89 Length: 4 Format: unpacked numeric	Description: Date the purchase transaction was made (MMDD) based on Greenwich mean time (GMT).
Authorization Date Positions: 90-93 Length: 4 Format: alphanumeric	Description: The actual date that the request for the authorization was made based on GMT. This field contains the Authorization Date in the following format: MMDD . Note: Populated based on Credit Authorization.
Decimal Positions Indicator Positions: 94-95 Length: 2 Format: alphanumeric	Description: Indicates decimal positions of all amount fields.
Authorized Amount Positions: 96-107 Length: 12 Format: alphanumeric	Description: Amount the issuer originally authorized. This field is formatted based on currency exponents. Note: Populated based on Credit Authorization.

Transaction Data Edit Criteria

Authorization Currency Code Positions: 108-110 Length: 3 Format: alphanumeric	Description: Currency code of the authorized source amount. The entry contains spaces or a valid ISO numeric currency code. Note: Populated based on Credit Authorization.
Total Authorization Amount Positions: 111-122 Length: 12 Format: alphanumeric	Description: Total authorized amount of the transaction including taxes and miscellaneous fees less reversals. Note: Space-filled for credits.
Source Amount Positions: 123-134 Length: 12 Format: unpacked numeric	Description: This field contains the purchase value in transaction currency.
Source Currency Code Positions: 135-137 Length: 3 Format: alphanumeric	Description: Currency code used in the transaction. The field contains a valid currency ISO numeric code. Note: Please see <i>BASE II Clearing Data Codes</i> for a list of valid codes.
Tip Amount Positions: 138-149 Length: 12 Format: alphanumeric	Description: This field contains the tip amount.
Action Code Positions: 150-151 Length: 2 Format: alphanumeric	Description: This field contains the action code of the capture transaction. Action Code value is augmented from the request ID: 01 = Sales Capture 02 = Merchandise Credit Capture 03 = PIN Debit Purchase Advice 04 = PIN Debit Merchandise Return Advice 05 = Offline Capture 06 = Original Credit Transaction Advice 07 = Account Funding Transaction

Transaction Data Edit Criteria

Service Identifier Positions: 152-153 Length: 2 Format: alphanumeric	Description: This field contains the code used to identify the type of service. (Contact the Visa representative for the valid values for participation in the service.) Values: 01 = ACP 02 = CTV 03 = MDEX API 04 = Reserved 05-50 = Reserved for future use 51 = Merchant Capture 52-99 = Reserved for future use
Acquiring Identifier Positions: 154-159 Length: 6 Format: unpacked numeric	Description: The field contains the Acquiring Identifier used in the authorization.
Message Reason Code Positions: 160-163 Length: 4 Format: alphanumeric	Description: This field contains the Message Reason Code. Note: Please refer to V.I.P. System SMS POS (Visa & Visa Electron) Technical Specifications, Volume 1.
Additional Authorization Indicator Positions: 164 Length: 1 Format: numeric	Description: This field will contain one of these values: 1 (Partial authorization) 2 (Estimated authorization) 3 (Both partial and estimated)
Reserved Positions: 165-168 Length: 4 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 01 TCR 1 Additional Data

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 01 TCR 1 - ADDITIONAL DATA.

CTF - Incoming Interchange

Additional Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-8	4	AN	Capture Date
9-14	6	AN	Authorization Code
15-16	2	AN	POS Entry Mode
17-31	15	ANS	Card Acceptor ID
32-39	8	ANS	Terminal ID
40	1	AN	Mail/Phone/Electronic Commerce and Payment Indicator
41	1	AN	Unattended Acceptance Terminal Indicator
42	1	AN	AVS Response Code
43	1	AN	Authorization Source Code
44	1	AN	Purchase Identifier Format
45-69	25	AN	Purchase Identifier
70-71	2	AN	Card ID
72-73	2	AN	Point-of-Service Condition Code
74-79	6	AN	Processing Code
80-83	4	AN	Network ID
84-85	2	AN	Authorization Response Code
86-89	4	AN	Validation Code
90	1	AN	Market-Specific Authorization Data Indicator
91-92	2	AN	Product ID
93-98	6	AN	Program ID
99	1	AN	CVV2 Result Code
100	1	AN	Authorization Characteristics Indicator
101	1	AN	POS Terminal Capability
102	1	AN	Cardholder ID Method
103-128	26	AN	Request ID
129-130	2	AN	Electronic Commerce Goods Indicator

Additional Data Record Layout

Position	Field Length	Format	Contents
131-133	3	AN	Fee Program Indicator
134	1	AN	Service Development Field
135	1	AN	Account Selection
136	1	AN	POS Environment
137-140	4	AN	Time of Purchase
141-166	26	AN	Batch Request ID
167	1	AN	Spend Qualified Indicator
168	1	AN	CAVV Results Code

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Additional Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value 1 .
Capture Date Positions: 5-8 Length: 4 Format: alphanumeric	Description: The date when the merchant intends to process the capture file (MMDD) in the merchant local time. Note: Space-filled for credits.

Additional Data Edit Criteria

Authorization Code Positions: 9-14 Length: 6 Format: alphanumeric	Description: A code that an issuer, its authorizing processor, or Stand-In Processing (STIP) provides to indicate approval of a transaction. The code is returned in the Authorization Response and is usually recorded on the Transaction Receipt. Note: Please see <i>BASE II Clearing Data Codes</i> for a list of valid codes. Note: Populated based on Credit Authorization.
POS Entry Mode Positions: 15-16 Length: 2 Format: alphanumeric	Description: A V.I.P. System field indicating the method by which a point-of-transaction terminal obtains and transmits the cardholder information necessary to complete a Transaction. Note: Please see <i>V.I.P. System SMS POS (Visa & Visa Electron) Technical Specifications, Volume 1</i> for a list of values. Note: Populated based on Credit Authorization.
Card Acceptor ID Positions: 17-31 Length: 15 Format: alphanumeric special character	Description: Code that identifies the card acceptor operating the POS terminal.
Terminal ID Positions: 32-39 Length: 8 Format: alphanumeric special character	Description: Code that identifies the card acceptor terminal.
Mail/Phone/Electronic Commerce and Payment Indicator Positions: 40 Length: 1 Format: alphanumeric	Description: Indicates transaction performed by mail order, telephone, or electronic commerce. Note: Please see <i>BASE II Clearing Data Codes</i> for a list of valid codes. Note: Populated based on Credit Authorization.
Unattended Acceptance Terminal Indicator Positions: 41 Length: 1 Format: alphanumeric	Description: Indicates type of unattended terminal. Note: Please see <i>BASE II Clearing Data Codes</i> for a list of valid codes.
AVS Response Code Positions: 42 Length: 1 Format: alphanumeric	Description: Contains the response to an Address Verification Service (AVS) request, indicating matches or discrepancies between addresses and ZIP codes. Note: Please see <i>BASE II Clearing Data Codes</i> for a list of valid codes. Note: Space-filled for credits.

Additional Data Edit Criteria

Authorization Source Code Positions: 43 Length: 1 Format: alphanumeric	Description: Indicates whether or not card present at authorization and type of commerce or service requested. Note: Please see <i>BASE II Clearing Data Codes</i> for a list of valid codes.
Purchase Identifier Format Positions: 44 Length: 1 Format: alphanumeric	Description: Indicates the format of additional identifying information for purchases, such as order number or invoice number. Format can include free text or type of number. Note: Please see <i>BASE II Clearing Data Codes</i> for a list of values.
Purchase Identifier Positions: 45-69 Length: 25 Format: alphanumeric	Description: Identifies the purchase to the issuer and cardholder.
Card ID Positions: 70-71 Length: 2 Format: alphanumeric	Description: Code used to identify the card brand used for payment. Codes: VI = Visa MC = Mastercard JC = JCB DC = Diners Club AX = American Express DI = Discover
Point-of-Service Condition Code Positions: 72-73 Length: 2 Format: alphanumeric	Description: Code identifying transaction conditions at the point of sale or point of service. Can be used to identify a type of original, or subsequent, transaction. Note: Please see <i>V.I.P System SMS POS (Visa & Visa Electron) Technical Specifications, Volume 1</i> . Note: Populated based on Credit Authorization.
Processing Code Positions: 74-79 Length: 6 Format: alphanumeric	Description: Code used to identify the type of transaction (positions 1 and 2). Note: Please see <i>V.I.P System SMS POS (Visa & Visa Electron) Technical Specifications, Volume 1</i> for a list of values. Note: Populated based on Credit Authorization.
Network ID Positions: 80-83 Length: 4 Format: alphanumeric	Description: Contains a code that specifies the network used for transmission of the transaction. Note: Please see <i>V.I.P System SMS POS (Visa & Visa Electron) Technical Specifications, Volume 1</i> .

Additional Data Edit Criteria

Authorization Response Code Positions: 84-85 Length: 2 Format: alphanumeric	Description: The authorization code provided by the issuer when a transaction is approved or a no reason to decline code is provided. Note: Please see <i>V.I.P System SMS POS (Visa & Visa Electron) Technical Specifications, Volume 1</i> . Note: Populated based on Credit Authorization.
Validation Code Positions: 86-89 Length: 4 Format: alphanumeric	Description: A unique value that Visa includes as part of authorization response to ensure that key authorization fields are preserved in the clearing record. Note: Space-filled for credits.
Market-Specific Authorization Data Indicator Positions: 90 Length: 1 Format: alphanumeric	Description: Code indicating the industry for which market-specific authorization data was included in the transaction. B = Valid Bill Payment Market-Specific Authorization Data received. J = Business to Business Invoice Payment.
Product ID Positions: 91-92 Length: 2 Format: alphanumeric	Description: Product identifier code. Note: Space-filled for credits.
Program ID Positions: 93-98 Length: 6 Format: alphanumeric	Description: Program identifier. Available for US domestic transactions when provided by issuer. Note: Space-filled for credits.
CVV2 Result Code Positions: 99 Length: 1 Format: alphanumeric	Description: Card Verification Value 2 (CVV2) is the verification result for card-not-present transactions and also for card-present CVV2 verification-only requests. Note: Space-filled for credits and cash disbursement transactions. Note: Please see <i>BASE II Clearing Data Codes</i> for a list of valid codes.
Authorization Characteristics Indicator Positions: 100 Length: 1 Format: alphanumeric	Description: Code used by the acquirer to request CPS qualification as returned in the original authorization response. Note: Please see <i>BASE II Clearing Data Codes</i> for a list of valid codes. Note: Populated based on Credit Authorization.
POS Terminal Capability Positions: 101 Length: 1 Format: alphanumeric	Description: Indicates the capability of the point-of-sale (POS) terminal to obtain an authorization and process transaction data. Note: Please see <i>BASE II Clearing Data Codes</i> for a list of valid codes. Note: Populated based on Credit Authorization.

Additional Data Edit Criteria

Cardholder ID Method Positions: 102 Length: 1 Format: alphanumeric	Description: Indicates method used to identify cardholder (e.g., signature or Personal Identification Number [PIN]). Note: Please see <i>BASE II Clearing Data Codes</i> for a list of valid codes. Note: Space-filled for credits.
Request ID Positions: 103-128 Length: 26 Format: alphanumeric	Description: Unique Request Record ID assigned by Visa for each transaction.
Electronic Commerce Goods Indicator Positions: 129-130 Length: 2 Format: alphanumeric	Description: This field indicates the type of goods that were purchased on the Internet. This field is left-justified and space-filled. Note: Please see <i>V.I.P. System SMS POS (Visa & Visa Electron) Technical Specifications, Volume 1</i> for a list of valid values.
Fee Program Indicator Positions: 131-133 Length: 3 Format: alphanumeric	Description: This field contains an interchange reimbursement fee program indicator (FPI). This field is left-justified and space-filled. Note: Please see <i>BASE II Clearing Data Codes</i> for a list of valid codes.
Service Development Field Positions: 134 Length: 1 Format: alphanumeric	Description: Indicates type of commerce. Note: Please see <i>BASE II Clearing Interchange Formats</i> for a list of valid codes.
Account Selection Positions: 135 Length: 1 Format: alphanumeric	Description: Indicates type of account (savings, checking, etc.). Note: Please see <i>V.I.P. System SMS POS (Visa & Visa Electron) Technical Specifications, Volume 1</i> for a list of valid values.
POS Environment Positions: 136 Length: 1 Format: alphanumeric	Description: A recurring transaction indicator, indicating that the cardholder and merchant have agreed to periodic billing for goods and services, such as utility bills, Internet connection, and magazine subscriptions. Note: Please see <i>BASE II Clearing Data Codes</i> for a list of valid codes. Note: Space-filled for credits.
Time of Purchase Positions: 137-140 Length: 4 Format: alphanumeric	Description: Indicates time the purchase was made. The format is HHMM based on Greenwich mean time (GMT). HH = Time in hours (00 to 23) MM = Time in minutes (00 to 59)

Additional Data Edit Criteria

Batch Request ID Positions: 141-166 Length: 26 Format: alphanumeric	Description: This field contains batch request ID.
Spend Qualified Indicator Positions: 167 Length: 1 Format: alphanumeric	Description: This field indicates whether the account is Spend Qualified. Note: Please see <i>BASE II Clearing Data Codes</i> for a list of valid codes.
CAVV Results Code Positions: 168 Length: 1 Format: alphanumeric	Description: This field will contain the CAVV results code from the response message. Note: Please see <i>V.I.P. System SMS POS (Visa & Visa Electron) Technical Specifications, Volume 1</i> .

TC 33.A - CP 01 TCR 2 Billing and Shipping

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 01 TCR 2 - BILLING AND SHIPPING.

CTF - Incoming Interchange

Billing and Shipping Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-64	60	ANS	Bill to Last Name
65-124	60	ANS	Bill to First Name
125-135	11	ANS	Bill to Postal Code
136-155	20	ANS	Ship to Postal Code
156-158	3	ANS	Ship to State/Province Code

Billing and Shipping Record Layout

Position	Field Length	Format	Contents
159-168	10	ANS	Ship from Postal Code

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Billing and Shipping Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value 2 .
Bill to Last Name Positions: 5-64 Length: 60 Format: alphanumeric special character	Description: This field contains billing last name.
Bill to First Name Positions: 65-124 Length: 60 Format: alphanumeric special character	Description: This field contains billing first name.
Bill to Postal Code Positions: 125-135 Length: 11 Format: alphanumeric special character	Description: This field contains billing postal code.

Billing and Shipping Edit Criteria

Ship to Postal Code Positions: 136-155 Length: 20 Format: alphanumeric special character	Description: This field contains postal code of the location the item is being shipped to.
Ship to State/Province Code Positions: 156-158 Length: 3 Format: alphanumeric special character	Description: This field contains shipping state/province code of the location being shipped to.
Ship from Postal Code Positions: 159-168 Length: 10 Format: alphanumeric special character	Description: This field contains shipping from postal code of the location being shipped from.

TC 33.A - CP 01 TCR 3 Billing and Shipping (Cont'd)

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 01 TCR 3 - BILLING AND SHIPPING (CONT'D).

CTF - Incoming Interchange

Billing and Shipping (Cont'd) Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-7	3	AN	Ship to Country Code
8-47	40	ANS	Address Line 1
48-87	40	ANS	Address Line 2
88-137	50	ANS	City

Billing and Shipping (Cont'd) Record Layout

Position	Field Length	Format	Contents
138-157	20	ANS	State
158-160	3	AN	Country Code
161-168	8	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Billing and Shipping (Cont'd) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value 3 .
Ship to Country Code Positions: 5-7 Length: 3 Format: alphanumeric	Description: This field contains the shipping country code.
Address Line 1 Positions: 8-47 Length: 40 Format: alphanumeric special character	Description: This field contains billing address line 1.

Billing and Shipping (Cont'd) Edit Criteria

Address Line 2 Positions: 48-87 Length: 40 Format: alphanumeric special character	Description: This field contains billing address line 2.
City Positions: 88-137 Length: 50 Format: alphanumeric special character	Description: This field contains billing city.
State Positions: 138-157 Length: 20 Format: alphanumeric special character	Description: This field contains billing state.
Billing Country Code Positions: 158-160 Length: 3 Format: alphanumeric	Description: This field will contain the billing country code.
Reserved Positions: 161-168 Length: 8 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 01 TCR 4 Merchant Data

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 01 TCR 4 - MERCHANT DATA.

CTF - Incoming Interchange

Merchant Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier

Merchant Data Record Layout

Position	Field Length	Format	Contents
4	1	AN	Transaction Component Sequence Number
5-29	25	ANS	Merchant Name
30-89	60	ANS	Merchant Street Address
90-102	13	ANS	Merchant City
103-105	3	AN	Merchant State/Province Code
106-119	14	ANS	Merchant Postal Code
120-122	3	AN	Merchant Country Code
123-136	14	ANS	Merchant Telephone Number
137-149	13	ANS	Merchant URL/email
150-153	4	UN	Merchant Category Code
154-163	10	AN	Merchant Verification Value
164-166	3	AN	Region Code
167-168	2	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Merchant Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value 4 .

Merchant Data Edit Criteria

Merchant Name Positions: 5-29 Length: 25 Format: alphanumeric special character	Description: The merchant or member name imprinted on the transaction receipt by the merchant's or member's imprinter plate. It should be the doing business as (DBA) name of the merchant or member and the one most recognizable to cardholders.
Merchant Street Address Positions: 30-89 Length: 60 Format: alphanumeric special character	Description: This field contains merchant street address.
Merchant City Positions: 90-102 Length: 13 Format: alphanumeric special character	Description: The name of the city where the transaction took place.
Merchant State/Province Code Positions: 103-105 Length: 3 Format: alphanumeric	Description: Code designating merchant's state or province code. If the Merchant Country Code is US or CA , this field contains a valid U.S. State Code or Canadian Province Code, respectively. Otherwise, it will contain spaces.
Merchant Postal Code Positions: 106-119 Length: 14 Format: alphanumeric special character	Description: Contains the postal code to identify the merchant location. The entry is alphanumeric and may contain spaces or special characters.
Merchant Country Code Positions: 120-122 Length: 3 Format: alphanumeric	Description: This field will contain the country code of the merchant location where the transaction took place.
Merchant Telephone Number Positions: 123-136 Length: 14 Format: alphanumeric special character	Description: This field contains the merchant or customers service telephone number.

Merchant Data Edit Criteria

Merchant URL/email Positions: 137-149 Length: 13 Format: alphanumeric special character	Description: This field contains merchant URL/email.
Merchant Category Code Positions: 150-153 Length: 4 Format: unpacked numeric	Description: Indicates merchant's type of business product or service. The field contains a valid four-digit numeric Merchant Category Code (MCC). Note: Please see <i>Visa Core Rules</i> and <i>Visa Product and Service Rules</i> or the <i>Visa Merchant Data Standards</i> manuals for a list of valid values.
Merchant Verification Value Positions: 154-163 Length: 10 Format: alphanumeric	Description: The value is assigned by Visa to determine a merchant's eligibility to participate in any special programs.
Region Code Positions: 164-166 Length: 3 Format: alphanumeric	Description: This field will contain the region code for the American Express card acceptor name and location data from Tag 12 in TLV Field 104, Usage 2-Transaction-Specific Data, Dataset ID 66-American Express Data.
Reserved Positions: 167-168 Length: 2 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 01 TCR 5 Installment Payment

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 01 TCR 5 - INSTALLMENT PAYMENT.

CTF - Incoming Interchange

Installment Payment Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier

Installment Payment Record Layout

Position	Field Length	Format	Contents
4	1	AN	Transaction Component Sequence Number
5-16	12	AN	Installment Payment Total Amount
17-19	3	AN	Installment Payment Currency Code
20-22	3	AN	Number of Installments
23-34	12	AN	Amount of Each Installment
35-37	3	AN	Installment Payment Number
38	1	AN	Frequency of Installments
39-40	2	AN	Installment Plan Type
41-45	5	AN	Mastercard Interest Rate
46-57	12	AN	Mastercard Installment Fee
58-62	5	AN	Mastercard Annual Percentage Rate
63-74	12	AN	Mastercard Subsequent Installment Amount
75-76	2	AN	Mastercard Minimum Number of Installments
77-78	2	AN	Mastercard Maximum Number of Installments
79-98	20	ANS	Mastercard Croatia Domestic Card Acceptor Tax ID
99-101	3	AN	Mastercard Greece Grace Period Details
102-107	6	AN	Mastercard Greece First Installment Due Date
108-110	3	AN	Mastercard Greece Financing Currency
111-168	58	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Installment Payment Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value 5 .
Installment Payment Total Amount Positions: 5-16 Length: 12 Format: alphanumeric	Description: The field will contain the total amount of the installment payments.
Installment Payment Currency Code Positions: 17-19 Length: 3 Format: alphanumeric	Description: Indicates an installment payment currency code (ISO numeric value). Note: Please see <i>BASE II Clearing Data Codes</i> for a list of valid codes. Note: Space-filled for credits.
Number of Installments Positions: 20-22 Length: 3 Format: alphanumeric	Description: This field will contain the number of installment payments.
Amount of Each Installments Positions: 23-34 Length: 12 Format: alphanumeric	Description: This field will contain the amount of each installment payment.
Installment Payment Number Positions: 35-37 Length: 3 Format: alphanumeric	Description: This field will contain the Installment Payment Number.

Installment Payment Edit Criteria

Frequency of Installments Positions: 38 Length: 1 Format: alphanumeric	Description: This field will contain the frequency of installment payments. Note: Space-filled for credits.
Installment Plan Type Positions: 39-40 Length: 2 Format: alphanumeric	Description: This field will contain American Express installment plan type values.
Mastercard Interest Rate Positions: 41-45 Length: 5 Format: alphanumeric	Description: This field will contain the Mastercard Global Installments - Issuer-calculated Interest Rate. Mapping: Destination depends on country-specific. F104 U2 DSID 65 T06 => MC DE112 SE 22 pos 3-7 => MC DE112 SE 23 pos 5-9 => MC DE112 SE 09 pos 5-9 (Georgia)
Mastercard Installment Fee Positions: 46-57 Length: 12 Format: alphanumeric	Description: This field will contain the Mastercard Global Installments - Installment Fee. Mapping: Destination depends on country-specific. F104 U2 DSID 65 T06 => MC DE112 SE 22 pos 8-19 => MC DE112 SE 23 pos 10-21
Mastercard Annual Percentage Rate Positions: 58-62 Length: 5 Format: alphanumeric	Description: This field will contain the Mastercard Global Installments - Annual Percentage Rate. Mapping: Destination depends on country-specific. F104 U2 DSID 65 T06 => MC DE112 SE 22 pos 20-24 => MC DE112 SE 23 pos 22-26

Installment Payment Edit Criteria

Mastercard Subsequent Installment Amount Positions: 63-74 Length: 12 Format: alphanumeric	Description: This field will contain the Mastercard Global Installments - Subsequent Installment Amount. Mapping: Destination depends on country-specific. F104 U2 DSID 65 T06 => MC DE112 SE 22 pos 37-48 => MC DE112 SE 09 pos 22-33 (Georgia)
Mastercard Minimum Number of Installments Positions: 75-76 Length: 2 Format: alphanumeric	Description: This field will contain the Mastercard Global Installments - Minimum Number of Installments. Mapping: F104 U2 DSID 65 T06 => MC DE112 SE 23 pos 1-2
Mastercard Maximum Number of Installments Positions: 77-78 Length: 2 Format: alphanumeric	Description: This field will contain the Mastercard Global Installments - Maximum Number of Installments. Mapping: F104 U2 DSID 65 T06 => MC DE112 SE 23 pos 3-4
Mastercard Croatia Domestic Card Acceptor Tax ID Positions: 79-98 Length: 20 Format: alphanumeric special character	Description: This field will contain the Mastercard Global Installments Croatia - Domestic Card Acceptor Tax ID. Mapping: F104 U2 DSID 65 T06 => MC DE112 SE 20 pos 1-20
Mastercard Greece Grace Period Positions: 99-101 Length: 3 Format: alphanumeric	Description: This field will contain the Mastercard Global Installments for Greece - Grace Period. Mapping: F104 U2 DSID 65 T06 => MC DE112 SE 06 pos 5-7
Mastercard Greece First Installment Due Date Positions: 102-107 Length: 6 Format: alphanumeric	Description: This field will contain the Mastercard Global Installments for Greece - First Installment Due Date. Mapping: F104 U2 DSID 65 T06 => MC DE112 SE 08 pos 13-18

Installment Payment Edit Criteria

Mastercard Greece Financing Currency Positions: 108-110 Length: 3 Format: alphanumeric	Description: This field will contain the Mastercard Global Installments for Greece. This is the currency in which the issuer will finance the transaction. Mapping: F104 U2 DSID 65 T06 => MC DE112 SE 08 pos 19-21
Reserved Positions: 111-168 Length: 58 Format: alphanumeric	Description: This field will contain spaces.

TC 33.A - CP 01 TCR 6 Gateway Data

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 01 TCR 6 - GATEWAY DATA.

CTF - Incoming Interchange

Gateway Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-14	10	AN	Time Stamp
15-18	4	AN	Merchant Type Code (all non-Visa brands)
19-21	3	AN	Mastercard POS Entry Mode
22-23	2	AN	Mastercard POS PIN Capture Code
24-49	26	AN	Mastercard/American Express POS Data
50-59	10	AN	Mastercard Date and Time
60-65	6	AN	Mastercard ICA
66-71	6	AN	Mastercard Assigned ID (MAID)
72-73	2	AN	Mastercard Payment Initiation Channel
74-80	7	AN	Mastercard Electronic Commerce Indicators

Gateway Data Record Layout

Position	Field Length	Format	Contents
81-83	3	AN	Mastercard Service Code
84	1	AN	Mastercard Account Number Indicator
85-87	3	AN	Mastercard Product Code
88-90	3	AN	Mastercard Wallet Indicator
91	1	AN	Mastercard Electronic Commerce Indicators - Cardholder Authentication
92-93	2	AN	Mastercard Terminal Compliance Indicator
94	1	AN	Mastercard Mobile Remote Payment Program Indicator
95-105	11	AN	Marketplace Identifier/Payment Facilitator ID
106-116	11	AN	Independent Sales Organization ID
117-131	15	AN	Sub-Merchant ID
132	1	AN	Mastercard Member-defined Data
133-134	2	AN	Mastercard Merchant on-behalf service
135	1	AN	Mastercard Merchant on-behalf results
136-137	2	AN	Mastercard Transaction Integrity Classification
138	1	AN	Mastercard Reason for UCAF Collection Indicator Downgrade
139-140	2	AN	Mastercard E-ID Request Value
141	1	AN	Mastercard MC mPOS Transaction - Scenario
142-168	27	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Gateway Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value 0 .

Gateway Data Edit Criteria

Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value 6 .
Time Stamp Positions: 5-14 Length: 10 Format: alphanumeric	Description: The actual date and time that the request for the authorization was made based on GMT. This field contains the time stamp in the following format: MMDDhhmmss .
Merchant Type Code (all non-Visa brands) Positions: 15-18 Length: 4 Format: alphanumeric	Description: This field contains the Merchant Category Code assigned by non-Visa network.
Mastercard POS Entry Mode Positions: 19-21 Length: 3 Format: alphanumeric	Description: This field is part of the data contained in ISO Field 116-Card Issuer Reference Data of the authorization response. This value is returned in Data Element (DE) 22 of the Mastercard response message and should be used in the Mastercard Clearing record. Note: Space-filled for credits. Note: Mapping: Field 116-Card Issuer Reference Data, DSID 67, T01 => MC CIS DE 22
Mastercard POS PIN Capture Code Positions: 22-23 Length: 2 Format: alphanumeric	Description: This field is part of the data contained in ISO Field 116-Card Issuer Reference Data of the authorization response. This value is returned in Data Element (DE) 26 of the Mastercard response message and should be used in the Mastercard Clearing record. Note: Space-filled for credits. Note: Mapping: Field 116-Card Issuer Reference Data, DSID 67, T02 => MC CIS DE 26

Gateway Data Edit Criteria

Mastercard/American Express POS Data Positions: 24-49 Length: 26 Format: alphanumeric	Description: This field is part of the data contained in ISO Field 116-Card Issuer Reference Data of the authorization response. <u>For Mastercard transactions</u> This value is returned in Data Element (DE) 61 of the Mastercard response message and should be used in the Mastercard Clearing record. (Mastercard length = variable, up to 26 bytes.) or <u>For American Express transactions</u> This value is returned in (Data Field) DF 22 of the American Express response message and should be used in the American Express Clearing record. (American Express maximum length =12 bytes). Note: Space-filled for credits. Mapping: Field 116-Card Issuer Reference Data, DSID 67, T03 => MC CIS DE61 Field 116-Card Issuer Reference Data, DSID 66, T01 => AMEX DF 22
Mastercard Date and Time Positions: 50-59 Length: 10 Format: alphanumeric	Description: This field is part of the data contained in ISO Field 116-Card Issuer Reference Data of the authorization response. This field contains data from Mastercard DE 48.15. Format: MMDDhhmmss This field should be used in the Mastercard Clearing record. Note: Space-filled for credits and non-Automated Fuel Dispenser (AFD) transactions. Mapping: Field 116-Card Issuer Reference Data, DSID 67, T04 => MC DE 48.15.
Mastercard ICA Positions: 60-65 Length: 6 Format: alphanumeric	Description: This field contains the Mastercard ICA value provided by the acquirer.
Mastercard Assigned ID (MAID) Positions: 66-71 Length: 6 Format: alphanumeric	Description: This field contains the Mastercard Assigned ID (MAID).
Mastercard Payment Initiation Channel Positions: 72-73 Length: 2 Format: alphanumeric	Description: This field contains Mastercard Payment Initiation Channel values. Note: Mapping: Field 104 DS65 T04 => MC DE48 SE23

Gateway Data Edit Criteria

Mastercard Electronic Commerce Indicators Positions: 74-80 Length: 7 Format: alphanumeric	Description: This field contains Mastercard Electronic Commerce Indicator values. Note: Mapping: Field 116-Card Issuer Reference Data, DS67 T05 SF1 => MC DE48 SE42 SF1
Mastercard Service Code Positions: 81-83 Length: 3 Format: alphanumeric	Description: This field contains Mastercard Service Code values from the track in the magnetic stripe.
Mastercard Account Number Indicator Positions: 84 Length: 1 Format: alphanumeric	Description: This field will contain a Mastercard Account Number Indicator value. Note: Mapping: Field 104 DS65 TOF => MC DE48 SE33 SF1
Mastercard Product Code Positions: 85-87 Length: 3 Format: alphanumeric	Description: This field will contain a Mastercard Product Code value. Note: Mapping: Field 62.17 POS (5-7) => Mastercard DE63.1
Mastercard Wallet Indicator Positions: 88-90 Length: 3 Format: alphanumeric	Description: This field will contain a Mastercard Wallet Indicator value.
Mastercard Electronic Commerce Indicators - Cardholder Authentication Positions: 91 Length: 1 Format: alphanumeric	Description: This field contains the Cardholder Authentication Indicator. Value: 4 = Tokenized PAN in F2. Note: Should be used only when a Digital Secure Remote Payment Transaction occurred. Mapping: Field 104 DS65 T15 => MC DE48.42.1 (Electronic Commerce Security Level Indicator and UCAF Collection Indicator) position 3. (UCAF Collection Indicator)
Mastercard Terminal Compliance Indicator Positions: 92-93 Length: 2 Format: alphanumeric	Description: This field contains terminal compliance indicator for India. Values: 1 = Not Certified 2 = Certified Note: Mapping: Field 104 DS65 T19 => MC DE48 SE65 SF1&2

Gateway Data Edit Criteria

Mastercard Mobile Remote Payment Program Indicator Positions: 94 Length: 1 Format: alphanumeric	Description: This field contains the Mobile Remote Payment Transaction Type. Values: 1 = Remote Purchase (Consumer Initiated) - Face-to-Face 2 = Remote Purchase (Consumer Initiated) - E-Commerce 3 = Remote Purchase (Consumer Initiated) - MOTO 4 = Bill Pay (Consumer Initiated) 5 = Top-Up (Consumer Initiated) 6 = Cash-Out (Consumer Initiated) 7 = Cash-Out (ATM/Agent Triggered) 8 = Remote Purchase (Merchant Triggered) - Face-to-Face 9 = Remote Purchase (Merchant Triggered) - E-Commerce Note: Mapping: Field 104 DS65 T20 => MC DE48 SE48 SF2
Marketplace Identifier/Payment Facilitator ID Positions: 95-105 Length: 11 Format: alphanumeric	Description: This field contains the Marketplace Identifier/Payment Facilitator ID. Note: Mapping: Field 104 DS65 T21 SF1 => MC DE48 SE37 SF1
Independent Sales Organization ID Positions: 106-116 Length: 11 Format: alphanumeric	Description: This field contains Independent Sales Organization ID. Note: Mapping: Field 104 DS65 T21 SF2 => MC DE48 SE37 SF2
Sub-Merchant ID Positions: 117-131 Length: 15 Format: alphanumeric	Description: This field contains the Sub-Merchant ID. Note: Mapping: Field 104 DS65 T21 SF3 => MC DE48 SE37 SF3
Mastercard Member-defined Data Positions: 132 Length: 1 Format: alphanumeric	Description: This field will contain one of these values to indicate the transaction qualifies for a government program. Which Map to Mastercard Data Element DE 48, Sub element 17: <ul style="list-style-type: none"> 1 (Transaction qualified for Authentication Service Type 1) 2 (Transaction qualified for Authentication Service Type 2) Note: Mapping: Field 104 DS65 T22 => MC DE48 SE17

Gateway Data Edit Criteria

Mastercard Merchant on-behalf service Positions: 133-134 Length: 2 Format: alphanumeric	Description: This field will contain a fixed value of 53 . Note: Mapping: Field 104 DS65 T23 pos 1-2 => MC DE48 SE51 SF 1
Mastercard Merchant on-behalf results Positions: 135 Length: 1 Format: alphanumeric	Description: This field will contain the Merchant on-behalf results. Values. <ul style="list-style-type: none">• C (Service completed successfully)• F (Incorrect POS entry mode code (not equal to 81) for an authorization or reversal message)• F (Incorrect POS entry mode (not equal to 01), for authorization request of token request and token requestor card on file transactions)• F (Token Requestor ID required based on the token requestor ID validation bypass parameter, not present or not formatted incorrectly)• I (Token requestor ID invalid)• I (Token suspended or deactivated)• I (Token invalid, not found on mapping table)• T (Token requestor ID/Token combination invalid)• U (Unable to process - token expired)• W (PAN listed in the electronic warning bulletin) Note: Mapping: Field 104 DS65 T23 pos 3 => MC DE48 SE51 SF 2

Gateway Data Edit Criteria

Mastercard Transaction Integrity Classification Positions: 136-137 Length: 2 Format: alphanumeric	Description: This field will contain one of these values for card and cardholder present transactions: <ul style="list-style-type: none">• A1 (EMV/Token in a secure, trusted environment)• B1 (EVM/Chip equivalent)• C1 (Mag stripe)• E1 (Key entered)• U0 (Unclassified) This field will contain one of these values for card and/or cardholder not present transactions: <ul style="list-style-type: none">• A2 (Digital transactions)• B2 (Authenticated checkout)• C2 (Transaction validation)• D2 (Enhanced data)• E2 (Generic messaging)• U0 (Unclassified) Note: The value in this field comes from the 0110 response from Mastercard. Mapping: Field 104 DS65 T28 => MC DE48 SE52
Mastercard Reason for UCAF Collection Indicator Downgrade Positions: 138 Length: 1 Format: alphanumeric	Description: This field will contain an indicator for Mastercard SecureCode e-commerce transactions when the transaction was downgraded because of a missing or invalid universal cardholder authentication field (UCAF). Values: <ul style="list-style-type: none">• 0 (Missing UCAF)• 1 (Invalid UCAF)• Space (Not applicable) Note: Mapping: F116 DS67 T05 SF3=>MC DE48 SE42 SF3
Mastercard E-ID Request Value Positions: 139-140 Length: 2 Format: alphanumeric	Description: This field will contain the E-ID provided by the issuer for card-not-present transactions in Poland. Mapping: F104 DSID 65 T35 => MC DE 48 SE 53 SF1

Gateway Data Edit Criteria

Mastercard MC mPOS Transaction - Scenario Positions: 141 Length: 1 Format: alphanumeric	Description: This field contains the Mastercard MC mPOS Transaction - Scenario. Mapping: F104 DSID 65 T36 => MC DE 48 SE 21
Reserved Positions: 142-168 Length: 27 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 01 TCR 7 Gateway Data (Cont'd)

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 01 TCR 7 - GATEWAY DATA (CONT'D).

CTF - Incoming Interchange

Gateway Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5	1	AN	UCAF Status - UCAF Collection Indicator
6-34	29	AN	Diners/Discover Network Information
35-80	46	AN	Diners/Discover Transaction Qualifier
81-95	15	AN	Gateway Transaction Identifier
96-99	4	AN	Response Data - Merchant Advice Code
100-112	13	AN	MC/AMEX/Discover Data Codes
113	1	AN	MC AVV Verification - Program Protocol
114-149	36	AN	Mastercard AVV Verification Directory Server Transaction ID
150-151	2	AN	Transit Transaction Type Indicator

Gateway Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
152-153	2	AN	Transportation Mode Indicator
154-168	15	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Gateway Data (Cont'd) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value 7 .
UCAF Status-UCAF Collection Indicator Positions: 5 Length: 1 Format: alphanumeric	Description: This field contains an e-commerce indicator that Mastercard Universal Cardholder Authentication Field (UCAF) data is included in the message. Note: Space-filled for credits. Note: Mapping: Field 126.15 => MC DE48 SE42 SF1 Pos 3
Diners/Discover Network Information Positions: 6-34 Length: 29 Format: alphanumeric	Description: This field is part of the data contained in ISO Field 116-Card Issuer Reference Data, DSID 68 Tag 01, of the authorization response. This value is returned in field 48 of the response message and is to be used in the Diners/Discover clearing record. Diners/Discover length = variable, up to 29 bytes. Note: Space-filled for credits.

Gateway Data (Cont'd) Edit Criteria

Diners/Discover Transaction Qualifier Positions: 35-80 Length: 46 Format: alphanumeric	Description: This field is part of the data contained in ISO Field 116-Card Issuer Reference Data, DSID 68 Tag 02, of the authorization response. This value is returned in field 124 of the response message and is to be used in the Diners/Discover clearing record. Diners/Discover length = variable, up to 46 bytes. Note: Space-filled for credits.
Gateway Transaction Identifier Positions: 81-95 Length: 15 Format: alphanumeric	Description: Transaction identifier assigned by Gateway Network (Field 62.17). American Express: Field 31 data. Mastercard: Value in this field is defined by the network. Note: Space-filled for credits. Mapping: Field 62.17 => MC DE63.1 Financial Network Code Field 62.17 => AMEX Field 31
Response Data-Merchant Advice Code Positions: 96-99 Length: 4 Format: alphanumeric	Description: Merchant Advice Code received from Mastercard. This field contains the merchant advice code value received from Mastercard authorization response message. Note: Space-filled for credits. Mapping: Field 44.14 => MC DE48 SE84
MC/AMEX/Discover Data Codes Positions: 100-112 Length: 13 Format: alphanumeric	Description: This field contains a value that describes the system from which the credit or refund was constructed. <ul style="list-style-type: none"> For Mastercard, it is used to populate the Mastercard clearing record for DE-22-(POS-Entry-Mode). For Discover, it is used to populate the Discover clearing record for Field-22-Point-of-Service-Entry-Mode-Code. For AMEX, it is used to populate the AMEX clearing record TAB-(Transaction Advice Basic) DF 22 (POS Data Code).
MC AVV Verification - Program Protocol Positions: 113 Length: 1 Format: alphanumeric	Description: This field contains the MC AVV Verification - Program Protocol. Mapping: F104 U2 DS65 T37 POS 1 => MC DE 48 SE 21 (pos 1)
Mastercard AVV Verification - Directory Server Transaction ID Positions: 114-149 Length: 36 Format: alphanumeric	Description: This field contains the MC AVV Verification - Directory Server Transaction ID. Mapping: F104 U2 DS65 T37 POS 2-37 => MC DE 48 SE 21 (pos 2-37)

Gateway Data (Cont'd) Edit Criteria

Transit Transaction Type Indicator Positions: 150-151 Length: 2 Format: alphanumeric	Description: This field will contain the transit transaction type indicator.
Transportation Mode Indicator Positions: 152-153 Length: 2 Format: alphanumeric	Description: This field will contain the transportation mode indicator.
Reserved Positions: 154-168 Length: 15 Format: alphanumeric	Description: This field is reserved for future use.

TC 33.A - CP 01 TCR 8 Supplemental Data

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 01 TCR 8 - SUPPLEMENTAL DATA.

CTF - Incoming Interchange

Supplemental Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-12	8	AN	Surcharge Amount
13	1	AN	Surcharge Credit/Debit Indicator
14	1	AN	Dynamic Currency Conversion (CCC) Indicator
15-23	9	AN	Cashback Amount
24-38	15	AN	Acquirer Merchant ID
39-40	2	AN	Token Assurance Level

Supplemental Data Record Layout

Position	Field Length	Format	Contents
41-51	11	AN	Token Requestor ID
52-70	19	AN	PAN Account Range
71	1	AN	Regulated/Non-Regulated Status
72-76	5	AN	Agent Unique ID
77-78	2	AN	CAVV Version and Authentication Action
79-107	29	AN	Payment Account Reference Number (PAR)
108-109	2	AN	Business Application Identifier (BAI)
110-124	15	AN	Merchant Tax ID
125	1	AN	Special Condition Indicator
126	1	AN	Low Value Exemption Indicator
127	1	AN	Transaction Risk Analysis Exemption Indicator
128	1	AN	Trusted Merchant Exemption Indicator
129	1	AN	Secure Corporate Payment Indicator
130-161	32	ANS	Mastercard UCAF Data
162-168	7	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value of 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value of 0 .

Edit Criteria

Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value of 8 .
Surcharge Amount Positions: 5-12 Length: 8 Format: alphanumeric	Description: This field will contain an acquirer-assessed transaction surcharge for informational purposes only.
Surcharge Credit/Debit Indicator Positions: 13 Length: 1 Format: alphanumeric	Description: When the Surcharge Amount field is used, this field indicates whether the charge is a debit or a credit. Values: <ul style="list-style-type: none"> • C (Credit) • D (Debit) • Space (Not used)
Dynamic Currency Conversion (CCC) Indicator Positions: 14 Length: 1 Format: alphanumeric	Description: This field will contain a value that indicates whether currency conversion has been applied. Values: 1 (Dynamic Currency Conversion performed) Space (Dynamic Currency Conversion not performed)
Cashback Amount Positions: 15-23 Length: 9 Format: alphanumeric	Description: This field will contain the cashback amount submitted in the authorization request.
Acquirer Merchant ID Positions: 24-38 Length: 15 Format: alphanumeric	Description: This field contains the Merchant ID assigned by the acquirer.
Token Assurance Level Positions: 39-40 Length: 2 Format: alphanumeric	Description: This field contains the Token Assurance Level values.
Token Requestor ID Positions: 41-51 Length: 11 Format: alphanumeric	Description: This field contains the Token Requestor ID values.

Edit Criteria

PAN Account Range Positions: 52-70 Length: 19 Format: alphanumeric	Description: This field contains the PAN Account Range values.
Regulated/Non-Regulated Status Positions: 71 Length: 1 Format: alphanumeric	Description: This field contains the Regulated/Non-Regulated Status values.
Agent Unique ID Positions: 72-76 Length: 5 Format: alphanumeric	Description: This field will contain the Visa Checkout Indicator "VCIND".
CAVV Version and Authentication Action Positions: 77-78 Length: 2 Format: alphanumeric	Description: This field will contain the CAVV Version and Authentication Action, as indicated in V.I.P. Field 126.9, Usage 3-#D Secure CAVV revised format, position 7.
Payment Account Reference Number (PAR) Positions: 79-107 Length: 29 Format: alphanumeric	Description: This field will contain the payment account reference value, generated by VisaNet.
Business Application Identifier (BAI) Positions: 108-109 Length: 2 Format: alphanumeric	Description: This field must contain a value Business Application Identifier (BAI) or spaces.
Merchant Tax ID Positions: 110-124 Length: 15 Format: alphanumeric	Description: This field contains the Merchant Tax ID for countries which mandate it in clearing.
Special Condition Indicator Positions: 125 Length: 1 Format: alphanumeric	Description: This field will contain a value of 9 indicating "Payment on a Debt".

Edit Criteria

Low Value Exemption Indicator Positions: 126 Length: 1 Format: alphanumeric	Description: This field contains the Low Value Exemption Indicator. Mapping: F34 DSID 56 T9F7C
Transaction Risk Analysis Exemption Indicator Positions: 127 Length: 1 Format: alphanumeric	Description: This field contains the Transaction Risk Analysis Exemption Indicator. Mapping: F34 DSID 56 T9F7D
Trusted Merchant Exemption Indicator Positions: 128 Length: 1 Format: alphanumeric	Description: This field contains the Trusted Merchant Exemption Indicator. Mapping: F34 DSID 56 T9F7E
Secure Corporate Payment Indicator Positions: 129 Length: 1 Format: alphanumeric	Description: This field contains the Secure Corporate Payment Indicator. Mapping: F34 DSID 56 T9F7F
Mastercard UCAF Data Positions: 130-161 Length: 32 Format: alphanumeric special character	Description: This field will contain the Mastercard Universal Cardholder Authentication (UCAF) data. Mapping: Field 126.16 => DE48 SF43
Reserved Positions: 162-168 Length: 7 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 01 TCR 9 Intra-Country Data - Japan National Data

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 01 TCR 9 - INTRA-COUNTRY DATA - JAPAN NATIONAL DATA.

Intra-Country Data-Japan National Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-7	3	AN	Country Code
8	1	AN	Number of Bonus Payments
9	1	AN	Bonus Month Sign
10-13	4	AN	Bonus Amount
14-16	3	AN	Number of Installment Payments
17-18	2	AN	Payment Mode
19-26	8	AN	Net Sales Amount
27-34	8	AN	Tax and Mailing Charge
35-51	17	AN	Sales Draft Reference Number
52-66	15	AN	Acquiring Bank/Merchant Number
67-89	23	AN	Merchant Name-Katakana
90-129	40	AN	Merchant Name-Kanji
130-168	39	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Intra-Country Data-Japan National Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value of 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value of 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value of 9 .
Country Code Positions: 5-7 Length: 3 Format: alphanumeric	Description: This field will contain the ISO country code value of 392 (Japan).
Number of Bonus Payments Positions: 8 Length: 1 Format: alphanumeric	Description: This field will contain the number of lump sum bonus payments that the cardholder will make. Note: For valid values, see <i>BASE II Clearing Data Codes</i> .
Bonus Month Sign Positions: 9 Length: 1 Format: alphanumeric	Description: This field will contain the number of lump sum bonus payments that the cardholder will make. Note: For valid values, see <i>BASE II Clearing Data Codes</i> .
Bonus Amount Positions: 10-13 Length: 4 Format: alphanumeric	Description: This field will contain the add-on amount the cardholder will pay as a bonus payment in Yen 1000.
Number of Installment Payments Positions: 14-16 Length: 3 Format: alphanumeric	Description: This field will contain the number of installment payments.

Intra-Country Data-Japan National Data Edit Criteria

Payment Mode Positions: 17-18 Length: 2 Format: alphanumeric	Description: This field will contain a code indicating the type of installment payments. Note: For valid values, see <i>BASE II Clearing Data Codes</i> .
Net Sales Amount Positions: 19-26 Length: 8 Format: alphanumeric	Description: This field will contain the sales amount of the goods and services before tax and mailing charges.
Tax and Mailing Charge Positions: 27-34 Length: 8 Format: alphanumeric	Description: This field will contain the amount of tax and mailing charges for the transaction.
Sales Draft Reference Number Positions: 35-51 Length: 17 Format: alphanumeric	Description: This field will contain a reference number for the sales draft.
Acquiring Bank/Merchant Number Positions: 52-66 Length: 15 Format: alphanumeric	Description: This field will contain an identifying number for the acquiring bank/merchant.
Merchant Name-Katakana Positions: 67-89 Length: 23 Format: alphanumeric	Description: This field will contain the merchant's name in single-byte characters. This field is EBCDIC-K encoded (Codepage: IBM290 (60290)).
Merchant Name-Kanji Positions: 90-129 Length: 40 Format: alphanumeric	Description: This field will contain the merchant's name in double-byte characters. This field is double-byte DBCS-Host encoded (Codepage: IBM939 DBCS).
Reserved Positions: 130-168 Length: 39 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 01 TCR 9 Intra-Country Data - South Africa National Data

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 01 TCR 9 - INTRA-COUNTRY DATA - SOUTH AFRICA NATIONAL DATA.

CTF - Incoming Interchange

Intra-Country Data - South Africa National Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-7	3	AN	Country Code
8-9	2	AN	Budget
10-168	159	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Intra-Country Data-South Africa National Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value of 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value of 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value of 9 .

Intra-Country Data-South Africa National Data Edit Criteria

Country Code Positions: 5-7 Length: 3 Format: alphanumeric	Description: This field will contain the ISO country code value of 710 (South Africa).
Budget Positions: 8-9 Length: 2 Format: alphanumeric	Description: This field will contain the number of monthly installment payments.
Reserved Positions: 10-168 Length: 159 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 01 TCR 9 Intra-Country Data - Colombia National Data

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 01 TCR 9 - INTRA-COUNTRY DATA - COLOMBIA NATIONAL DATA.

CTF - Incoming Interchange

Intra-Country Data-Colombia National Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-7	3	AN	Country Code
8-130	123	AN	National Net Domestic Token Data
131-168	38	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Intra-Country Data-Columbia National Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value of 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value of 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value of 9 .
Country Code Positions: 5-7 Length: 3 Format: alphanumeric	Description: This field contains the country code 170 for Colombia.
National Net Domestic Token Data Positions: 8-130 Length: 123 Format: alphanumeric	Description: This field contains the National Net Domestic Private Data ("Token" in Colombian processing terminology).
Reserved Positions: 131-168 Length: 38 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 01 TCR 9 Intra-Country Data - Brazil National Data

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 01 TCR 9 - INTRA-COUNTRY DATA - BRAZIL NATIONAL DATA.

CTF - Incoming Interchange

Intra-Country Data - Brazil National Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-7	3	AN	Country Code
8-19	12	N	Total Amount
20-22	3	AN	Currency Code
23-25	3	AN	Number of Installments
26-37	12	N	Amount of Each Installment
38-40	3	N	Installment Payment Number
41	1	AN	Frequency of Installments
42-47	6	AN	Date of First Installment
48-59	12	N	Total Amount Funded
60-63	4	N	Percent of Amount Requested
64-75	12	N	Total Expenses
76-79	4	N	Percent of Total Expense
80-91	12	N	Total Fees
92-95	4	N	Percent of Total Fees
96-107	12	N	Total Taxes
108-111	4	N	Percent of Total Taxes
112-123	12	N	Total Insurance
124-127	4	N	Percent of Total Insurance
128-139	12	N	Total Other Costs
140-143	4	N	Percent of Total Other Costs
144-150	7	N	Monthly Interest Rate
151-157	7	N	Annual Interest Rate
158-164	7	N	Annual Total Cost of Financing
165	1	AN	Installment Payment Type

Intra-Country Data - Brazil National Data Record Layout

Position	Field Length	Format	Contents
166-168	3	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Intra-Country Data-Brazil National Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field will contain the value of 9 .
Country Code Positions: 5-7 Length: 3 Format: alphanumeric	Description: This field will contain the country code 986 .
Total Amount Positions: 8-19 Length: 12 Format: numeric	Description: This field will contain the total amount.
Currency Code Positions: 20-22 Length: 3 Format: alphanumeric	Description: This field will contain the currency code.

Intra-Country Data-Brazil National Data Edit Criteria

Number of Installments Positions: 23-25 Length: 3 Format: alphanumeric	Description: This field will contain the number of installments.
Amount of each Installment Positions: 26-37 Length: 12 Format: numeric	Description: This field will contain the amount of each installment. Note: Two decimals are implied.
Installment Payment Number Positions: 38-40 Length: 3 Format: numeric	Description: This field will contain the installment payment number.
Frequency of Installments Positions: 41 Length: 1 Format: alphanumeric	Description: This field will contain the frequency of installments. Values: B = Bi-weekly M = Monthly W = Weekly Space = Not Applicable Note: For Crediarior Installment Payment, the value must be M .
Date of First Installment Positions: 42-47 Length: 6 Format: alphanumeric	Description: This field will contain the date of the first installment. Note: Format YYMMDD .
Total Amount Funded Positions: 48-59 Length: 12 Format: numeric	Description: This field will contain the total amount funded. Note: Two decimals are implied.
Percent of Amount Requested Positions: 60-63 Length: 4 Format: numeric	Description: This field will contain the percent of amount requested. Note: One decimal is implied.
Total Expenses Positions: 64-75 Length: 12 Format: numeric	Description: This field will contain the total expenses. Note: Two decimals are implied.

Intra-Country Data-Brazil National Data Edit Criteria

Percent of Total Expenses Positions: 76-79 Length: 4 Format: numeric	Description: This field will contain the percent of total expenses. Note: One decimal is implied.
Total Fees Positions: 80-91 Length: 12 Format: numeric	Description: This field will contain the total fees. Note: Two decimals are implied.
Percent of Total Fees Positions: 92-95 Length: 4 Format: numeric	Description: This field will contain the percent of total fees. Note: One decimal is implied.
Total Taxes Positions: 96-107 Length: 12 Format: numeric	Description: This field will contain the total taxes. Note: Two decimals are implied.
Percent of Total Taxes Positions: 108-111 Length: 4 Format: numeric	Description: This field will contain the percent of total taxes. Note: One decimal is implied.
Total Insurance Positions: 112-123 Length: 12 Format: numeric	Description: This field will contain the total insurance. Note: Two decimals are implied.
Percent of Total Insurance Positions: 124-127 Length: 4 Format: numeric	Description: This field will contain the percent of total insurance. Note: One decimal is implied.
Total Other Costs Positions: 128-139 Length: 12 Format: numeric	Description: This field will contain the total other costs. Note: Two decimals are implied.

Intra-Country Data-Brazil National Data Edit Criteria

Percent of Total Other Costs Positions: 140-143 Length: 4 Format: numeric	Description: This field will contain the percent of total other costs. Note: One decimal is implied.
Monthly Interest Rate Positions: 144-150 Length: 7 Format: numeric	Description: This field will contain the monthly interest rate. Note: Two decimals are implied.
Annual Interest Rate Positions: 151-157 Length: 7 Format: numeric	Description: This field will contain the annual interest rate. Note: Two decimals are implied.
Annual Total Cost of Financing Positions: 158-164 Length: 7 Format: numeric	Description: This field will contain the annual total cost of financing. Note: Two decimals are implied.
Installment Payment Type Positions: 165 Length: 1 Format: alphanumeric	Description: This field will contain the installment payment type. Value: 5 = Crediario
Reserved Positions: 166-168 Length: 3 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 01 TCR 9 Intra- Country Data - Mexico National Data

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 01 TCR 9 - INTRA-COUNTRY DATA - MEXICO NATIONAL DATA.

Intra-Country Data-Mexico National Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-7	3	AN	Country Code
8-13	6	AN	Original Authorization Code
14-168	155	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Intra-Country Data-Mexico National Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain a 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the Transaction Qualifier 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the Transaction Component Sequence Number 9 .

Intra-Country Data-Mexico National Data Edit Criteria

Country Code Positions: 5-7 Length: 3 Format: alphanumeric	Description: This field contains the ISO Country Code 484 .
Original Authorization Code Positions: 8-13 Length: 6 Format: alphanumeric	Description: This field contains the authorization code of Original Purchase (Field 38), when processing credits and or refunds.
Reserved Positions: 14-168 Length: 155 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 01 TCR A Currency Conversion

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 01 TCR A - CURRENCY CONVERSION (CC).

Currency Conversion Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-64	60	AN	Currency Conversion - Reference Identifier Number
65-82	18	AN	Currency Conversion - Original Price Amount
83-84	2	AN	Currency Conversion - Original Decimal Positions Indicator
85-87	3	AN	Currency Conversion - Original Price Currency Code
88-103	16	AN	Currency Conversion - FX Rate: Currency Conversion Rate
104-113	10	AN	Currency Conversion - Currency Conversion Timestamp

Currency Conversion Record Layout

Position	Field Length	Format	Contents
114-168	55	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Currency Conversion Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value of 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value of 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value of A .
Currency Conversion - Reference Identifier Number Positions: 5-64 Length: 60 Format: alphanumeric	Description: This field is a unique alphanumeric identifier generated by the provider of the currency conversion services and may be used for reconciliation purposes.
Currency Conversion - Original Price Amount Positions: 65-82 Length: 18 Format: alphanumeric	Description: This field will contain the amount of this transaction in the merchant's original pricing currency, as provided by the merchant.
Currency Conversion - Original Decimal Positions Indicator Positions: 83-84 Length: 2 Format: alphanumeric	Description: This field will contain the number of decimal places for the amount of this transaction represented in the merchant's original pricing currency, as provided by the merchant.

Currency Conversion Edit Criteria

Currency Conversion - Original Price Currency Code Positions: 85-87 Length: 3 Format: alphanumeric	Description: This field will contain the 3-digit numeric currency code for the amount of this transaction represented in the merchant's original pricing currency, as provided by the merchant.
Currency Conversion - FX Rate: Currency Conversion Rate Positions: 88-103 Length: 16 Format: alphanumeric	Description: This field will contain the currency exchange rate applied during currency conversion prior to the authorization. This value is always 7 decimals implied format (9+7=16AN).
Currency Conversion - Currency Conversion Timestamp Positions: 104-113 Length: 10 Format: alphanumeric	Description: This field will contain the timestamp of the currency exchange rate offered and applied during currency conversion prior to the authorization. This value is in MMDDHHmmss format.
Reserved Positions: 114-168 Length: 55 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 01 TCR B Gateway Data (Cont'd)

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 01 TCR B - GATEWAY DATA (CONT'D).

Gateway Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-24	20	AN	American Express Seller Telephone Number
25-64	40	ANS	American Express Seller Email Address

Gateway Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
65-84	20	AN	American Express Seller ID
85	1	AN	American Express Last 4 PAN Return Indicator
86-108	23	AN	American Express PAN, Extended
109-146	38	ANS	American Express Seller Name
147-168	22	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Gateway Data (Cont'd) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value of 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value of 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value of B .
American Express Seller Telephone Number Positions: 5-24 Length: 20 Format: alphanumeric	Description: This field will contain the seller telephone number. Note: Mapping: Field 104 DS66 T06 => AMEX DF43 — Telephone Number
American Express Seller Email Address Positions: 25-64 Length: 40 Format: alphanumeric special character	Description: This field will contain the seller email address. Note: Mapping: Field 104 DS66 T07 => AMEX DF43 — E-Mail Address

Gateway Data (Cont'd) Edit Criteria

American Express Seller ID Positions: 65-84 Length: 20 Format: alphanumeric	Description: This field will contain the seller ID. Note: Mapping: Field 104 DS66 T0C => AMEX DF60 (National Use Data) Subfield 2 (Seller ID)
American Express Last 4 PAN Return Indicator Positions: 85 Length: 1 Format: alphanumeric	Description: This field will contain an indicator to announce the presence in the transaction record of the last 4 digits of the AMEX account number. Note: Mapping: Field 104 DS66 T0D => AMEX DF60 SF6
American Express PAN, Extended Positions: 86-108 Length: 23 Format: alphanumeric	Description: This field will contain the expiration date and PAN in the 0110 authorization response message that will be formatted as follows: Positions 1-2, will contain the mm (Month) Positions 3-4, will contain the yy (Year) Positions 5-23, will contain the actual PAN Note: Mapping: Field 104 DS66 T11 => AMEX DF34
American Express Seller Name Positions: 109-146 Length: 38 Format: alphanumeric special character	Description: This field will contain the seller name for the American Express card acceptor name and location data from Tag 12 in TLV Field 104, Usage 2—Transaction-Specific Data, Dataset ID 66—American Express Data. Note: Mapping: F104 DS66 T12 SF1 => AMEX DF43
Reserved Positions: 147-168 Length: 22 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 02 TCR 0 EMV Data

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 02 TCR 0 - EMV DATA.

CTF - Incoming Interchange

EMV Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-20	4	AN	TC 33 Application Code
21-35	15	AN	Message Identifier
36-37	2	AN	Transaction Type
38-40	3	AN	Card Sequence Number
41-46	6	AN	Terminal Transaction Date
47-52	6	AN	Terminal Capability Profile
53-55	3	AN	Terminal Country Code
56-63	8	AN	Unpredictable Number
64-67	4	AN	Application Transaction Counter
68-71	4	AN	Application Interchange Profile
72-87	16	AN	Application Cryptogram
88-97	10	AN	Terminal Verification Results
98-109	12	AN	Amount, Authorized
110-117	8	AN	Form Factor Indicator
118-168	51	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

EMV Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value 0 .
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which the BASE II transaction message is sent. This field will contain a valid acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: This field contains the Visa internal identifier of the VIC.
TC 33 Application Code Positions: 17-20 Length: 4 Format: alphanumeric	Description: This TCR group code identifies a group of related Transaction Component Records (TCR 0 through TCR E). This field has a static value of CP02 .
Message Identifier Positions: 21-35 Length: 15 Format: alphanumeric	Description: A unique message identifier that links a specific capture record among multiple capture records being submitted for a single transaction. All capture records within the same file linked to a single authorization request contain the same message identifier. The same message identifier can be assigned to other related capture records located in additional TCR groups identified by TC 33 Application codes (CP01 through CP 50).
Transaction Type Positions: 36-37 Length: 2 Format: alphanumeric	Description: This field contains an EMV Transaction Type tag 9C .

EMV Data Edit Criteria

Card Sequence Number Positions: 38-40 Length: 3 Format: alphanumeric	Description: This field contains an EMV Card Sequence Number tag 5F34 .
Terminal Transaction Date Positions: 41-46 Length: 6 Format: alphanumeric	Description: This field contains an EMV Terminal Transaction Date tag 9A .
Terminal Capability Profile Positions: 47-52 Length: 6 Format: alphanumeric	Description: This field contains an EMV Terminal Capability Profile tag 9F33 .
Terminal Country Code Positions: 53-55 Length: 3 Format: alphanumeric	Description: This field contains an EMV Terminal Country Code tag 9F1A .
Unpredictable Number Positions: 56-63 Length: 8 Format: alphanumeric	Description: This field contains an EMV Unpredictable Number tag 9F37 .
Application Transaction Counter Positions: 64-67 Length: 4 Format: alphanumeric	Description: This field contains an EMV Application Transaction Counter tag 9F36 .
Application Interchange Profile Positions: 68-71 Length: 4 Format: alphanumeric	Description: This field contains an EMV Application Interchange Profile tag 82 .
Application Cryptogram Positions: 72-87 Length: 16 Format: alphanumeric	Description: This field contains an EMV Application Cryptogram tag 9F26 .

EMV Data Edit Criteria

Terminal Verification Results Positions: 88-97 Length: 10 Format: alphanumeric	Description: This field contains an EMV Terminal Verification Results tag 95 .
Amount Authorized Positions: 98-109 Length: 12 Format: alphanumeric	Description: This field contains an EMV Amount Authorized tag 9F02 .
Form Factor Indicator Positions: 110-117 Length: 8 Format: alphanumeric	Description: This field contains an EMV Form Factor Indicator tag 9F6E .
Reserved Positions: 118-168 Length: 51 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 02 TCR 1 EMV Data (Cont'd)

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 02 EMV TCR 1 - EMV DATA (CONT'D).

CTF - Incoming Interchange

EMV Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-68	64	AN	Issuer Application Data, Byte 1-32
69-78	10	AN	Issuer Script 1 Results
79-80	2	AN	Cryptogram Information Data (CID)

EMV Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
81-86	6	AN	Cardholder Verification Method (CVM) Results
87-90	4	AN	Terminal Application Version Number
91-98	8	AN	Transaction Sequence Counter
99-102	4	AN	Application Usage Control
103-134	32	AN	Application Identifier (AID) - terminal
135-166	32	AN	Issuer Authentication Data
167-168	2	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

EMV Data (Cont'd) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value 1 .
Issuer Application Data, Byte 1-32 Positions: 5-68 Length: 64 Format: alphanumeric	Description: This field contains an EMV Issuer Application Data tag 9F10 . Note: Leading length byte removed.
Issuer Script 1 Results Positions: 69-78 Length: 10 Format: alphanumeric	Description: This field contains an EMV Issuer Script 1 Results tag 9F5B . Note: Leading length byte removed.

EMV Data (Cont'd) Edit Criteria

Cryptogram Information Data (CID) Positions: 79-80 Length: 2 Format: alphanumeric	Description: This field contains an EMV Cryptogram Information Data tag 9F27 .
Cardholder Verification Method (CVM) Results Positions: 81-86 Length: 6 Format: alphanumeric	Description: This field contains an EMV Cardholder Verification Method (CVM) Results tag 9F34 .
Terminal Application Version Number Positions: 87-90 Length: 4 Format: alphanumeric	Description: This field contains an EMV Terminal Application Version Number tag 9F09 .
Transaction Sequence Counter Positions: 91-98 Length: 8 Format: alphanumeric	Description: This field contains an EMV Transaction Sequence Counter tag 9F41 .
Application Usage Control Positions: 99-102 Length: 4 Format: alphanumeric	Description: This field contains tag 9F07 .
Application Identifier (AID) - Terminal Positions: 103-134 Length: 32 Format: alphanumeric	Description: This field contains an EMV Application Identifier Terminal tag 9F06 . Note: Leading length byte removed.
Issuer Authentication Data Positions: 135-166 Length: 32 Format: alphanumeric	Description: This field contains an EMV Issuer Authentication Data tag 91 . Note: Leading length byte removed.
Reserved Positions: 167-168 Length: 2 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 03 TCR 0 Lodging Summary

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 03 TCR 0 - LODGING SUMMARY.

CTF - Incoming Interchange

Lodging Summary Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-20	4	AN	TC 33 Application Code
21-35	15	AN	Message Identifier
36-41	6	AN	Check-In-Date
42-47	6	AN	Check-Out-Date
48-55	8	AN	Daily Room Rate 1
56-59	4	AN	Daily Room Nights 1
60-76	17	AN	Customer Service Toll Free Number
77	1	AN	Special Program Code
78-85	8	AN	Travel Agency Code
86-110	25	AN	Travel Agency Name
111-122	12	AN	Room Service Charges
123-134	12	AN	Mini Bar Charges
135-146	12	AN	Internet Access Charges
147	1	AN	Fire Safety Indicator

Lodging Summary Record Layout

Position	Field Length	Format	Contents
148-168	21	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Lodging Summary Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value of 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value of 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value of 0 .
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which the BASE II transaction message is sent. This field contains a valid acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: This field contains the Visa internal identifier of the VIC.
TC 33 Application Code Positions: 17-20 Length: 4 Format: alphanumeric	Description: This TCR group code identifies a group of related Transaction Component Records (TCR0 through TCRE). This field has a static value of CP03 .

Lodging Summary Edit Criteria

Message Identifier Positions: 21-35 Length: 15 Format: alphanumeric	Description: A unique message identifier that links a specific capture record among multiple capture records being submitted for a single transaction. All capture records within the same file linked to a single authorization request contain the same message identifier. The same message identifier can be assigned to other related capture records located in additional TCR groups identified by TC 33 Application codes (CP 01 through CP 50).
Check-In-Date Positions: 36-41 Length: 6 Format: alphanumeric	Description: This field contains a date of check-in. MMDDYY .
Check-Out-Date Positions: 42-47 Length: 6 Format: alphanumeric	Description: This field contains a date of check-out. MMDDYY .
Daily Room Rate 1 Positions: 48-55 Length: 8 Format: alphanumeric	Description: This field contains a Daily Room Rate for rate 1.
Daily Room Nights 1 Positions: 56-59 Length: 4 Format: alphanumeric	Description: This field contains a number of nights at rate 1.
Customer Service Toll Free Number Positions: 60-76 Length: 17 Format: alphanumeric	Description: This field contains a phone number of help desk/reservations.
Special Program Code Positions: 77 Length: 1 Format: alphanumeric	Description: This field contains a Special Program Code values (1 - lodging, 2 - no show, 3 - advance deposit).
Travel Agency Code Positions: 78-85 Length: 8 Format: alphanumeric	Description: This field contains a code of the travel agency.

Lodging Summary Edit Criteria

Travel Agency Name Positions: 86-110 Length: 25 Format: alphanumeric	Description: This field contains a name of agency.
Room Service Charges Positions: 111-122 Length: 12 Format: alphanumeric	Description: This field contains the room service charges.
Mini Bar Charges Positions: 123-134 Length: 12 Format: alphanumeric	Description: This field contains the mini-bar charges.
Internet Access Charges Positions: 135-146 Length: 12 Format: alphanumeric	Description: This field contains the Internet access charges.
Fire Safety Indicator Positions: 147 Length: 1 Format: alphanumeric	Description: This field contains a value that indicates the fire safety status.
Reserved Positions: 148-168 Length: 21 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 03 TCR 1 Lodging Summary (Cont'd)

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 03 TCR 1 - LODGING SUMMARY (CONT'D).

CTF - Incoming Interchange

Lodging Summary (Cont'd) Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-12	8	AN	Daily Room Rate 2
13-16	4	AN	Daily Room Nights 2
17-24	8	AN	Daily Room Rate 3
25-28	4	AN	Daily Room Nights 3
29-68	40	AN	Guest Name
69-168	100	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Lodging Summary (Cont'd) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value of 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value of 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value of 1 .
Daily Room Rate 2 Positions: 5-12 Length: 8 Format: alphanumeric	Description: This field contains a Daily Room Rate for rate 2.

Lodging Summary (Cont'd) Edit Criteria

Daily Room Nights 2 Positions: 13-16 Length: 4 Format: alphanumeric	Description: This field contains a number of nights at rate 2.
Daily Room Rate 3 Positions: 17-24 Length: 8 Format: alphanumeric	Description: This field contains a Daily Room Rate for rate 3.
Daily Room Nights 3 Positions: 25-28 Length: 4 Format: alphanumeric	Description: This field contains a number of nights at rate 3.
Guest Name Positions: 29-68 Length: 40 Format: alphanumeric	Description: This field contains a name of guest who is registered for the room.
Reserved Positions: 69-168 Length: 100 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 03 TCR 2 Lodging Summary (Cont'd)

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 03 TCR 2 - LODGING SUMMARY (CONT'D).

CTF - Incoming Interchange

Lodging Summary (Cont'd) Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier

Lodging Summary (Cont'd) Record Layout

Position	Field Length	Format	Contents
4	1	AN	Transaction Component Sequence Number
5	1	AN	Smoking Preference
6-7	2	AN	Number of Rooms Booked
8-9	2	AN	Number of Adults
10-21	12	AN	Bed Type
22-31	10	AN	Tax Elements
32-43	12	AN	Rate Type
44-60	17	AN	Corporate Client Code
61-72	12	AN	Promotional Code
73-84	12	AN	Additional Coupon
85-94	10	AN	Room Location
95-168	74	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Lodging Summary (Cont'd) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value of 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value of 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value of 2 .

Lodging Summary (Cont'd) Edit Criteria

Smoking Preference Positions: 5 Length: 1 Format: alphanumeric	Description: This field contains a Smoking Preference value (Y = smoking, N = Non smoking).
Number of Rooms Booked Positions: 6-7 Length: 2 Format: alphanumeric	Description: This field contains a total number of rooms booked by cardholder.
Number of Adults Positions: 8-9 Length: 2 Format: alphanumeric	Description: This field contains a number of adult guests in room.
Bed Type Positions: 10-21 Length: 12 Format: alphanumeric	Description: This field contains a Bed Type value (King, queen, doubles, etc.)
Tax Elements Positions: 22-31 Length: 10 Format: alphanumeric	Description: This field contains summary of all tax types (e.g., tourist, hotel, etc.)
Rate Type Positions: 32-43 Length: 12 Format: alphanumeric	Description: This field contains a Rate Type (AAA, AARP, Corporate, etc.)
Corporate Client Code Positions: 44-60 Length: 17 Format: alphanumeric	Description: This field contains a Corporate Client Code assigned to the renter's corporation.
Promotional Code Positions: 61-72 Length: 12 Format: alphanumeric	Description: This field contains a Promotional Code that describes discount program.

Lodging Summary (Cont'd) Edit Criteria

Additional Coupon Positions: 73-84 Length: 12 Format: alphanumeric	Description: This field contains an Additional Coupon value if needed.
Room Location Positions: 85-94 Length: 10 Format: alphanumeric	Description: This field contains a Room Location information: Ocean view, lake view, etc.
Reserved Positions: 95-168 Length: 74 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 03 TCR 3 Lodging Additional Amounts

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 03 TCR 3 - LODGING ADDITIONAL AMOUNTS.

CTF - Incoming Interchange

Lodging Additional Amounts Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-16	12	AN	Total Tax
17-28	12	AN	Food and Beverage Charges
29-40	12	AN	Total Room Tax
41-52	12	AN	Adjustment Amount
53-64	12	AN	Phone Charges
65-76	12	AN	Restaurant Charges

Lodging Additional Amounts Record Layout

Position	Field Length	Format	Contents
77-88	12	AN	Laundry Charges
89-100	12	AN	Movie Charges
101-112	12	AN	Lounge/Bar Charges
113-124	12	AN	Early Departure Charges
125-136	12	AN	Prepaid expenses
137-148	12	AN	Other Charges
149-160	12	AN	Gift Shop Charges
161-168	8	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Lodging Additional Amounts Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value of 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value of 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value of 3 .
Total Tax Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field contains the total amount of tax.

Lodging Additional Amounts Edit Criteria

Food and Beverage Charges Positions: 17-28 Length: 12 Format: alphanumeric	Description: This field contains the food and beverage charges.
Total Room Tax Positions: 29-40 Length: 12 Format: alphanumeric	Description: This field contains the total amount for the room tax.
Adjustment Amount Positions: 41-52 Length: 12 Format: alphanumeric	Description: This field contains the amount of an adjustment.
Phone Charges Positions: 53-64 Length: 12 Format: alphanumeric	Description: This field contains the charges for telephone use.
Restaurant Charges Positions: 65-76 Length: 12 Format: alphanumeric	Description: This field contains the restaurant charges.
Laundry Charges Positions: 77-88 Length: 12 Format: alphanumeric	Description: This field contains the laundry charges.
Movie Charges Positions: 89-100 Length: 12 Format: alphanumeric	Description: This field contains the movie charges.
Lounge/Bar Charges Positions: 101-112 Length: 12 Format: alphanumeric	Description: This field contains the lounge and bar charges.

Lodging Additional Amounts Edit Criteria

Early Departure Charges Positions: 113-124 Length: 12 Format: alphanumeric	Description: This field contains the early departure charges.
Prepaid expenses Positions: 125-136 Length: 12 Format: alphanumeric	Description: This field contains the prepaid expenses.
Other Charges Positions: 137-148 Length: 12 Format: alphanumeric	Description: This field contains other miscellaneous charges.
Gift Shop Charges Positions: 149-160 Length: 12 Format: alphanumeric	Description: This field contains the gift shop charges.
Reserved Positions: 161-168 Length: 8 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 03 TCR 4 Lodging Additional Amounts (Cont'd)

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 03 TCR 4 - LODGING ADDITIONAL AMOUNTS (CONT'D).

CTF - Incoming Interchange

Lodging Additional Amounts (Cont'd) Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier

Lodging Additional Amounts (Cont'd) Record Layout

Position	Field Length	Format	Contents
4	1	AN	Transaction Component Sequence Number
5-16	12	AN	Health Club Charges
17-28	12	AN	Valet Parking Charges
29-40	12	AN	Cash Disbursement Charges
41-52	12	AN	Non-Room Charges
53-64	12	AN	Business Center Charges
65-76	12	AN	Transportation Charges
77-88	12	AN	Gratuities Charges
89-100	12	AN	Conference Room Charges
101-112	12	AN	Audio Visual Charges
113-124	12	AN	Banquet Charges
125-136	12	AN	Total Non-Room Tax Amount
137-168	32	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Lodging Additional Amounts (Cont'd) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value of 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value of 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value of 4 .

Lodging Additional Amounts (Cont'd) Edit Criteria

Health Club Charges Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field contains the health club charges.
Valet Parking Charges Positions: 17-28 Length: 12 Format: alphanumeric	Description: This field contains the valet parking charges.
Cash Disbursement Charges Positions: 29-40 Length: 12 Format: alphanumeric	Description: This field contains the cash disbursement charges.
Non-Room Charges Positions: 41-52 Length: 12 Format: alphanumeric	Description: This field contains the non-room charges.
Business Center Charges Positions: 53-64 Length: 12 Format: alphanumeric	Description: This field contains the business center charges.
Transportation Charges Positions: 65-76 Length: 12 Format: alphanumeric	Description: This field contains the transportation charges.
Gratuities Charges Positions: 77-88 Length: 12 Format: alphanumeric	Description: This field contains the gratuity charges.
Conference Room Charges Positions: 89-100 Length: 12 Format: alphanumeric	Description: This field contains the conference room charges.

Lodging Additional Amounts (Cont'd) Edit Criteria

Audio Visual Charges Positions: 101-112 Length: 12 Format: alphanumeric	Description: This field contains the audio visual charges.
Banquet Charges Positions: 113-124 Length: 12 Format: alphanumeric	Description: This field contains the banquet charges.
Total Non-Room Tax Amount Positions: 125-136 Length: 12 Format: alphanumeric	Description: This field contains the total tax amount for non-room charges.
Reserved Positions: 137-168 Length: 32 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 04 TCR 0 Level II Data

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 04 Level 2 and 3 TCR 0 - LEVEL II DATA.

CTF - Incoming Interchange

Level II Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-20	4	AN	TC 33 Application Code
21-35	15	AN	Message Identifier

Level II Data Record Layout

Position	Field Length	Format	Contents
36-47	12	AN	Local Tax
48	1	AN	Local Tax Included
49-60	12	AN	National Tax
61	1	AN	National Tax Included
62-78	17	AN	Customer Code/Customer Reference Identifier (CRI)
79-98	20	AN	Merchant VAT Registration/Single Business Reference Number
99-168	70	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Level II Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value 0 .
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which the BASE II transaction message is sent. This field will contain a valid acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: This field contains the Visa internal identifier of the VIC.

Level II Data Edit Criteria

TC 33 Application Code Positions: 17-20 Length: 4 Format: alphanumeric	Description: This TCR group code identifies a group of related Transaction Component Records (TCR 0 to TCR E). This field has a static value of CP04 .
Message Identifier Positions: 21-35 Length: 15 Format: alphanumeric	Description: A unique message identifier that links a specific capture record among multiple capture records being submitted for a single transaction. All capture records within the same file linked to a single authorization request contain the same message identifier. The same message identifier can be assigned to other related capture records located in additional TCR groups identified by TC 33 Application codes (CP 01 through CP 50).
Local Tax Positions: 36-47 Length: 12 Format: alphanumeric	Description: This field contains the amount of state or provincial tax included in the transaction amount. This amount is expressed in the same currency as the source amount.
Local Tax Included Positions: 48 Length: 1 Format: alphanumeric	Description: Indicates whether local tax is included. Note: Please see <i>BASE II Clearing Data Codes</i> for a list of valid codes.
National Tax Positions: 49-60 Length: 12 Format: alphanumeric	Description: (For Australia) This field will contain the goods and services tax (GST) amount.
National Tax Included Positions: 61 Length: 1 Format: alphanumeric	Description: Indicates if national tax is included or not. Note: Please see <i>BASE II Clearing Data Codes</i> for a list of valid codes.
Customer Code/Customer Reference Identifier (CRI) Positions: 62-78 Length: 17 Format: alphanumeric	Description: This field contains a reference number or code that identifies the customer or consumer.

Level II Data Edit Criteria

Merchant VAT Registration/Single Business Reference Number Positions: 79-98 Length: 20 Format: alphanumeric	Description: This field will contain the merchant Australian business number.
Reserved Positions: 99-168 Length: 70 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 04 TCR 1 Level II Data - American Express

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 04 TCR 1 - LEVEL II DATA - AMERICAN EXPRESS.

Level II Data - American Express Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-44	40	ANS	American Express - Charge Descriptor 1
45-84	40	ANS	American Express - Charge Descriptor 2
85-124	40	ANS	American Express - Charge Descriptor 3
125-164	40	ANS	American Express - Charge Descriptor 4
165-167	3	AN	American Express - Tax Type Code
168	1	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Level II Data - American Express Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value of 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value of 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value of 1 .
American Express - Charge Descriptor 1 Positions: 5-44 Length: 40 Format: alphanumeric special character	Description: This field contains the American Express charge descriptor 1.
American Express - Charge Descriptor 2 Positions: 45-84 Length: 40 Format: alphanumeric special character	Description: This field contains the American Express charge descriptor 2.
American Express - Charge Descriptor 3 Positions: 85-124 Length: 40 Format: alphanumeric special character	Description: This field contains the American Express charge descriptor 3.

Level II Data - American Express Edit Criteria

American Express - Charge Descriptor 4 Positions: 125-164 Length: 40 Format: alphanumeric special character	Description: This field contains the American Express charge descriptor 4.
American Express - Tax Type Code Positions: 165-167 Length: 3 Format: alphanumeric	Description: This field contains the American Express tax type code.
Reserved Positions: 168 Length: 1 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 04 TCR 2 Level III Data - Purchasing Transaction Summary

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 04 TCR 2 - LEVEL III DATA - PURCHASING TRANSACTION SUMMARY.

Level III Data-Purchasing Transaction Summary Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-16	12	AN	Discount Amount
17	1	AN	Discount Amount Signage
18-29	12	AN	Freight/Shipping Amount
30	1	AN	Freight/Shipping Amount Signage
31-42	12	AN	Duty Amount
43	1	AN	Duty Amount Signage

Level III Data-Purchasing Transaction Summary Record Layout

Position	Field Length	Format	Contents
44-55	12	AN	VAT/Tax Amount
56	1	AN	VAT/Tax Amount Signage
57-71	15	AN	Unique VAT Invoice Ref. Number
72-77	6	AN	Order Date
78-81	4	AN	VAT/Tax Rate (Freight/Shipping)
82-85	4	AN	Summary Commodity Code
86	1	AN	Invoice Level Discount Treatment
87	1	AN	Tax Treatment
88-112	25	ANS	Mastercard - Card Acceptor Reference Number
113-132	20	ANS	Mastercard - Card Acceptor VAT Number
133-152	20	ANS	Mastercard - Customer VAT Number
153-168	16	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Level III Data-Purchasing Transaction Summary Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value of 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value of 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value of 2 .

Level III Data-Purchasing Transaction Summary Edit Criteria

Discount Amount Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field contains the discount amount.
Discount Amount Signage Positions: 17 Length: 1 Format: alphanumeric	Description: This field specifies if the discount amount is a credit or a debit. Values: <ul style="list-style-type: none">• C = Credit• D = Debit
Freight/Shipping Amount Positions: 18-29 Length: 12 Format: alphanumeric	Description: This field contains the freight and shipping amount.
Freight/Shipping Amount Signage Positions: 30 Length: 1 Format: alphanumeric	Description: This field specifies if the freight/shipping amount is a credit or a debit. Values: <ul style="list-style-type: none">• C = Credit• D = Debit
Duty Amount Positions: 31-42 Length: 12 Format: alphanumeric	Description: This field contains the duty amount.
Duty Amount Signage Positions: 43 Length: 1 Format: alphanumeric	Description: This field specifies if the duty amount is a credit or a debit. Values: <ul style="list-style-type: none">• C = Credit• D = Debit
VAT/Tax Amount Positions: 44-55 Length: 12 Format: alphanumeric	Description: This field contains the value added tax (VAT) amount.
VAT/Tax Amount Signage Positions: 56 Length: 1 Format: alphanumeric	Description: This field specifies if the VAT/tax amount is a credit or a debit. Values: <ul style="list-style-type: none">• C = Credit• D = Debit

Level III Data-Purchasing Transaction Summary Edit Criteria

Unique VAT Invoice Ref. Number Positions: 57-71 Length: 15 Format: alphanumeric	Description: This field contains the VAT invoice reference number.
Order Date Positions: 72-77 Length: 6 Format: alphanumeric	Description: This field contains the order date in the following format: YYMMDD .
VAT/Tax Rate (Freight/Shipping) Positions: 78-81 Length: 4 Format: alphanumeric	Description: This field contains the VAT rate for freight and shipping.
Summary Commodity Code Positions: 82-85 Length: 4 Format: alphanumeric	Description: This field contains the summary commodity code.
Invoice Level Discount Treatment Positions: 86 Length: 1 Format: alphanumeric	Description: This field contains the invoice level discount treatment.
Tax Treatment Positions: 87 Length: 1 Format: alphanumeric	Description: This field contains the tax treatment.
Mastercard - Card Acceptor Reference Number Positions: 88-112 Length: 25 Format: alphanumeric special character	Description: This field contains the Mastercard card acceptor reference number.
Mastercard - Card Acceptor VAT Number Positions: 113-132 Length: 20 Format: alphanumeric special character	Description: This field contains the Mastercard card acceptor VAT number.

Level III Data-Purchasing Transaction Summary Edit Criteria

Mastercard - Customer VAT Number Positions: 133-152 Length: 20 Format: alphanumeric special character	Description: This field contains the Mastercard customer VAT number.
Reserved Positions: 153-168 Length: 16 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 04 TCR 3 Level III Data - Purchasing Transaction Summary

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 04 TCR 3 - LEVEL III DATA - PURCHASING TRANSACTION SUMMARY.

Level III Data-Purchasing Transaction Summary Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-40	36	ANS	Mastercard - Authorized Contact Name
41-80	40	ANS	Mastercard - Contract Number
81-168	88	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Level III Data-Purchasing Transaction Summary Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value of 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value of 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value of 3 .
Mastercard - Authorized Contact Name Positions: 5-40 Length: 36 Format: alphanumeric special character	Description: This field contains the Mastercard authorized contact name.
Mastercard - Contract Number Positions: 41-80 Length: 40 Format: alphanumeric special character	Description: This field contains the Mastercard contact number.
Reserved Positions: 81-168 Length: 88 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 05 TCR 0 Passenger Itinerary Data

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 05 TCR 0 - PASSENGER ITINERARY DATA.

CTF - Incoming Interchange

Passenger Itinerary Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-20	4	AN	TC 33 Application Code
21-35	15	AN	Message Identifier
36-55	20	ANS	Passenger Name
56-61	6	AN	Departure Date
62-64	3	AN	Origination City/Airport Code
65-72	8	AN	Travel Agency Code
73-97	25	ANS	Travel Agency Name
98	1	AN	Restricted Ticket Indicator
99-102	4	AN	Computerized Reservation System
103-117	15	AN	Ticket Number
118-137	20	AN	Total Clearing Amount
138-162	25	AN	Customer Code
163-164	2	AN	Multiple Clearing Sequence Number
165-166	2	AN	Multiple Clearing Sequence Count

Passenger Itinerary Data Record Layout

Position	Field Length	Format	Contents
167-168	2	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Passenger Itinerary Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value 0 .
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which the BASE II transaction message is sent. This field will contain a valid acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: This field contains the Visa internal identifier of the VIC.
TC 33 Application Code Positions: 17-20 Length: 4 Format: alphanumeric	Description: This TCR group code identifies a group of related Transaction Component Records (TCR 0 through TCR E). This field has a static value of CP05 .

Passenger Itinerary Data Edit Criteria

Message Identifier Positions: 21-35 Length: 15 Format: alphanumeric	Description: A unique message identifier that links a specific capture record among multiple capture records being submitted for a single transaction. All capture records within the same file linked to a single authorization request contain the same message identifier. The same message identifier can be assigned to other related capture records located in additional TCR groups identified by TC 33 Application codes (CP 01 through CP 50).
Passenger Name Positions: 36-55 Length: 20 Format: alphanumeric special character	Description: This field contains the name of passenger.
Departure Date Positions: 56-61 Length: 6 Format: alphanumeric	Description: Date of passenger's departure in the format MMDDYY (Month, Day, Year).
Origination City/Airport Code Positions: 62-64 Length: 3 Format: alphanumeric	Description: Code indicating the city and/or airport where the trip originates.
Travel Agency Code Positions: 65-72 Length: 8 Format: alphanumeric	Description: Code identifying travel agency if the ticket was issued by a travel agency.
Travel Agency Name Positions: 73-97 Length: 25 Format: alphanumeric special character	Description: Name of travel agency if the ticket was issued by a travel agency.
Restricted Ticket Indicator Positions: 98 Length: 1 Format: alphanumeric	Description: Indicates whether this ticket is non-refundable. This entry should be supplied on CPS/Passenger Transport 1 or 2 transactions if the ticket was purchased as a non-refundable ticket. Note: Please see <i>BASE II Clearing Data Codes</i> for a list of valid codes.
Computerized Reservation System Positions: 99-102 Length: 4 Format: alphanumeric	Description: Indicates the computerized reservation system used to make the reservation and purchase the ticket.

Passenger Itinerary Data Edit Criteria

Ticket Number Positions: 103-117 Length: 15 Format: alphanumeric	Description: This field contains ticket number.
Total Clearing Amount Positions: 118-137 Length: 20 Format: alphanumeric	Description: This field contains total clearing amount.
Customer Code Positions: 138-162 Length: 25 Format: alphanumeric	Description: A reference number or code that identifies the customer or consumer.
Multiple Clearing Sequence Number Positions: 163-164 Length: 2 Format: alphanumeric	Description: A sequence number that distinguishes a specific clearing message among multiple clearing messages being submitted for a single CPS authorization.
Multiple Clearing Sequence Count Positions: 165-166 Length: 2 Format: alphanumeric	Description: Count of multiple clearing sequence.
Reserved Positions: 167-168 Length: 2 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 05 TCR 1 Passenger Itinerary Data (Cont'd)

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 05 Air TCR 1 - PASSENGER ITINERARY DATA (CONT'D).

CTF - Incoming Interchange

Passenger Itinerary Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-23	19	AN	Total Fare Amount
24-42	19	AN	Total Taxes Amount
43-62	20	AN	Total Fee Amount
63	1	ANS	Credit Reason Indicator
64	1	ANS	Ticket Change Indicator
65-168	104	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Passenger Itinerary Data (Cont'd) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value 1 .
Total Fare Amount Positions: 5-23 Length: 19 Format: alphanumeric	Description: This field contains total fare amount.

Passenger Itinerary Data (Cont'd) Edit Criteria

Total Taxes Amount Positions: 24-42 Length: 19 Format: alphanumeric	Description: This field contains total taxes amount.
Total Fee Amount Positions: 43-62 Length: 20 Format: alphanumeric	Description: This field contains total fee amount.
Credit Reason Indicator Positions: 63 Length: 1 Format: alphanumeric special character	Description: This field contains the Credit Reason Indicator. Note: Please see <i>V.I.P. System SMS POS (Visa & Visa Electron) Technical Specifications, Volume 1</i> .
Ticket Change Indicator Positions: 64 Length: 1 Format: alphanumeric special character	Description: This field contains the Ticket Change Indicator. Note: Please see <i>V.I.P. System SMS POS (Visa & Visa Electron) Technical Specifications, Volume 1</i> .
Reserved Positions: 65-168 Length: 104 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 05 TCR 2 Passenger Itinerary Data (Cont'd)

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 05 Air TCR 2 - PASSENGER ITINERARY DATA (CONT'D).

CTF - Incoming Interchange

Passenger Itinerary Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-11	7	Group	Trip Leg 1 Information
5-6	2	AN	Carrier Code
7	1	AN	Service Class
8	1	AN	Stop-Over Code
9-11	3	AN	Destination City/Airport
12-17	6	AN	Fare Basis Code_Leg 1
18-22	5	AN	Flight Number_Leg 1
23-28	6	AN	Departure Date_Leg 1
29-32	4	AN	Departure Time_Leg 1
33	1	AN	Departure Time Segment_Leg 1
34-37	4	AN	Arrival Time_Leg 1
38	1	AN	Arrival Time Segment_Leg 1
39-58	20	ANS	Endorsement/Restrictions_Leg 1
59-83	25	AN	Conjunction Ticket_Leg 1
84-108	25	AN	Exchange Ticket_Leg 1
109	1	AN	Coupon Number_Leg 1
110-121	12	AN	Fare Amount Leg 1
122-133	12	AN	Tax Amount Leg 1
134-145	12	AN	Fee Amount Leg 1
146-168	23	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Passenger Itinerary Data (Cont'd) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value 2 .
Trip Leg 1 Information Positions: 5-11 Length: 7 Format: Group	Description: Description of the first leg of trip.
Carrier Code Positions: 5-6 Length: 2 Format: alphanumeric	Description: Code indicating name of carrier (United Airlines, Jet Blue, etc.).
Service Class Positions: 7 Length: 1 Format: alphanumeric	Description: Indicates service class (first class, business class, etc.)
Stop-Over Code Positions: 8 Length: 1 Format: alphanumeric	Description: Indicates whether a stopover is allowed on this ticket.
Destination City/Airport Positions: 9-11 Length: 3 Format: alphanumeric	Description: Indicates destination city's airport code.

Passenger Itinerary Data (Cont'd) Edit Criteria

Fare Basis Code_Leg 1 Positions: 12-17 Length: 6 Format: alphanumeric	Description: Fare basis code used for Leg 1 of the trip.
Flight Number_Leg 1 Positions: 18-22 Length: 5 Format: alphanumeric	Description: Number of the airline flight to be taken on Leg 1 of the trip.
Departure Date_Leg 1 Positions: 23-28 Length: 6 Format: alphanumeric	Description: Date of passenger's departure (MMDDYY) on Leg 1 of the trip.
Departure Time_Leg 1 Positions: 29-32 Length: 4 Format: alphanumeric	Description: Time of passenger's departure on Leg 1 of the trip (HHMM). HH = Time in hours (00 to 23) MM = Time in minutes (00 to 59)
Departure Time Segment_Leg 1 Positions: 33 Length: 1 Format: alphanumeric	Description: Time of passenger's departure on Segment Leg 1 of the trip. Note: Please see <i>BASE II Clearing Data Codes</i> for a list of valid codes.
Arrival Time_Leg 1 Positions: 34-37 Length: 4 Format: alphanumeric	Description: Time of passenger's arrival on Leg 1 of the trip (HHMM). HH = Time in hours (00 to 23) MM = Time in minutes (00 to 59)
Arrival Time Segment_Leg 1 Positions: 38 Length: 1 Format: alphanumeric	Description: Time of passenger's arrival on Segment Leg 1 of the trip. Note: Please see <i>BASE II Clearing Data Codes</i> for a list of valid codes.
Endorsement/Restrictions_Leg 1 Positions: 39-58 Length: 20 Format: alphanumeric special character	Description: Indicates endorsement/restrictions for the first leg of trip.

Passenger Itinerary Data (Cont'd) Edit Criteria

Conjunctions Ticket_Leg 1 Positions: 59-83 Length: 25 Format: alphanumeric	Description: Conjunction ticket information for the first leg of trip.
Exchange Ticket_Leg 1 Positions: 84-108 Length: 25 Format: alphanumeric	Description: Exchange ticket information for the first leg of trip.
Coupon Number_Leg 1 Positions: 109 Length: 1 Format: alphanumeric	Description: Coupon number for the first leg of trip.
Fare Amount Leg 1 Positions: 110-121 Length: 12 Format: alphanumeric	Description: This field contains the Fare Amount for Leg 1.
Tax Amount Leg 1 Positions: 122-133 Length: 12 Format: alphanumeric	Description: This field contains the Tax Amount for Leg 1.
Fee Amount Leg 1 Positions: 134-145 Length: 12 Format: alphanumeric	Description: This field contains the Fee Amount for Leg 1.
Reserved Positions: 146-168 Length: 23 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 05 TCR 3 Passenger Itinerary Data (Cont'd)

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 05 Air TCR 3 - PASSENGER ITINERARY DATA (CONT'D).

CTF - Incoming Interchange

Passenger Itinerary Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-11	7	Group	Trip Leg 2 Information
5-6	2	AN	Carrier Code
7	1	AN	Service Class
8	1	AN	Stop-Over Code
9-11	3	AN	Destination City/Airport
12-17	6	AN	Fare Basis Code_Leg 2
18-22	5	AN	Flight Number_Leg 2
23-28	6	AN	Departure Date_Leg 2
29-32	4	AN	Departure Time_Leg 2
33	1	AN	Departure Time Segment_Leg 2
34-37	4	AN	Arrival Time_Leg 2
38	1	AN	Arrival Time Segment_Leg 2
39-58	20	ANS	Endorsement/Restrictions_Leg 2
59-83	25	AN	Conjunction Ticket_Leg 2
84-108	25	AN	Exchange Ticket_Leg 2
109	1	AN	Coupon Number_Leg 2
110-121	12	AN	Fare Amount Leg 2
122-133	12	AN	Tax Amount Leg 2

Passenger Itinerary Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
134-145	12	AN	Fee Amount Leg 2
146-168	23	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Passenger Itinerary Data (Cont'd) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value 3 .
Trip Leg 2 Information Positions: 5-11 Length: 7 Format: Group	Description: Description of the second leg of trip.
Carrier Code Positions: 5-6 Length: 2 Format: alphanumeric	Description: Code indicating name of carrier (United Airlines, Jet Blue, etc.). Edited only on Leg 2.
Service Class Positions: 7 Length: 1 Format: alphanumeric	Description: Indicates service class (first class, business class, etc.) Edited only on Leg 2.

Passenger Itinerary Data (Cont'd) Edit Criteria

Stop-Over Code Positions: 8 Length: 1 Format: alphanumeric	Description: Indicates whether a stopover is allowed on this ticket. Note: Please see <i>BASE II Clearing Data Codes</i> for a list of valid codes.
Destination City/Airport Positions: 9-11 Length: 3 Format: alphanumeric	Description: Indicates destination city's airport code. Edited only on Leg 2.
Fare Basis Code_Leg 2 Positions: 12-17 Length: 6 Format: alphanumeric	Description: Fare basis code used for Leg 2 of the trip.
Flight Number_Leg 2 Positions: 18-22 Length: 5 Format: alphanumeric	Description: Number of the airline flight to be taken on Leg 2 of the trip.
Departure Date_Leg 2 Positions: 23-28 Length: 6 Format: alphanumeric	Description: Date of passenger's departure (MMDDYY) on Leg 2 of the trip.
Departure Time_Leg 2 Positions: 29-32 Length: 4 Format: alphanumeric	Description: Time of passenger's departure on Leg 2 of the trip (HHMM). HH = Time in hours (00 to 23) MM = Time in minutes (00 to 59).
Departure Time Segment_Leg 2 Positions: 33 Length: 1 Format: alphanumeric	Description: Time of passenger's departure on Segment Leg 2 of the trip. Note: Please see <i>BASE II Clearing Data Codes</i> for a list of valid codes.
Arrival Time_Leg 2 Positions: 34-37 Length: 4 Format: alphanumeric	Description: Time of passenger's arrival on Leg 2 of the trip (HHMM). HH = Time in hours (00 to 23) MM = Time in minutes (00 to 59)

Passenger Itinerary Data (Cont'd) Edit Criteria

Arrival Time Segment_Leg 2 Positions: 38 Length: 1 Format: alphanumeric	Description: Time of passenger's arrival on Segment Leg 2 of the trip. Note: Please see <i>BASE II Clearing Data Codes</i> for a list of valid codes.
Endorsement/Restrictions_Leg 2 Positions: 39-58 Length: 20 Format: alphanumeric special character	Description: Indicates endorsement/restrictions for the second leg of trip.
Conjunctions Ticket_Leg 2 Positions: 59-83 Length: 25 Format: alphanumeric	Description: Conjunction ticket information for the second leg of trip.
Exchange Ticket_Leg 2 Positions: 84-108 Length: 25 Format: alphanumeric	Description: Exchange ticket information for the second leg of trip.
Coupon Number_Leg 2 Positions: 109 Length: 1 Format: alphanumeric	Description: Coupon number for the second leg of trip.
Fare Amount Leg 2 Positions: 110-121 Length: 12 Format: alphanumeric	Description: This field contains the Fare Amount for Leg 2.
Tax Amount Leg 2 Positions: 122-133 Length: 12 Format: alphanumeric	Description: This field contains the Tax Amount for Leg 2.

Passenger Itinerary Data (Cont'd) Edit Criteria

Fee Amount Leg 2 Positions: 134-145 Length: 12 Format: alphanumeric	Description: This field contains the Fee Amount for Leg 2.
Reserved Positions: 146-168 Length: 23 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 05 TCR 4 Passenger Itinerary Data (Cont'd)

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 05 Air TCR 4 - PASSENGER ITINERARY DATA (CONT'D).

CTF - Incoming Interchange

Passenger Itinerary Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-11	7	Group	Trip Leg 3 Information
5-6	2	AN	Carrier Code
7	1	AN	Service Class
8	1	AN	Stop-Over Code
9-11	3	AN	Destination City/Airport
12-17	6	AN	Fare Basis Code_Leg 3
18-22	5	AN	Flight Number_Leg 3
23-28	6	AN	Departure Date_Leg 3
29-32	4	AN	Departure Time_Leg 3
33	1	AN	Departure Time Segment_Leg 3

Passenger Itinerary Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
34-37	4	AN	Arrival Time_Leg 3
38	1	AN	Arrival Time Segment_Leg 3
39-58	20	ANS	Endorsement/Restrictions_Leg 3
59-83	25	AN	Conjunction Ticket_Leg 3
84-108	25	AN	Exchange Ticket_Leg 3
109	1	AN	Coupon Number_Leg 3
110-121	12	AN	Fare Amount Leg 3
122-133	12	AN	Tax Amount Leg 3
134-145	12	AN	Fee Amount Leg 3
146-168	23	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Passenger Itinerary Data (Cont'd) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value 4 .
Trip Leg 3 Information Positions: 5-11 Length: 7 Format: Group	Description: Description of the third leg of trip.

Passenger Itinerary Data (Cont'd) Edit Criteria

Carrier Code Positions: 5-6 Length: 2 Format: alphanumeric	Description: Code indicating name of carrier (United Airlines, Jet Blue, etc.). Edited only on Leg 3.
Service Class Positions: 7 Length: 1 Format: alphanumeric	Description: Indicates service class (first class, business class, etc.) Edited only on Leg 3.
Stop-Over Code Positions: 8 Length: 1 Format: alphanumeric	Description: Indicates whether a stopover is allowed on this ticket. Note: Please see <i>BASE II Clearing Data Codes</i> for a list of valid codes.
Destination City/Airport Positions: 9-11 Length: 3 Format: alphanumeric	Description: Indicates destination city's airport code. Edited only on Leg 3.
Fare Basis Code_Leg 3 Positions: 12-17 Length: 6 Format: alphanumeric	Description: Fare basis code used for Leg 3 of the trip.
Flight Number_Leg 3 Positions: 18-22 Length: 5 Format: alphanumeric	Description: Number of the airline flight to be taken on Leg 3 of the trip.
Departure Date_Leg 3 Positions: 23-28 Length: 6 Format: alphanumeric	Description: Date of passenger's departure (MMDDYY) on Leg 3 of the trip.
Departure Time_Leg 3 Positions: 29-32 Length: 4 Format: alphanumeric	Description: Time of passenger's departure on Leg 3 of the trip (HHMM). HH = Time in hours (00 to 23) MM = Time in minutes (00 to 59).

Passenger Itinerary Data (Cont'd) Edit Criteria

Departure Time Segment_Leg 3 Positions: 33 Length: 1 Format: alphanumeric	Description: Time of passenger's departure on Segment Leg 3 of the trip. Note: Please see <i>BASE II Clearing Data Codes</i> for a list of valid codes.
Arrival Time_Leg 3 Positions: 34-37 Length: 4 Format: alphanumeric	Description: Time of passenger-s arrival on Leg 3 of the trip (HHMM). HH = Time in hours (00 to 23) MM = Time in minutes (00 to 59)
Arrival Time Segment_Leg 3 Positions: 38 Length: 1 Format: alphanumeric	Description: Time of passenger's arrival on Segment Leg 3 of the trip. Note: Please see <i>BASE II Clearing Data Codes</i> for a list of valid codes.
Endorsement/Restrictions_Leg 3 Positions: 39-58 Length: 20 Format: alphanumeric special character	Description: Indicates endorsement/restrictions for Leg 3 of the trip.
Conjunctions Ticket_Leg 3 Positions: 59-83 Length: 25 Format: alphanumeric	Description: Conjunction ticket information for Leg 3 of the trip.
Exchange Ticket_Leg 3 Positions: 84-108 Length: 25 Format: alphanumeric	Description: Exchange ticket information for Leg 3 of the trip.
Coupon Number_Leg 3 Positions: 109 Length: 1 Format: alphanumeric	Description: Coupon number for Leg 3 of the trip.
Fare Amount Leg 3 Positions: 110-121 Length: 12 Format: alphanumeric	Description: This field contains the Fare Amount for Leg 3.

Passenger Itinerary Data (Cont'd) Edit Criteria

Tax Amount Leg 3 Positions: 122-133 Length: 12 Format: alphanumeric	Description: This field contains the Tax Amount for Leg 3.
Fee Amount Leg 3 Positions: 134-145 Length: 12 Format: alphanumeric	Description: This field contains the Fee Amount for Leg 3.
Reserved Positions: 146-168 Length: 23 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 05 TCR 5 Passenger Itinerary Data (Cont'd)

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 05 Air TCR 5 - PASSENGER ITINERARY DATA (CONT'D).

CTF - Incoming Interchange

Passenger Itinerary Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-11	7	Group	Trip Leg 4 Information
5-6	2	AN	Carrier Code
7	1	AN	Service Code
8	1	AN	Stop-Over Code
9-11	3	AN	Destination City/Airport
12-17	6	AN	Fare Basis Code_Leg 4

Passenger Itinerary Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
18-22	5	AN	Flight Number_Leg 4
23-28	6	AN	Departure Date_Leg 4
29-32	4	AN	Departure Time_Leg 4
33	1	AN	Departure Time Segment_Leg 4
34-37	4	AN	Arrival Time_Leg 4
38	1	AN	Arrival Time Segment_Leg 4
39-58	20	ANS	Endorsement/Restrictions_Leg 4
59-83	25	AN	Conjunction Ticket_Leg 4
84-108	25	AN	Exchange Ticket_Leg 4
109	1	AN	Coupon Number_Leg 4
110-121	12	AN	Fare Amount Leg 4
122-133	12	AN	Tax Amount Leg 4
134-145	12	AN	Fee Amount Leg 4
146-168	23	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Passenger Itinerary Data (Cont'd) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value 5 .

Passenger Itinerary Data (Cont'd) Edit Criteria

Trip Leg 4 Information Positions: 5-11 Length: 7 Format: Group	Description: Description of the 4th leg of trip.
Carrier Code Positions: 5-6 Length: 2 Format: alphanumeric	Description: Code indicating name of carrier (United Airlines, Jet Blue, etc.). Edited only on Leg 4.
Service Class Positions: 7 Length: 1 Format: alphanumeric	Description: Indicates service class (first class, business class, etc.) Edited only on Leg 4.
Stop-Over Code Positions: 8 Length: 1 Format: alphanumeric	Description: Indicates whether a stopover is allowed on this ticket. Note: Please see <i>BASE II Clearing Data Codes</i> for a list of valid codes.
Destination City/Airport Positions: 9-11 Length: 3 Format: alphanumeric	Description: Indicates destination city's airport code. Edited only on Leg 4.
Fare Basis Code_Leg 4 Positions: 12-17 Length: 6 Format: alphanumeric	Description: Fare basis code used for Leg 4 of the trip.
Flight Number_Leg 4 Positions: 18-22 Length: 5 Format: alphanumeric	Description: Number of the airline flight to be taken on Leg 4 of the trip.
Departure Date_Leg 4 Positions: 23-28 Length: 6 Format: alphanumeric	Description: Date of passenger's departure (MMDDYY) on Leg 4 of the trip.

Passenger Itinerary Data (Cont'd) Edit Criteria

Departure Time_Leg 4 Positions: 29-32 Length: 4 Format: alphanumeric	Description: Time of passenger's departure on Leg 4 of the trip (HHMM). HH = Time in hours (00 to 23) MM = Time in minutes (00 to 59).
Departure Time Segment_Leg 4 Positions: 33 Length: 1 Format: alphanumeric	Description: Time of passenger's departure on Segment Leg 4 of the trip. Note: Please see <i>BASE II Clearing Data Codes</i> for a list of valid codes.
Arrival Time_Leg 4 Positions: 34-37 Length: 4 Format: alphanumeric	Description: Time of passenger's arrival on Leg 4 of the trip (HHMM). HH = Time in hours (00 to 23) MM = Time in minutes (00 to 59)
Arrival Time Segment_Leg 4 Positions: 38 Length: 1 Format: alphanumeric	Description: Time of passenger's arrival on Segment Leg 4 of the trip. Note: Please see <i>BASE II Clearing Data Codes</i> for a list of valid codes.
Endorsement/Restrictions_Leg 4 Positions: 39-58 Length: 20 Format: alphanumeric special character	Description: Indicates endorsement/restrictions for Leg 4 of the trip.
Conjunctions Ticket_Leg 4 Positions: 59-83 Length: 25 Format: alphanumeric	Description: Conjunction ticket information for Leg 4 of the trip.
Exchange Ticket_Leg 4 Positions: 84-108 Length: 25 Format: alphanumeric	Description: Exchange ticket information for Leg 4 of the trip.
Coupon Number_Leg 4 Positions: 109 Length: 1 Format: alphanumeric	Description: Coupon number for Leg 4 of the trip.

Passenger Itinerary Data (Cont'd) Edit Criteria

Fare Amount Leg 4 Positions: 110-121 Length: 12 Format: alphanumeric	Description: This field contains the Fare Amount for Leg 4.
Tax Amount Leg 4 Positions: 122-133 Length: 12 Format: alphanumeric	Description: This field contains the Tax Amount for Leg 4.
Fee Amount Leg 4 Positions: 134-145 Length: 12 Format: alphanumeric	Description: This field contains the Fee Amount for Leg 4.
Reserved Positions: 146-168 Length: 23 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 05 TCR 6 Passenger Transport

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 05 TCR 6 - PASSENGER ITINERARY DATA - INDUSTRY-SPECIFIC DATA - PASSENGER TRANSPORT.

CTF - Incoming Interchange

Passenger Itinerary Data - Industry-Specific Data - Passenger Transport Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-19	15	AN	Ancillary Ticket Document Number
20	1	AN	Ancillary Credit Reason Indicator
21-24	4	AN	Ancillary Service Category 1

Passenger Itinerary Data - Industry-Specific Data - Passenger Transport Record Layout

Position	Field Length	Format	Contents
25-28	4	AN	Ancillary Service Sub-Category 1
29-32	4	AN	Ancillary Service Category 2
33-36	4	AN	Ancillary Service Sub-Category 2
37-40	4	AN	Ancillary Service Category 3
41-44	4	AN	Ancillary Service Sub-Category 3
45-48	4	AN	Ancillary Service Category 4
49-52	4	AN	Ancillary Service Sub-Category 4
53-72	20	ANS	Ancillary Passenger Name
73-87	15	AN	Issued in Connection With Ticket Number
88-168	81	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Passenger Itinerary Data - Industry-Specific Data - Passenger Transport Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value of 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value of 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value of 6 .

Passenger Itinerary Data - Industry-Specific Data - Passenger Transport Edit Criteria

Ancillary Ticket Document Number Positions: 5-19 Length: 15 Format: alphanumeric	Description: This field will contain the form number assigned by the carrier for the transaction. The value of this field is comprised of the carrier code, form, and serial number, without the check digit. This field is required in U.S. domestic originals and reversals in order to qualify for either a custom payment service (CPS) or electronic interchange reimbursement fee (EIRF) fee program.
Ancillary Credit Reason Indicator Positions: 20 Length: 1 Format: alphanumeric	Description: This field contains the Ancillary Credit Reason Indicator. Note: Please see <i>V.I.P. System SMS POS (Visa & Visa Electron) Technical Specifications, Volume 1</i> .
Ancillary Service Category 1 Positions: 21-24 Length: 4 Format: alphanumeric	Description: This field will contain the ancillary service category code for the sole or primary type of service that is being provided. This field is required in U.S. domestic originals and reversals in order to qualify for either a CPS or EIRF fee program.
Ancillary Service Sub-Category 1 Positions: 25-28 Length: 4 Format: alphanumeric	Description: This field will contain a valid ancillary service sub-category code for the Ancillary Service Category 1 field.
Ancillary Service Category 2 Positions: 29-32 Length: 4 Format: alphanumeric	Description: This field will contain an ancillary service category code for an additional second type of service that is being provided.
Ancillary Service Sub-Category 2 Positions: 33-36 Length: 4 Format: alphanumeric	Description: This field will contain a valid ancillary service sub-category code for the Ancillary Service Category 2 field.
Ancillary Service Category 3 Positions: 37-40 Length: 4 Format: alphanumeric	Description: This field will contain an ancillary service category code for an additional third type of service that is being provided.
Ancillary Service Sub-Category 3 Positions: 41-44 Length: 4 Format: alphanumeric	Description: This field will contain a valid ancillary service sub-category code for the Ancillary Service Category 3 field.

Passenger Itinerary Data - Industry-Specific Data - Passenger Transport Edit Criteria

Ancillary Service Category 4 Positions: 45-48 Length: 4 Format: alphanumeric	Description: This field will contain an ancillary service category code for an additional fourth type of service that is being provided.
Ancillary Service Sub-Category 4 Positions: 49-52 Length: 4 Format: alphanumeric	Description: This field will contain a valid ancillary service sub-category code for the Ancillary Service Category 4 field.
Ancillary Passenger Name Positions: 53-72 Length: 20 Format: alphanumeric special character	Description: This field will contain either the passenger's name or the cardholder's name if the passenger's name is unavailable. If the name is not available, a description of the ancillary purchase should be used. This field is required in U.S. domestic originals and reversals in order to qualify for either a CPS or EIRF fee program.
Issued in Connection With Ticket Number Positions: 73-87 Length: 15 Format: alphanumeric	Description: If this purchase has a connection or relationship to another purchase, such as a baggage fee for a passenger transport ticket, this field will contain the ticket document number for the other purchase. For a standalone purchase, this field must contain the same value as the Merchant Name field in TCR 0. This field is required in U.S. domestic originals and reversals in order to qualify for either a CPS or EIRF fee program.
Reserved Positions: 88-168 Length: 81 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 05 TCR 7 Passenger Itinerary Data (Cont'd)

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 05 TCR 7 - PASSENGER ITINERARY DATA (CONT'D).

CTF - Incoming Interchange

Passenger Itinerary Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-8	4	AN	Issuing Carrier
9-11	3	AN	Ticket Type
12-13	1	AN	Document Type
14-38	25	AN	Ticketing Carrier Name
39-56	18	AN	Ticket Issue City
57-64	8	AN	Ticket Issue Date
65-67	3	AN	Number in Party
68	1	AN	Electronic Ticket Indicator
69-70	2	AN	Plan Number
71-78	8	AN	Arrival Date (Overall)
79-98	20	AN	Restriction Indicator Text
99-110	12	AN	Exchange Amount, Summary
111-122	12	AN	Exchange Fee, Summary
123-168	46	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Passenger Itinerary Data (Cont'd) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value of 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value of 0 .

Passenger Itinerary Data (Cont'd) Edit Criteria

Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value of 7 .
Issuing Carrier Positions: 5-8 Length: 4 Format: alphanumeric	Description: This field contains the Issuing Carrier.
Ticket Type Positions: 9-11 Length: 3 Format: alphanumeric	Description: This field contains The Ticket Type.
Document Type Positions: 12-13 Length: 2 Format: alphanumeric	Description: This field contains the Document Type used for identification.
Ticketing Carrier Name Positions: 14-38 Length: 25 Format: alphanumeric	Description: This field contains the Ticketing Carrier Name.
Ticket Issue City Positions: 39-56 Length: 18 Format: alphanumeric	Description: This field contains the name of the city in which the Ticket was Issued.
Ticket Issue Date Positions: 57-64 Length: 8 Format: alphanumeric	Description: This field contains the date in which the Ticket was Issued. Format (MMDDYYYY).
Number in Party Positions: 65-67 Length: 3 Format: alphanumeric	Description: This field contains the number of people in the group, traveling together.

Passenger Itinerary Data (Cont'd) Edit Criteria

Electronic Ticket Indicator Positions: 68 Length: 1 Format: alphanumeric	Description: This field contains the Electronic Ticket Indicator.
Plan Number Positions: 69-70 Length: 2 Format: alphanumeric	Description: This field contains the Plan Number.
Arrival Date (Overall) Positions: 71-78 Length: 8 Format: alphanumeric	Description: This field contains the Arrival Date (Overall). Format (MMDDYYYY).
Restriction Indicator Text Positions: 79-98 Length: 20 Format: alphanumeric	Description: This field contains the Restriction Indicator Text.
Exchange Amount, Summary Positions: 99-110 Length: 12 Format: alphanumeric	Description: This field contains the Exchange Amount, Summary.
Exchange Fee, Summary Positions: 111-122 Length: 12 Format: alphanumeric	Description: This field contains the Exchange Fee, Summary.
Reserved Positions: 123-168 Length: 46 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 06 TCR 0 Enhanced Data - Purchasing Transaction Line Item Detail

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 06 TCR 0 - ENHANCED DATA - PURCHASING TRANSACTION LINE ITEM DETAIL.

CTF - Incoming Interchange

Enhanced Data-Purchasing Transaction Line Item Detail Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-20	4	AN	TC 33 Application Code
21-35	15	AN	Message Identifier
36-38	3	AN	Item Sequence Number
39-50	12	ANS	Item Commodity Code
51-85	35	ANS	Item Descriptor
86-100	15	ANS	Product Code
101-112	12	AN	Quantity
113-124	12	AN	Unit of Measure/Code
125-136	12	AN	Unit Cost
137-148	12	AN	Line Item Total
149-160	12	AN	Discount per Line
161	1	AN	Tax Exempt Indicator
162-166	5	AN	Item Discount - Discount Rate
167	1	AN	Item Level Discount Treatment Code

Enhanced Data-Purchasing Transaction Line Item Detail Record Layout

Position	Field Length	Format	Contents
168	1	AN	Line item Signage

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Enhanced Data-Purchasing Transaction Line Item Detail Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value of 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value of 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value of 0 .
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which the BASE II transaction message is sent. This field contains a valid acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: This field contains the Visa internal identifier of the VIC.
TC 33 Application Code Positions: 17-20 Length: 4 Format: alphanumeric	Description: This TCR group code identifies a group of related Transaction Component Records (TCR0 through TCRE). This field has a static value of CP06 .

Enhanced Data-Purchasing Transaction Line Item Detail Edit Criteria

Message Identifier Positions: 21-35 Length: 15 Format: alphanumeric	Description: A unique message identifier that links a specific capture record among multiple capture records being submitted for a single transaction. All capture records within the same file linked to a single authorization request contain the same message identifier. The same message identifier can be assigned to other related capture records located in additional TCR groups identified by TC 33 Application codes (CP 01 through CP 50).
Item Sequence Number Positions: 36-38 Length: 3 Format: alphanumeric	Description: This field contains a sequence number of the item.
Item Commodity Code Positions: 39-50 Length: 12 Format: alphanumeric special character	Description: This field contains the item commodity code.
Item Descriptor Positions: 51-85 Length: 35 Format: alphanumeric special character	Description: This field contains the item descriptor.
Product Code Positions: 86-100 Length: 15 Format: alphanumeric special character	Description: This field contains the product code.
Quantity Positions: 101-112 Length: 12 Format: alphanumeric	Description: This field contains the quantity.
Unit of Measure/Code Positions: 113-124 Length: 12 Format: alphanumeric	Description: This field contains a code that indicates the unit of measure.
Unit Cost Positions: 125-136 Length: 12 Format: alphanumeric	Description: This field contains the unit cost.

Enhanced Data-Purchasing Transaction Line Item Detail Edit Criteria

Line Item Total Positions: 137-148 Length: 12 Format: alphanumeric	Description: This field contains the line item total.
Discount per Line Positions: 149-160 Length: 12 Format: alphanumeric	Description: This field contains the discount per line.
Tax Exempt Indicator Positions: 161 Length: 1 Format: alphanumeric	Description: This field contains a value that indicates whether the transaction is tax-exempt.
Item Discount - Discount Rate Positions: 162-166 Length: 5 Format: alphanumeric	Description: This field contains the discount rate for the item.
Item Level Discount Treatment Code Positions: 167 Length: 1 Format: alphanumeric	Description: This field contains the discount treatment code for the item.
Line item Signage Positions: 168 Length: 1 Format: alphanumeric	Description: This field contains a line item signage value (D : Positive (Purchase/Payment) or C : Negative (Credit)).

TC 33.A - CP 06 TCR 1 Purchasing Transaction Line Item Detail (Cont'd)

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 06 TCR 1 - ENHANCED DATA - PURCHASING TRANSACTION LINE ITEM DETAIL (CONT'D).

CTF - Incoming Interchange

Enhanced Data-Purchasing Transaction Line Item Detail (Cont'd) Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-16	12	AN	VAT/Tax Amount
17-20	4	AN	VAT/Tax Rate
21-22	2	AN	Type of Supply
23-37	15	ANS	Unique VAT Invoice Reference Number
38-168	131	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Enhanced Data-Purchasing Transaction Line Item Detail (Cont'd) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value of 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value of 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value of 1 .
VAT/Tax Amount Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field contains the value added tax (VAT) amount.

Enhanced Data-Purchasing Transaction Line Item Detail (Cont'd) Edit Criteria

VAT/Tax Rate Positions: 17-20 Length: 4 Format: alphanumeric	Description: This field contains the VAT rate.
Type of Supply Positions: 21-22 Length: 2 Format: alphanumeric	Description: This field contains a code that indicates the supply type.
Unique VAT Invoice Reference Number Positions: 23-37 Length: 15 Format: alphanumeric special character	Description: This field contains the VAT invoice reference number.
Reserved Positions: 38-168 Length: 131 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 07 TCR 0 Country Data

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 07 TCR 0 - COUNTRY DATA.

Country Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-20	4	AN	TC 33 Application Code
21-35	15	AN	Message Identifier

Country Data Record Layout

Position	Field Length	Format	Contents
36-40	5	AN	Special Merchant Identifier
41	1	AN	Special Purchase Identifier
42-43	2	AN	Account Selection
44-47	4	ANS	Account Accessed
48-50	3	AN	Mastercard Bill Payment Transaction Type Identifier
51	1	AN	Mastercard Combination Card Transaction Identifier
52-90	39	AN	Mastercard Post-Dated Transaction Details
91-96	6	AN	Mastercard Promotion Code
97-168	72	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Country Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field will contain the value of 0 .
Destination Identifier Positions: 5-10 Length: 6 Format: alphanumeric	Description: This field will be spaced-filled.

Country Data Edit Criteria

Source Identifier Positions: 11-16 Length: 6 Format: alphanumeric	Description: This field will contain the value static value of 481222 - CYBS or 479913 (MDEX).
TC 33 Application Code Positions: 17-20 Length: 14 Format: alphanumeric	Description: This field will contain the static value set to CP07 .
Message Identifier Positions: 21-35 Length: 15 Format: alphanumeric	Description: A unique message identifier that links a specific capture record among multiple capture records being submitted for a single transaction. All capture records within the same file linked to a single authorization request contain the same message identifier. The same message identifier can be assigned to other related capture records located in additional TCR groups identified by TC 33 application codes (CP01 through CP50).
Special Merchant Identifier Positions: 36-40 Length: 5 Format: alphanumeric	Description: This field will contain the special merchant identifier.
Special Purchase Identifier Positions: 41 Length: 1 Format: alphanumeric	Description: This field will contain the special purchase identifier. Values: 1 = Commissioned Purchase 2 = COBAN 3 = Carne 4 = Commissioned Purchase 2 5 = Crediario Note: For Crediario Installment Payment, the value must be 5 .
Account Selection Positions: 42-43 Length: 2 Format: alphanumeric	Description: A 2-digit code identifying the account type from which an account transfer is made. 00 = Not Applicable 10 = Savings Account 20 = Checking Account 30 = Credit Card Account 31 = Credit Facility - Line of Credit (Agro/BNDES) 40 = Universal Account 60 = Visa Vale Prepaid Products

Country Data Edit Criteria

Account Accessed Positions: 44-47 Length: 4 Format: alphanumeric	Description: This field will contain the total amount funded. Values: AGRO = Visa Agro AGRE = Visa Agro Electron AGRC = Visa Agro Custeio AGRI = Visa Agro Investimento VVA = Visa Vale Alimentacao VVR = Visa Vale Refeicao VVF = Visa Vale Flex
Mastercard Bill Payment Transaction Type Identifier Positions: 48-50 Length: 3 Format: alphanumeric	Description: This field must contain one of these Mastercard Bill Payment Transaction Type Identifier values: C91 (Utility payments-Brazil domestic transactions) C92 (Government services-Brazil domestic transactions) C93 (Mobile phone top-ups-Brazil domestic transactions) C94 (Coupon booklet payments (CARNE)-Brazil domestic transactions) Note: Mapping: F104 U2 DSID 65 T32 => DE 48, SE 77 (AN-3)
Mastercard Combination Card Transaction Identifier Positions: 51 Length: 1 Format: alphanumeric	Description: This field will contain one of these values for Mastercard Brazil-issued combination card transactions: C = Credit Transaction D = Debit Transaction Note: Mapping: F104 U2 DSID 65 T33 => DE 48, SE 14 (AN-1)
Mastercard Post-Dated Transaction Details Positions: 52-90 Length: 39 Format: alphanumeric	Description: This field will contain Mastercard post-dated transaction details for Brazil only. The Layout of this field is as follows: <ul style="list-style-type: none"> • Position 1-2, values 30 (post-dated with guarantee); value of 31 (post-dated without guarantee) • Position 3, value of 1 (number of installments) • Position 4, value (Y = with guarantee; N = no guarantee) • Position 5-12, guarantee amount • Position 13-18, mmddyy (post settlement date) • Position 19-24, mmddyy (original Mastercard settlement date) • Position 25-33, Banknet Reference Number • Position 34-39, Online Authorization Code by issuer. Note: Mapping: F104 U2 DSID 65 T06 => DE 112, SE 18

Country Data Edit Criteria

Mastercard Promotion Code Positions: 91-96 Length: 6 Format: alphanumeric	Description: This field will contain the Mastercard Promotion Code. Mapping: F104 U2 DSID 65 T05 => DE48, SE 95 (AN-6)
Reserved Positions: 97-168 Length: 72 Format: alphanumeric	Description: This field will contain spaces.

TC 33.A - CP 07 TCR 1 Brazil Country Data - PARC

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 07 TCR 1 - BRAZIL COUNTRY DATA - PARC.

Brazil Country Data - PARC Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-6	2	AN	Installment Type
7-8	2	AN	Number of Installments
9	1	AN	Merchant Installment Supporting Information
10-168	159	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Brazil Country Data - PARC Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field will contain the value of 1 .
Installment Type Positions: 5-6 Length: 2 Format: alphanumeric	Description: This field will be space-filled. Values: 88 - Merchant Installment 99 - Issuer Installments
Number of Installments Positions: 7-8 Length: 2 Format: alphanumeric	Description: This field will contain the number of installments.

Brazil Country Data - PARC Edit Criteria

Merchant Installment Supporting Information Positions: 9 Length: 1 Format: alphanumeric	Description: This field will contain the merchant installment supporting information. Values: 0 = Regular Installment (Not Allowed for Airlines) 1 = Installment Payment with Down Payment 2 = Installment Payment without Down Payment (Airlines only) 3 = Installment Payment where Down Payment and Boarding Fee will follow (Airlines only) 4 = Down Payment only. Regular Installment will follow. 5 = Boarding Fee only (Airlines only).
Reserved Positions: 10-168 Length: 159 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 07 TCR 2 Brazil Country Data - BNDES

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 07 TCR 2 - BRAZIL COUNTRY DATA - BNDES.

Brazil Country Data - BNDES Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-6	2	AN	Business Format Code
7-21	15	AN	Cardholder Tax ID
22-25	4	AN	Cardholder Tax ID Type
26	1	AN	Asset Indicator
27-46	20	AN	Loan Type

Brazil Country Data - BNDES Record Layout

Position	Field Length	Format	Contents
47-168	122	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Brazil Country Data - BNDES Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field will contain the value of 2 .
Business Format Code Positions: 5-6 Length: 2 Format: alphanumeric	Description: This is a fixed value of LD .
Cardholder Tax ID Positions: 7-21 Length: 15 Format: alphanumeric	Description: This field will contain the number of installments.
Cardholder Tax ID Type Positions: 22-25 Length: 4 Format: alphanumeric	Description: This field will contain the merchant installment supporting information. Values: CNPJ = Company Tax ID CPF = Consumer Tax ID

Brazil Country Data - BNDES Edit Criteria

Asset Indicator Positions: 26 Length: 1 Format: alphanumeric	Description: This field will contain the asset indicator. Values: Y or N
Loan Type Positions: 27-46 Length: 20 Format: alphanumeric	Description: This field will contain the loan type name.
Reserved Positions: 47-168 Length: 122 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 07 TCR 3 Brazil Country Data - American Express

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 07 TCR 3 - BRAZIL COUNTRY DATA - AMERICAN EXPRESS INSTALLMENT PAYMENT.

Brazil Country Data - American Express Installment Payment Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-6	2	AN	Plan Type
7-8	2	AN	Number of Installments
9-168	160	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Brazil Country Data - American Express Installment Payment Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field will contain the value of 3 .
Plan Type Positions: 5-6 Length: 2 Format: alphanumeric	Description: This field will contain the AMEX plan type.
Number of Installments Positions: 7-8 Length: 2 Format: alphanumeric	Description: This field will contain the number of installments.
Reserved Positions: 9-168 Length: 160 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 07 TCR 4 Commercial Mastercard Installment Payments

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 07 TCR 4 - COMMERCIAL MASTERCARD INSTALLMENT PAYMENTS.

Commercial Mastercard Installment Payments Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-24	20	ANS	Financing Type
25	1	AN	Buyer Type ID
26-39	14	ANS	Buyer ID
40-50	11	ANS	Buyer Phone Number
51-70	20	ANS	Purchase Identification
71-72	2	AN	Installment Cycles
73-90	18	AN	Interest Rate
91-93	3	AN	Grace Period
94-96	3	AN	Grace Period Cycle
97-114	18	AN	Grace Period Interest Rate
115-134	20	AN	Reference Field 1
135-154	20	AN	Reference Field 2
155-168	14	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Commercial Mastercard Installment Payments Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field will contain the value of 4 .
Financing Type Positions: 5-24 Length: 20 Format: alphanumeric special character	Description: This field will contain the financing type.
Buyer ID Type Positions: 25 Length: 1 Format: alphanumeric	Description: This field will contain the buyer ID type.
Buyer ID Positions: 26-39 Length: 14 Format: alphanumeric special character	Description: This field will contain the buyer ID.
Buyer Phone Number Positions: 40-50 Length: 11 Format: alphanumeric special character	Description: This field will contain the buyer phone number.

Commercial Mastercard Installment Payments Edit Criteria

Purchase Identification Positions: 51-70 Length: 20 Format: alphanumeric	Description: This field will contain the purchase identification.
Installment Cycles Positions: 71-72 Length: 2 Format: alphanumeric	Description: This field will contain the installment cycles information.
Interest Rate Positions: 73-90 Length: 18 Format: alphanumeric	Description: This field will contain the interest rate.
Grace Period Positions: 91-93 Length: 3 Format: alphanumeric	Description: This field will contain the grace period information.
Grace Period Cycle Positions: 94-96 Length: 3 Format: alphanumeric	Description: This field will contain the grace period cycle.
Grace Period Interest Rate Positions: 97-114 Length: 18 Format: alphanumeric	Description: This field will contain the grace period interest rate.
Reference Field 1 Positions: 115-134 Length: 20 Format: alphanumeric	Description: This field will contain the Mastercard Reference Field 1. Mapping: F104 U2 DSID 65 T06 => DE 112 (pos 111-130)

Commercial Mastercard Installment Payments Edit Criteria

Reference Field 2 Positions: 135-154 Length: 20 Format: alphanumeric	Description: This field will contain the Mastercard Reference Field 2. Mapping: F104 U2 DSID 65 T06 => DE 112 (pos 131-150)
Reserved Positions: 155-168 Length: 14 Format: alphanumeric	Description: This field will contain spaces.

TC 33.A - CP 07 TCR 5 Consumer Mastercard Installment Payments

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 07 TCR 5 - CONSUMER MASTERCARD INSTALLMENT PAYMENTS.

Consumer Mastercard Installment Payments Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-11	7	AN	Insurance Amount
12-15	4	AN	Percent Insurance of Total Amount
16-20	5	AN	Percent Amount to Merchant of Total Amount
21-24	4	AN	Monthly Interest Rate
25-31	7	AN	Fee Amount
32-38	7	AN	Total Amount to Merchant
39-45	7	AN	Tax Amount
46-49	4	AN	Percent Fee of Total Amount
50-53	4	AN	Percent Taxes of Total Amount
54-60	7	AN	Other Amount
61-64	4	AN	Percent Other of Total Amount

Consumer Mastercard Installment Payments Record Layout

Position	Field Length	Format	Contents
65-71	7	AN	Percent Total Effective Cost
72-83	12	AN	Total Effective Cost
84-168	85	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Consumer Mastercard Installment Payments Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field will contain the value of 5 .
Insurance Amount Positions: 5-11 Length: 7 Format: alphanumeric	Description: This field contains the insurance amount. Mapping: F104 U2 DSID 65 T06=> DE 112 SE 16 (pos 35-41)
Percent Insurance of Total Amount Positions: 12-15 Length: 4 Format: alphanumeric	Description: This field contains the Percent Insurance of Total Amount. Mapping: F104 U2 DSID 65 T06=> DE 112 SE 16 (pos 42-45)

Consumer Mastercard Installment Payments Edit Criteria

Percent Amount to Merchant of Total Amount Positions: 16-20 Length: 5 Format: alphanumeric	Description: This field contains the Percent Amount to Merchant of Total Amount. Mapping: F104 U2 DSID 65 T06=> DE 112 SE 16 (pos 64-67)
Monthly Interest Rate Positions: 21-24 Length: 4 Format: alphanumeric	Description: This field contains the Monthly Interest Rate. Mapping: F104 U2 DSID 65 T06=> DE 112 SE 2 (pos 29-32)
Fee Amount Positions: 25-31 Length: 7 Format: alphanumeric	Description: This field contains the Fee Amount. Mapping: F104 U2 DSID 65 T06=> DE 112 SE 16 (pos 24-30)
Total Amount to Merchant Positions: 32-38 Length: 7 Format: alphanumeric	Description: This field contains the Total Amount to Merchant. Mapping: F104 U2 DSID 65 T06=> DE 112 SE 16 (pos 57-63)
Tax Amount Positions: 39-45 Length: 7 Format: alphanumeric	Description: This field contains the Total Tax Amount. Mapping: F104 U2 DSID 65 T06=> DE 112 SE 16 (pos 13-19)
Percent Fee of Total Amount Positions: 46-49 Length: 4 Format: alphanumeric	Description: This field contains the Percent Fee of Total Amount. Mapping: F104 U2 DSID 65 T06=> DE 112 SE 16 (pos 31-34)
Percent Taxes of Total Amount Positions: 50-53 Length: 4 Format: alphanumeric	Description: This field contains the Percent Taxes of Total Amount. Mapping: F104 U2 DSID 65 T06=> DE 112 SE 16 (pos 20-23)
Other Amount Positions: 54-60 Length: 7 Format: alphanumeric	Description: This field contains the "Other" Amount. Mapping: F104 U2 DSID 65 T06=> DE 112 SE 16 (pos 46-52)

Consumer Mastercard Installment Payments Edit Criteria

Percent Other Of Total Amount Positions: 61-64 Length: 4 Format: alphanumeric	Description: This field contains the Percent Other of Total Amount. Mapping: F104 U2 DSID 65 T06=> DE 112 SE 16 (pos 53-56)
Percent Total Effective Cost Positions: 65-71 Length: 7 Format: alphanumeric	Description: This field contains the Percent Total Effective Cost Amount. Mapping: F104 U2 DSID 65 T06=> DE 112 SE 16 (pos 68-74)
Total Effective Cost Positions: 72-83 Length: 12 Format: alphanumeric	Description: This field contains the Total Effective Cost Amount. Mapping: F104 U2 DSID 65 T06=> DE 112 SE 16 (pos 1-12)
Reserved Positions: 84-168 Length: 85 Format: alphanumeric	Description: This field contains spaces.

TC 33.A - CP 07 TCR 6 Brazil Country Data - Mastercard BNDES1

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 07 TCR 6 - BRAZIL COUNTRY DATA - MASTERCARD BNDES1.

Brazil Country Data-Mastercard BNDES 1 Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-24	20	AN	Financing Type
25	1	AN	Buyer ID Type
26-39	14	AN	Buyer ID
40-59	20	AN	BNDES Reference Field 1

Brazil Country Data-Mastercard BNDES 1 Record Layout

Position	Field Length	Format	Contents
60-168	109	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Brazil Country Data-Mastercard BNDES 1 Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field will contain the value of 6 .
Financing Type Positions: 5-24 Length: 20 Format: alphanumeric	Description: This field will contain the Financing Type.
Buyer ID Type Positions: 25 Length: 1 Format: alphanumeric	Description: This field will contain the Buyer ID Type.
Buyer ID Positions: 26-39 Length: 14 Format: alphanumeric	Description: This field will contain the Buyer ID with the CNPJ number (Buyer company tax ID).

Brazil Country Data-Mastercard BNDES 1 Edit Criteria

BNDES Reference Field 1 Positions: 40-59 Length: 20 Format: alphanumeric	Description: This field will contain the CNPJ number (Merchant Brazilian tax ID).
Reserved Positions: 60-168 Length: 109 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 07 TCR 7 Debt Repayment Information

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 07 TCR 7 - DEBT REPAYMENT INFORMATION.

Debt Repayment Information Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-39	35	ANS	Debt Repayment Recipient Last Name
40-49	10	ANS	Debt Repayment Recipient Postal Code
50-57	8	AN	Debt Repayment Recipient Date of Birth
58-77	20	AN	Debt Repayment Recipient Account Number
78-168	91	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Debt Repayment Information Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain a 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain a 0 (zero).
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field will contain a 7 .
Debt Repayment Recipient Last Name Positions: 5-39 Length: 35 Format: alphanumeric special character	Description: This field will contain the Recipient Last Name. Mapping: F104 U2 DSID 65 T06=> MC DE 112 SE 33 SF1
Debt Repayment Recipient Postal Code Positions: 40-49 Length: 10 Format: alphanumeric special character	Description: This field will contain the Recipient Postal Code. Mapping: F104 U2 DSID 65 T06=> MC DE 112 SE 33 SF2
Debt Repayment Recipient Date of Birth Positions: 50-57 Length: 8 Format: alphanumeric	Description: This field will contain the Recipient Date of Birth. Mapping: F104 U2 DSID 65 T06=> MC DE 112 SE 33 SF3

Debt Repayment Information Edit Criteria

Debt Repayment Recipient Account Number Positions: 58-77 Length: 20 Format: alphanumeric	Description: This field will contain the Recipient Account Number. Mapping: F104 U2 DSID 65 T06=> MC DE 112 SE 33 SF4
Reserved Positions: 97-168 Length: 91 Format: alphanumeric	Description: This field will contain spaces.

TC 33.A - CP07 TCR 9 EU Specific Processing

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 07 TCR 9 - EU SPECIFIC PROCESSING.

EU Specific Processing Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5	1	AN	Delegated Authentication Indicator
6-13	8	ANS	Visa Merchant ID
14-17	4	AN	Spain - Local MCC
18-32	15	AN	Spain - Local Merchant ID
33-168	136	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

EU Specific Processing Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field will contain the value of 9 .
Delegated Authentication Indicator Positions: 5 Length: 1 Format: alphanumeric	Description: This field will contain one of the following values: <ul style="list-style-type: none">• 0 (Delegated authentication does not apply to the transaction)• 1 (Issuer has delegated SCA)
Visa Merchant ID Positions: 6-13 Length: 8 Format: alphanumeric special character	Description: This field will contain a unique identifier value assigned by Visa for each merchant included in the identification program.
Spain - Local MCC Positions: 14-17 Length: 4 Format: alphanumeric	Description: This field will contain the domestic MCC when it is different from the international MCC.
Spain - Local Merchant ID Positions: 18-32 Length: 15 Format: alphanumeric	Description: This field will contain the Spanish Merchant ID.
Reserved Positions: 34-168 Length: 136 Format: alphanumeric	Description: This field is reserved for future use.

TC 33.A - CP 08 TCR 0 Discretionary Data - Default TCR

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 08 TCR 0 - DISCRETIONARY DATA - DEFAULT TCR.

Discretionary Data-Default TCR Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-20	4	AN	TC33 Application Code
21-35	15	AN	Message Identifier
36-168	133	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Discretionary Data-Default TCR Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 (TC 33.A capture transactions (acquirer)).
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).

Discretionary Data-Default TCR Edit Criteria

Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field will contain the value of 0 (zero).
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which this transaction message is sent. This field will contain a valid acquiring or issuing identifier or zeros.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which this BASE II transaction message is sent. This field will contain a valid Visa internal identifier or zeros.
TC 33 Application Code Positions: 17-20 Length: 4 Format: alphanumeric	Description: This field will contain the static value set to CP08 (Discretionary data).
Message Identifier Positions: 21-35 Length: 15 Format: alphanumeric	Description: This field will contain a unique message identifier that links a specific capture record among multiple capture records being submitted for a single transaction. All capture records within the same file linked to a single authorization request contain the same message identifier. The same message identifier can be assigned to other related capture records located in additional TCR groups identified by TC 33 application codes (CP01 through CP50).
Reserved Positions: 36-168 Length: 133 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 08 TCR 1 Free Form Text

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 08 TCR 1 - FREE FORM TEXT.

Free Form Text Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-168	164	ANS	Free Form Text

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Free Form Text Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 (TC 33.A capture transactions (acquirer)).
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field will contain the value of 1 (one).
Free Form Text Positions: 5-168 Length: 164 Format: alphanumeric special character	Description: This field will contain the free form text data from Field 48, Usage 2 — Unformatted Text in Authorization Messages.

TC 33.A - CP 09 TCR 0 Push Payment - Default

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 09 TCR 0 - PUSH PAYMENT - DEFAULT.

Push Payment-Default Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-20	4	AN	TC 33 Application Code
21-35	15	AN	Message Identifier
36-47	12	AN	AFT Foreign Exchange Fee
48-168	121	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Push Payment-Default Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value 0 .

Push Payment-Default Edit Criteria

Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value 0 .
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which the BASE II transaction message is sent. This field will contain a valid acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: This field contains the Visa internal identifier of the VIC.
TC 33 Application Code Positions: 17-20 Length: 4 Format: alphanumeric	Description: This TCR group code identifies a group of related Transaction Component Records (TCR 0 through TCR E). This field has a static value of CP 09 .
Message Identifier Positions: 21-35 Length: 15 Format: alphanumeric	Description: A unique message identifier that links a specific capture record among multiple capture records being submitted for a single transaction. All capture records within the same file linked to a single authorization request contain the same message identifier. The same message identifier can be assigned to other related capture records located in additional TCR groups identified by TC 33 Application codes (CP 01 through CP 50).
AFT Foreign Exchange Fee Positions: 36-47 Length: 12 Format: alphanumeric	Description: This field contains the AFT Foreign Exchange Fee. Mapping: F54 positions 9-20
Reserved Positions: 48-168 Length: 121 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.A - CP 09 TCR 1 Push Payment - Original Credit Transactions

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 09 TCR 1 - PUSH PAYMENT - ORIGINAL CREDIT TRANSACTION.

Push Payment-Original Credit Transaction Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-6	2	AN	Business Format Code
7-36	30	ANS	Money Transfer Recipient Name
37-38	2	AN	Source of Funds
39-58	20	AN	Claims Code
59-78	20	AN	Tax Document Type
79-168	90	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Push Payment-Original Credit Transaction Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value 0 .

Push Payment-Original Credit Transaction Edit Criteria

Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value 1 .
Business Format Code Positions: 5-6 Length: 2 Format: alphanumeric	Description: This field will contain OC (Original Credit).
Money Transfer Recipient Name Positions: 7-36 Length: 30 Format: alphanumeric special character	Description: This field contains the money transfer recipient name.
Source of Funds Positions: 37-38 Length: 2 Format: alphanumeric	Description: This field should contain one of these values: 1 = Cash 2 = Check 3 = Card 4 = Cash and Check

Push Payment-Original Credit Transaction Edit Criteria

Claims Code Positions: 39-58 Length: 20 Format: alphanumeric	Description: This field contains the claims code.				
Tax Document Type Positions: 59-78 Length: 20 Format: alphanumeric	Description: This field will contain the Tax Document Type in OCT transactions in Latin America.				
	Values:				
	Country	Tax Identifier	Description	Field	Comments
	Argentina	CUIT	Codigo Unico de Identificacion Tributaria	Tag 05-Merchant VAT Registration/Single Business Reference Number	Business tax identification
		CUIT	Codigo Unico de Identificacion Tributaria	Tag 06-Customer VAT Registration Number	Individual tax identification
	Brazil	CNPJ	Cadastro Nacional de Pessoas Juridicas	Tag 05-Merchant VAT Registration/Single Business Reference Number	Business tax identification
		CPF	Cadastro de Pessoas Fisicas	Tag 06-Customer VAT Registration Number	Individual tax identification
	Chile	RUT	Rol Unico Tributario	Tag 05-Merchant VAT Registration/Single Business Reference Number	Business tax identification
		RUT	Rol Unico Tributario	Tag 06-Customer VAT Registration Number	Individual tax identification
	Colombia	NIT	Numero de Identificacion Tributaria	Tag 05-Merchant VAT Registration/Single Business Reference Number	Business tax identification
		CC, CE, or PASS	Cedula de Ciudadania	Tag 06-Customer VAT Registration Number	Individual tax identification

Push Payment-Original Credit Transaction Edit Criteria

Tax Document Type (continued) Positions: 59-78 Length: 20 Format: alphanumeric	Description: This field will contain the Tax Document Type in OCT transactions in Latin America. Values: <table><thead><tr><th>Country</th><th>Tax Identifier</th><th>Description</th><th>Field</th><th>Comments</th></tr></thead><tbody><tr><td rowspan="2">Peru</td><td>RUC</td><td>Registro Unico de Contribuyentes</td><td>Tag 05-Merchant VAT Registration/Single Business Reference Number</td><td>Business tax identification</td></tr><tr><td>DNI</td><td>Documento Nacional de Identidad</td><td>Tag 06-Customer VAT Registration Number</td><td>Individual tax identification</td></tr></tbody></table>	Country	Tax Identifier	Description	Field	Comments	Peru	RUC	Registro Unico de Contribuyentes	Tag 05-Merchant VAT Registration/Single Business Reference Number	Business tax identification	DNI	Documento Nacional de Identidad	Tag 06-Customer VAT Registration Number	Individual tax identification
Country	Tax Identifier	Description	Field	Comments											
Peru	RUC	Registro Unico de Contribuyentes	Tag 05-Merchant VAT Registration/Single Business Reference Number	Business tax identification											
	DNI	Documento Nacional de Identidad	Tag 06-Customer VAT Registration Number	Individual tax identification											
Reserved Positions: 79-168 Length: 90 Format: alphanumeric	Description: This field is space-filled.														

TC 33.A - CP 09 TCR 2 Original Credit Transaction - Additional Details

These tables contain the Multipurpose Message (TC 33.A) record layout and edit criteria for CP 09 TCR 2 - PUSH PAYMENT - ORIGINAL CREDIT TRANSACTION - ADDITIONAL DETAILS.

Push Payment-Original Credit Transaction-Additional Details Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	AN	Transaction Component Sequence Number
5-20	16	AN	Sender Reference Number

Push Payment-Original Credit Transaction-Additional Details Record Layout

Position	Field Length	Format	Contents
21-54	34	AN	Sender Account Number
55-84	30	AN	Sender Name
85-119	35	AN	Sender Address
120-144	25	AN	Sender City
145-146	2	AN	Sender State/Province
147-149	3	AN	Sender Country
150-168	19	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Push Payment-Original Credit Transaction-Additional Details Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value 33 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field contains the value 0 .
Transaction Component Sequence Number Positions: 4 Length: 1 Format: alphanumeric	Description: This field contains the value 2 .
Sender Reference Number Positions: 5-20 Length: 16 Format: alphanumeric	Description: This field contains the sender's reference number.

Push Payment-Original Credit Transaction-Additional Details Edit Criteria

Sender Account Number Positions: 21-54 Length: 34 Format: alphanumeric special character	Description: This field contains the sender's account number.
Sender Name Positions: 55-84 Length: 30 Format: alphanumeric	Description: This field contains the sender's name.
Sender Address Positions: 85-119 Length: 35 Format: alphanumeric	Description: This field contains the sender's address.
Sender City Positions: 120-144 Length: 25 Format: alphanumeric	Description: This field contains the sender's city name.
Sender State/Province Positions: 145-146 Length: 2 Format: alphanumeric	Description: This field contains the sender's state/province code.
Sender Country Positions: 147-149 Length: 3 Format: alphanumeric	Description: This field contains the sender's country code.
Reserved Positions: 150-168 Length: 19 Format: alphanumeric	Description: This field is reserved; space-filled.

Chapter 12

33.B Capture Transactions (Merchant)

TC 33 - Capture File

TCR 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, A are supported for capture processing in the TC 33.B Capture Transactions

BASE II File Format and Structure

The TC 33 Merchant Capture File and the TC 33 Merchant Acknowledgment File conform to the BASE II file format and structure. Both files are sequential, fixed-block files.

ITF File Format

The TC 33 Merchant Capture File and the TC 33 Merchant Acknowledgment File are processed in the Interchange Transaction File (ITF) format. The ITF format is always used for files sent to or received from Visa.

Data Encoding — EBCDIC

The TC 33 Merchant Capture File and the TC 33 Merchant Acknowledgment File data are delivered in the Extended Binary Coded Decimal Interchange Code (EBCDIC). MDEX identifiers participating in the MDEX Clearing Flow Option Program must be able to create outgoing files in EBCDIC before sending them to Visa. MDEX identifiers must also be able to convert the incoming EBCDIC files to the appropriate format before processing them in their Host system.

BASE II File Structure

Each BASE II file contains one or more logical transactions, each of which is defined by a transaction code (TC) that is comprised of one or more transaction component records (TCRs).

All of the TCRs for a TC have the same two-character transaction code in positions 1-2. The Transaction Component Sequence Number field, position 6, contains the TCR number. Each TC has a set number of TCRs, that are specific to that TC. Each TCR serves a different purpose in the TC. Depending on the specific transaction requirements, the endpoint may use from one to all of the TCRs. In other words, the TCR numbers in a TC are not necessarily consecutive and may skip one or more numbers. However, all of the TCRs in a TC must be in numerical sequence from lowest to highest. The first record in every BASE II file is a TC 90-Header Record. It contains information such as the CIB, security code, and BASE II processing date. TC 90s have only one TCR, though there are separate TCR layouts for outgoing files, incoming files, and the ITF format:

- TC 90—Header Record, TCR 0-Outgoing ITF
- TC 90—Header Record, TCR 0-Incoming ITF

Immediately following the TC 90—Header Record is the transaction data. Each file may contain one to any number of transaction data records, each identified by a TC. The TCs and TCRs within a file can be widely varied, and their order and structure are dictated by the TCs and TCRs within them.

Every BASE II file must have at least one TC 91—Batch Trailer record that is the penultimate record in the file. Files with multiple batches must also have an additional separate TC 91 record, that is the last record in each batch. TC 91 records are used for batch control totals, and as a batch boundary indicator at the end of each batch.

TC 33 Merchant Capture File Structure

Each Merchant Capture file is comprised of multiple TC 33 Multipurpose records. These records include a TC 33 file header that is identified by value of **HDRM** in the File Identifier - Merchant Capture File Header field, a TC 33 file trailer identified by the value of **TLRM** in the File Identifier - Merchant Capture File Trailer field, a TC 33 acquirer file header that is identified by value of **HDRA** in the File Identifier - Merchant Capture File Acquirer Header field, a TC 33 acquirer file trailer that is identified by the value of **TRLA** in the File Identifier Merchant Capture File - Acquirer Trailer field, and multiple TC 33 capture data records that are identified by a value of **CPnn**. Each TC 33 CPnn capture data record contains one or more logical transactions, each of which is defined by the transaction code TC 33, and may contain one or more transaction component records (TCRs). Each TCR is 170 bytes long.

All related transaction TCRs for a given transaction are linked by the same value in the Message Identifier field, positions 23-37, in the TCR 0 record. All TCRs in a transaction have the same two-character transaction code **33** in positions 1-2. The Transaction Component Sequence Number field, position 6, gives the TCR number (**0** thru **E**) within the TCR group. Each TCR group must start with TCR 0 record. All TCRs must be in ascending order within the TCR group.

TC 33.B - TCR 0 Capture - File Header - Merchant

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for TCR 0 - CAPTURE - FILE HEADER -MERCHANT.

ITF - Incoming Interchange

Capture-File Header-Merchant Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-12	6	UN	Destination Identifier
13-18	6	UN	Source Identifier
19-22	4	AN	File Identifier - Merchant Capture File Header
23-26	4	UN	Capture File Number
27-34	8	UN	Capture Creation Date

Capture-File Header-Merchant Record Layout

Position	Field Length	Format	Contents
35-170	136	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Capture-File Header-Merchant Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted. The field must contain spaces for computers that do not generate hash totals.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 0 (zero).
Destination Identifier Positions: 7-12 Length: 6 Format: unpacked numeric	Description: This field will contain the destination identifier of the VIC.
Source Identifier Positions: 13-18 Length: 6 Format: unpacked numeric	Description: This field will contain the MDEX identifier.

Capture-File Header-Merchant Edit Criteria

File Identifier - Merchant Capture File Header Positions: 19-22 Length: 4 Format: alphanumeric	Description: This field will contain the value of HDRM .
Capture File Number Positions: 23-26 Length: 4 Format: unpacked numeric	Description: This field will contain a file number submitted by the MDEX merchant. This number may be used to match a capture file with a corresponding acknowledgment file.
Capture Creation Date Positions: 27-34 Length: 8 Format: unpacked numeric	Description: This field will contain the date that the capture file was sent to Visa in the following format: mmddyyyy . This field may also be used to match a capture file with a corresponding acknowledgment file.
Reserved Positions: 35-170 Length: 136 Format: alphanumeric	Description: This field will contain all spaces .

TC 33.B - TCR 0 Capture- File Header - Acquirer

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for TCR 0 - CAPTURE - FILE HEADER -ACQUIRER.

ITF - Incoming Interchange

Capture-File Header-Acquirer Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-12	6	UN	Destination Identifier

Capture-File Header-Acquirer Record Layout

Position	Field Length	Format	Contents
13-18	6	UN	Source Identifier
19-22	4	AN	File Identifier Merchant Capture File - Acquirer Header
23-26	4	UN	Merchant PCR
27-170	144	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Capture-File Header-Acquirer Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted. The field must contain spaces for computers that do not generate hash totals.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field contains the value of 0 (zero).
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field contains the value 0 (zero).
Destination Identifier Positions: 7-12 Length: 6 Format: unpacked numeric	Description: This field will contain the destination identifier of the VIC.

Capture-File Header-Acquirer Edit Criteria

Source Identifier Positions: 13-18 Length: 6 Format: unpacked numeric	Description: This field will contain the MDEX identifier.
File Identifier Merchant Capture File - Acquirer Header Positions: 19-22 Length: 4 Format: alphanumeric	Description: This field will contain the value of HDRA .
Merchant PCR Positions: 23-26 Length: 4 Format: alphanumeric	Description: This field will contain the MDEX endpoint's processor control record (PCR).
Reserved Positions: 27-170 Length: 144 Format: alphanumeric	Description: This field will contain all spaces .

TC 33.B - TCR 0 Capture - File Trailer - Merchant

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for TCR 0 - CAPTURE - FILE TRAILER - MERCHANT.

ITF - Incoming Interchange

Capture-File Trailer-Merchant Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-12	6	UN	Destination Identifier

Capture-File Trailer-Merchant Record Layout

Position	Field Length	Format	Contents
13-18	6	UN	Source Identifier
19-22	4	AN	File Identifier - Merchant Capture File Trailer
23-26	4	UN	Capture File Number
27-34	8	UN	Capture Creation Date
35-43	9	UN	Total Transaction Count
44-63	20	UN	Total Transaction Hash Amount
64-170	107	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Capture-File Trailer-Merchant Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted. The field must contain spaces for computers that do not generate hash totals.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field contains the value of 0 (zero).
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field contains the value of 0 (zero).
Destination Identifier Positions: 7-12 Length: 6 Format: unpacked numeric	Description: This field will contain the destination identifier of the VIC.

Capture-File Trailer-Merchant Edit Criteria

Source Identifier Positions: 13-18 Length: 6 Format: unpacked numeric	Description: This field will contain the MDEX identifier.
File Identifier - Merchant Capture File Trailer Positions: 19-22 Length: 4 Format: alphanumeric	Description: This field will contain the value of TRLM .
Capture File Number Positions: 23-26 Length: 4 Format: unpacked numeric	Description: This field will contain a file number submitted by the MDEX merchant.
Capture Creation Date Positions: 27-34 Length: 8 Format: unpacked numeric	Description: This field will contain the date that the capture file was sent to Visa in the following format: mmddyyyy .
Total Transaction Count Positions: 35-43 Length: 9 Format: unpacked numeric	Description: This field will contain the total number of transactions in this file.
Total Transaction Hash Amount Positions: 44-63 Length: 20 Format: unpacked numeric	Description: This field will contain the total transaction hash amount for all transactions in this file.
Reserved Positions: 64-170 Length: 107 Format: alphanumeric	Description: This field will contain all spaces .

TC 33.B - TCR 0 Capture - File Trailer - Acquirer

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for TCR 0 - CAPTURE - FILE TRAILER - ACQUIRER.

ITF - Incoming Interchange

Capture-File Trailer-Acquirer Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-12	6	UN	Destination Identifier
13-18	6	UN	Source Identifier
19-22	4	AN	File Identifier Merchant Capture File - Acquirer Trailer
23-26	4	UN	Capture File Number
27-34	8	UN	Capture Creation Date
35-43	9	UN	Total Transaction Count
44-63	20	UN	Total Transaction Hash Amount
64-170	107	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Capture-File Trailer-Acquirer Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted. The field must contain spaces for computers that do not generate hash totals.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field contains the value of 0 (zero).
Destination Identifier Positions: 7-12 Length: 6 Format: unpacked numeric	Description: This field will contain the destination identifier of the VIC.
Source Identifier Positions: 13-18 Length: 6 Format: unpacked numeric	Description: This field will contain the MDEX identifier.
File Identifier Merchant Capture File - Acquirer Trailer Positions: 19-22 Length: 4 Format: alphanumeric	Description: This field will contain the value of TRLR .
Capture File Number Positions: 23-26 Length: 4 Format: unpacked numeric	Description: This field will contain a number supplied by the MDEX endpoint that is used to match a capture file with a corresponding acknowledgment file.

Capture-File Trailer-Acquirer Edit Criteria

Capture Creation Date Positions: 27-34 Length: 8 Format: unpacked numeric	Description: This field will contain the date that the capture file was sent to Visa in the following format: mmddyyyy .
Total Transaction Count Positions: 35-43 Length: 9 Format: unpacked numeric	Description: This field will contain the total number of transactions for a specific acquirer.
Total Transaction Hash Amount Positions: 44-63 Length: 20 Format: unpacked numeric	Description: This field will contain the total transaction hash amount for all transactions for a specific acquirer.
Reserved Positions: 64-170 Length: 107 Format: alphanumeric	Description: This field will contain all spaces .

TC 33.B - CP 51 TCR 0 Transaction Data

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 51 TCR 0 - TRANSACTION DATA.

ITF - Incoming Interchange

Transaction Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-12	6	UN	Destination Identifier
13-18	6	UN	Source Identifier

Transaction Data Record Layout

Position	Field Length	Format	Contents
19-22	4	AN	File Identifier - Merchant Capture Data
23-37	15	AN	Message Identifier
38-52	15	AN	Transaction Identifier
53-64	12	AN	Retrieval Reference Number
65-80	16	AN	Account Number
81-83	3	AN	Account Number Extension
84-87	4	AN	Expiration Date
88-91	4	UN	Purchase Date
92-95	4	AN	Authorization Date (MMDD)
96-97	2	AN	Decimal Positions Indicator
98-109	12	AN	Authorized Amount
110-112	3	AN	Authorization Currency Code
113-124	12	AN	Total Authorized Amount
125-136	12	UN	Source Amount
137-139	3	AN	Source Currency Code
140-151	12	AN	Tip Amount
152-153	2	AN	Action Code
154-155	2	AN	Service Identifier
156-161	6	UN	Acquiring Identifier
162-165	4	AN	Message Reason Code
166	1	N	Additional Authorization Indicator
167-170	4	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Transaction Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted. The field must contain spaces for computers that do not generate hash totals.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 0 (zero).
Destination Identifier Positions: 7-12 Length: 6 Format: unpacked numeric	Description: This field will contain the destination identifier of the VIC.
Source Identifier Positions: 13-18 Length: 6 Format: unpacked numeric	Description: This field will contain the MDEX identifier.
File Identifier - Merchant Capture Data Positions: 19-22 Length: 4 Format: alphanumeric	Description: This field will contain the value of CP51 .

Transaction Data Edit Criteria

Message Identifier Positions: 23-37 Length: 15 Format: alphanumeric	Description: This field will contain a unique message identifier that links a specific capture record among multiple capture records being submitted for a single transaction. All capture records within the same file linked to a single authorization request contain the same message identifier. The same message identifier can be assigned to other related capture records located in additional TCR groups identified by a value of CPnn in the TC 33 File Identifier fields.
Transaction Identifier Positions: 38-52 Length: 15 Format: alphanumeric	Description: This field will contain a unique value that Visa assigns to each transaction, and returns in the authorization response.
Retrieval Reference Number Positions: 53-64 Length: 12 Format: alphanumeric	Description: This field will contain all an identification number assigned by the processing entity that is used with other data elements to identify and track messages related to a given cardholder transaction, that is, to a given transaction set.
Account Number Positions: 65-80 Length: 16 Format: alphanumeric	Description: This field will contain either an issuer-assigned number that identifies a cardholder's primary account number (PAN) or a token for the PAN. This field may also contain an encrypted account number or token. The field is left-justified, and blank-filled to the right, for account numbers less than 16 digits in length.
Account Number Extension Positions: 81-83 Length: 3 Format: alphanumeric	Description: This field is used for a PAN, or a token for the PAN greater than 16 digits. When present, this field is left-justified and contains a 3-digit extension of the PAN, or the token for the PAN. When not present, the field contains all spaces .
Expiration Date Positions: 84-87 Length: 4 Format: alphanumeric	Description: This field will contain the expiration date for either the cardholder's PAN, or the token for the PAN, in the following format: yymm.
Purchase Date Positions: 88-91 Length: 4 Format: unpacked numeric	Description: This field will contain the date that the purchase transaction was made based on Greenwich Mean Time (GMT), in the following format: mmdd.
Authorization Date (MMDD) Positions: 92-95 Length: 4 Format: alphanumeric	Description: This field will contain the actual date that the request for the authorization was made based on GMT, in the following format: mmdd.

Transaction Data Edit Criteria

Decimal Positions Indicator Positions: 96-97 Length: 2 Format: alphanumeric	Description: This field will contain a value that indicates the decimal position of all amount fields.
Authorized Amount Positions: 98-109 Length: 12 Format: alphanumeric	Description: This field will contain the amount the issuer originally authorized. This field is formatted based on currency exponents.
Authorization Currency Code Positions: 110-112 Length: 3 Format: alphanumeric	Description: This field will contain the currency code of the authorized source amount. This field must contain either a valid ISO numeric currency code or all spaces .
Total Authorization Amount Positions: 113-124 Length: 12 Format: alphanumeric	Description: This field will contain the total authorized amount of the transaction including taxes and miscellaneous fees, less reversals.
Source Amount Positions: 125-136 Length: 12 Format: unpacked numeric	Description: This field will contain the purchase value in transaction currency.
Source Currency Code Positions: 137-139 Length: 3 Format: alphanumeric	Description: This field will contain the currency code for all amount fields in the transaction. For valid values, see <i>BASE II Clearing Data Codes</i> .
Tip Amount Positions: 140-151 Length: 12 Format: alphanumeric	Description: This field will contain the tip amount.

Transaction Data Edit Criteria

Action Code Positions: 152-153 Length: 2 Format: alphanumeric	Description: This field will contain the action code of the capture transaction. Values: <ul style="list-style-type: none"> • 01 Sales Capture • 02 Merchandise Credit Capture • 03 PIN Debit Purchase Advice • 04 PIN Debit Merchandise Return Advice • 05 Offline Capture • 06 Original Credit Transaction Advice
Service Identifier Positions: 154-155 Length: 2 Format: alphanumeric	Description: This field will contain the value of 51 (MDEX Clearing Flow Option Service).
Acquiring Identifier Positions: 156-161 Length: 6 Format: unpacked numeric	Description: This field will contain the acquiring identifier used in the authorization.
Message Reason Code Positions: 162-165 Length: 4 Format: alphanumeric	Description: This field will contain one of these values (apply to merchant initiated transactions only): <ul style="list-style-type: none"> • 3900 (Incremental authorization) • 3901 (Resubmission) • 3902 (Ancillary charges) • 3903 (Reauthorization) • 3904 (No show) • 3905 (Account top up)
Additional Authorization Indicator Positions: 166 Length: 1 Format: numeric	Description: This field will contain one of these values: <ul style="list-style-type: none"> • 1 (Partial authorization) • 2 (Estimated authorization) • 3 (Both partial and estimated)
Reserved Positions: 167-170 Length: 4 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.B - CP 51 TCR 1 Additional Data

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 51 TCR 1 - ADDITIONAL DATA.

ITF - Incoming Interchange

Additional Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-10	4	AN	Capture Date
11-16	6	AN	Authorization Code
17-18	2	AN	POS Entry Mode
19-33	15	ANS	Card Acceptor ID
34-41	8	ANS	Terminal ID
42	1	AN	Mail/Phone/Electronic Commerce and Payment Indicator
43	1	AN	Unattended Acceptance Terminal Indicator
44	1	AN	AVS Response Code
45	1	AN	Authorization Source Code
46	1	AN	Purchase Identifier Format
47-71	25	AN	Purchase Identifier
72-73	2	AN	Card ID/Method of Payment
74-75	2	AN	Point-of-Service Condition Code
76-81	6	AN	Processing Code
82-85	4	AN	Network ID
86-87	2	AN	Authorization Response Code
88-91	4	AN	Validation Code
92	1	AN	Market-Specific Authorization Data Indicator

Additional Data Record Layout

Position	Field Length	Format	Contents
93-94	2	AN	Product ID
95-100	6	AN	Program ID
101	1	AN	CVV2 Result Code
102	1	AN	Authorization Characteristics Indicator
103	1	AN	POS Terminal Capability
104	1	AN	Cardholder ID Method
105-106	2	AN	Electronic Commerce Goods Indicator
107-109	3	AN	Fee Program Indicator
110	1	AN	Service Development Field
111	1	AN	Account Selection
112	1	AN	POS Environment
113-116	4	AN	Time of Purchase
117	1	AN	Spend Qualified Indicator
118	1	AN	CAVV Results Code
119-170	52	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Additional Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted. The field must contain spaces for computers that do not generate hash totals.

Additional Data Edit Criteria

Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 1 .
Capture Date Positions: 7-10 Length: 4 Format: alphanumeric	Description: This field will contain the date when the MDEX identifier intends to process the capture file in the following format: mmdd.
Authorization Code Positions: 11-16 Length: 6 Format: alphanumeric	Description: This field will contain a code that an issuer, its authorizing processor, or Stand-In Processing (STIP) provides to indicate approval of a transaction. The code is returned in the authorization response, and is usually included on the transaction receipt. For valid values, see <i>BASE II Clearing Data Codes</i> .
POS Entry Mode Positions: 17-18 Length: 2 Format: alphanumeric	Description: This field will contain a code that indicates the BASE I and V.I.P. method by which a point-of-transaction terminal obtains and transmits the cardholder information necessary to complete a transaction. For valid values, see <i>V.I.P. System SMS POS (Visa & Visa Electron) Technical Specifications, Volume 1</i> .
Card Acceptor ID Positions: 19-33 Length: 15 Format: alphanumeric special character	Description: This field will contain a code that identifies the card acceptor operating the POS terminal.
Terminal ID Positions: 34-41 Length: 8 Format: alphanumeric special character	Description: This field will contain a code that identifies the card acceptor terminal.
Mail/Phone/Electronic Commerce and Payment Indicator Positions: 42 Length: 1 Format: alphanumeric	Description: This field will contain a code that indicates whether the transaction was performed by mail order, telephone, or electronic commerce. For valid values, see <i>BASE II Clearing Data Codes</i> .

Additional Data Edit Criteria

Unattended Acceptance Terminal Indicator Positions: 43 Length: 1 Format: alphanumeric	Description: This field will contain a code that indicates type of an unattended terminal. For valid values, see <i>BASE II Clearing Data Codes</i> .
AVS Response Code Positions: 44 Length: 1 Format: alphanumeric	Description: This field will contain a code that is the response to an Address Verification Service (AVS) request, indicating matches or discrepancies between addresses and ZIP codes. For valid values, see <i>BASE II Clearing Data Codes</i> .
Authorization Source Code Positions: 45 Length: 1 Format: alphanumeric	Description: This field will contain a code that indicates whether or not card present at authorization and type of commerce or service requested. For valid values, see <i>BASE II Clearing Data Codes</i> .
Purchase Identifier Format Positions: 46 Length: 1 Format: alphanumeric	Description: This field will contain a code that indicates the format of additional identifying information for purchases, such as order number or invoice number. Format can include free text or the type of number. For valid values, see <i>BASE II Clearing Data Codes</i> .
Purchase Identifier Positions: 47-71 Length: 25 Format: alphanumeric	Description: This field will identify the purchase to the issuer and cardholder.
Card ID/Method of Payment Positions: 72-73 Length: 2 Format: alphanumeric	Description: This field will contain a code that identifies the card brand used for payment. Values: <ul style="list-style-type: none">• VI (Visa)• MC (Mastercard)• JC (JCB)• DC (Diners Club)• AX (American Express)• DI (Discover)
Point-of-Service Condition Code Positions: 74-75 Length: 2 Format: alphanumeric	Description: This field will contain a code that identifies transaction conditions at the point of sale or point of service. The value can be used to identify a type of original, or a subsequent transactions. For valid values, see <i>V.I.P. System SMS POS (Visa & Visa Electron) Technical Specifications, Volume 1</i> .

Additional Data Edit Criteria

Processing Code Positions: 76-81 Length: 6 Format: alphanumeric	Description: This field will contain a code in positions 1 and 2 that is used to identify the type of transaction. For valid values, see <i>V.I.P. System SMS POS (Visa & Visa Electron) Technical Specifications, Volume 1</i> .
Network ID Positions: 82-85 Length: 4 Format: alphanumeric	Description: This field will contain a code that specifies the network used for transmission of the transaction. For valid values, see <i>V.I.P. System SMS POS (Visa & Visa Electron) Technical Specifications, Volume 1</i> .
Authorization Response Code Positions: 86-87 Length: 2 Format: alphanumeric	Description: This field will contain the authorization code provided by the issuer when a transaction is approved, or a no reason to decline code. For valid values, see <i>V.I.P. System SMS POS (Visa & Visa Electron) Technical Specifications, Volume 1</i> .
Validation Code Positions: 88-91 Length: 4 Format: alphanumeric	Description: This field will contain a unique value that Visa includes as part of authorization response to ensure that key authorization fields are preserved in the clearing record.
Market-Specific Authorization Data Indicator Positions: 92 Length: 1 Format: alphanumeric	Description: This field will contain a code that indicates the industry for which market-specific authorization data was included in the transaction. Example: B (Valid bill payment market-specific authorization data received)
Product ID Positions: 93-94 Length: 2 Format: alphanumeric	Description: This field will contain a code that identifies the card product.
Program ID Positions: 95-100 Length: 6 Format: alphanumeric	Description: This field will apply to U.S. domestic transactions. When present, this field will contain a program identifier provided by the card issuer.
CVV2 Result Code Positions: 101 Length: 1 Format: alphanumeric	Description: This field will contain the Card Verification Value 2 (CVV2), that is the verification result for card-not-present transactions and also for card-present CVV2 verification-only requests. For valid values, see <i>BASE II Clearing Data Codes</i> .

Additional Data Edit Criteria

Authorization Characteristics Indicator Positions: 102 Length: 1 Format: alphanumeric	Description: This field will contain a code used by the acquirer to request CPS qualification, and is returned in the original authorization response. For valid values, see <i>BASE II Clearing Data Codes</i> .
POS Terminal Capability Positions: 103 Length: 1 Format: alphanumeric	Description: This field will contain a code that indicates the capability of the point-of-sale (POS) terminal to obtain an authorization and process transaction data. For valid values, see <i>BASE II Clearing Data Codes</i> .
Cardholder ID Method Positions: 104 Length: 1 Format: alphanumeric	Description: This field will contain a code that indicates the method used to identify the cardholder (e.g., signature or Personal Identification Number (PIN)). For valid values, see <i>BASE II Clearing Data Codes</i> .
Electronic Commerce Goods Indicator Positions: 105-106 Length: 2 Format: alphanumeric	Description: This field will contain a code that indicates the type of goods that were purchased on the Internet. This field is left-justified and space-filled. For valid values, see <i>V.I.P. System SMS POS (Visa & Visa Electron) Technical Specifications, Volume 1</i> .
Fee Program Indicator Positions: 107-109 Length: 3 Format: alphanumeric	Description: This field will contain an interchange reimbursement fee program indicator (FPI). This field is left-justified and space-filled. For valid values, see <i>BASE II Clearing Data Codes</i> .
Service Development Field Positions: 110 Length: 1 Format: alphanumeric	Description: This field will contain a code that indicates the type of commerce. REFERENCE For valid values, see <i>BASE II Clearing Data Codes</i> .
Account Selection Positions: 111 Length: 1 Format: alphanumeric	Description: This field will contain a code that indicates the type of an account, such as savings or checking. For valid values, see <i>V.I.P. System SMS POS (Visa & Visa Electron) Technical Specifications, Volume 1</i> .
POS Environment Positions: 112 Length: 1 Format: alphanumeric	Description: This field will contain a recurring transaction indicator code, that indicates whether the cardholder and merchant have agreed to periodic billing for goods and services, such as utility bills, Internet connection, or magazine subscriptions. For valid values, see <i>BASE II Clearing Data Codes</i> .

Additional Data Edit Criteria

Time of Purchase Positions: 113-116 Length: 4 Format: alphanumeric	Description: This field will contain the time of day that the purchase was made in Greenwich mean time (GMT), in the following format: hhmm.
Spend Qualified Indicator Positions: 117 Length: 1 Format: alphanumeric	Description: This field will indicate whether the account is spend qualified or not.
CAVV Results Code Positions: 118 Length: 1 Format: alphanumeric	Description: This field will contain the CAVV results code from the response message.
Reserved Positions: 119-170 Length: 52 Format: alphanumeric	Description: This field will contain all spaces .

TC 33.B - CP 51 TCR 2 Billing and Shipping

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 51 TCR 2 - BILLING AND SHIPPING.

ITF - Incoming Interchange

Billing and Shipping Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-66	60	ANS	Bill to Last Name
67-126	60	ANS	Bill to First Name

Billing and Shipping Record Layout

Position	Field Length	Format	Contents
127-137	11	ANS	Bill to Postal Code
138-157	20	ANS	Ship to Postal Code
158-160	3	AN	Ship to State/Province Code
161-170	10	AN	Ship from Postal Code

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Billing and Shipping Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted. The field must contain spaces for computers that do not generate hash totals.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 2 .
Bill to Last Name Positions: 7-66 Length: 60 Format: alphanumeric special character	Description: This field will contain the last name of the billing party.

Billing and Shipping Edit Criteria

Bill to First Name Positions: 67-126 Length: 60 Format: alphanumeric special character	Description: This field will contain the first name of the billing party.
Bill to Postal Code Positions: 127-137 Length: 11 Format: alphanumeric special character	Description: This field will contain the postal code of the billing party.
Ship to Postal Code Positions: 138-157 Length: 20 Format: alphanumeric special character	Description: This field will contain the ship to postal code of the ship to location.
Ship to State/Province Code Positions: 158-160 Length: 3 Format: alphanumeric	Description: This field will contain the ship to state/province code.
Ship from Postal Code Positions: 161-170 Length: 10 Format: alphanumeric	Description: This field will contain the ship from postal code.

TC 33.B - CP 51 TCR 3 Billing and Shipping (Cont'd)

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 51 TCR 3 - BILLING AND SHIPPING (CONT'D).

ITF - Incoming Interchange

Billing and Shipping (Cont'd) Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-9	3	AN	Ship to Country Code
10-49	40	ANS	Address Line 1
50-89	40	ANS	Address Line 2
90-139	50	ANS	City
140-159	20	ANS	State
160-162	3	AN	Billing Country Code
163-170	8	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Billing and Shipping (Cont'd) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted. The field must contain spaces for computers that do not generate hash totals.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).

Billing and Shipping (Cont'd) Edit Criteria

Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 3 .
Ship to Country Code Positions: 7-9 Length: 3 Format: alphanumeric	Description: This field will contain the country code of the ship to location.
Address Line 1 Positions: 10-49 Length: 40 Format: alphanumeric special character	Description: This field will contain the address line 1 of the billing location.
Address Line 2 Positions: 50-89 Length: 40 Format: alphanumeric special character	Description: This field will contain the address line 2 of the billing location.
City Positions: 90-139 Length: 50 Format: alphanumeric special character	Description: This field will contain the city of the billing location.
State Positions: 140-159 Length: 20 Format: alphanumeric special character	Description: This field will contain the state of the billing location.

Billing and Shipping (Cont'd) Edit Criteria

Billing Country Code Positions: 160-162 Length: 3 Format: alphanumeric	Description: This field will contain the ISO numeric three-digit country code of the billing location. REFERENCE For valid values, see <i>BASE II Clearing Data</i> .
Reserved Positions: 163-170 Length: 8 Format: alphanumeric	Description: This field will contain all spaces .

TC 33.B - CP 51 TCR 4 Merchant Data

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 51 TCR 4 - MERCHANT DATA.

ITF - Incoming Interchange

Merchant Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-31	25	ANS	Merchant Name
32-91	60	ANS	Merchant Street Address
92-104	13	ANS	Merchant City
105-107	3	AN	Merchant State/Province Code
108-121	14	ANS	Merchant Postal Code
122-124	3	AN	Merchant Country Code
125-138	14	ANS	Merchant Telephone Number
139-151	13	ANS	Merchant URL/email
152-155	4	UN	Merchant Category Code
156-165	10	AN	Merchant Verification Value

Merchant Data Record Layout

Position	Field Length	Format	Contents
166-168	3	AN	Region Code
169-170	2	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Merchant Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted. The field must contain spaces for computers that do not generate hash totals.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 4 .
Merchant Name Positions: 7-31 Length: 25 Format: alphanumeric special character	Description: This field will contain the merchant's name.
Merchant Street Address Positions: 32-91 Length: 60 Format: alphanumeric special character	Description: This field will contain the merchant's street address.

Merchant Data Edit Criteria

Merchant City Positions: 92-104 Length: 13 Format: alphanumeric special character	Description: This field will contain the merchant's city.
Merchant State/Province Code Positions: 105-107 Length: 3 Format: alphanumeric	Description: This field will contain the merchant's state or province code.
Merchant Postal Code Positions: 108-121 Length: 14 Format: alphanumeric special character	Description: This field will contain the merchant's postal code.
Merchant Country Code Positions: 122-124 Length: 3 Format: alphanumeric	Description: This field will contain the merchant's ISO numeric three-digit country code. For valid values, see <i>BASE II Clearing Data Codes</i> .
Merchant Telephone Number Positions: 125-138 Length: 14 Format: alphanumeric special character	Description: This field will contain the merchant's telephone number.
Merchant URL/email Positions: 139-151 Length: 13 Format: alphanumeric special character	Description: This field will contain the merchant's URL or e-mail address.
Merchant Category Code Positions: 152-155 Length: 4 Format: unpacked numeric	Description: This field will contain the merchant's MCC. For more information, see <i>Visa Core Rules</i> and <i>Visa Product and Service Rules</i> .
Merchant Verification Value Positions: 156-165 Length: 10 Format: alphanumeric	Description: This field will contain the merchant's MVV. For more information, see <i>Visa Core Rules</i> and <i>Visa Product and Service Rules</i> .

Merchant Data Edit Criteria

Region Code Positions: 166-168 Length: 3 Format: alphanumeric	Description: This field will contain the region code for the American Express card acceptor name and location data from Tag 12 in TLV Field 104, Usage 2-Transaction-Specific Data, Dataset ID 66-American Express Data.
Reserved Positions: 169-170 Length: 2 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.B - CP 51 TCR 5 Installment Payment

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 51 TCR 5 - INSTALLMENT PAYMENT.

ITF - Incoming Interchange

Installment Payment Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-18	12	AN	Installment Payment Total Amount
19-21	3	AN	Installment Payment Currency Code
22-24	3	AN	Number of Installments
25-36	3	AN	Amount of Each Installment
37-39	3	AN	Installment Payment Number
40	1	AN	Frequency of Installments
41-42	2	AN	American Express Installment Plan Type
43-47	5	AN	Mastercard Interest Rate
48-59	12	AN	Mastercard Installment Fee

Installment Payment Record Layout

Position	Field Length	Format	Contents
60-64	5	AN	Mastercard Annual Percentage Rate
65-76	12	AN	Mastercard Subsequent Installment Amount
77-78	2	AN	Mastercard Minimum Number of Installments
79-80	2	AN	Mastercard Maximum Number of Installments
81-100	20	ANS	Mastercard Croatia Domestic Card Acceptor Tax ID
101-103	3	AN	Mastercard Greece Grace Period Details
104-109	6	AN	Mastercard Greece First Installment Due Date
110-112	3	AN	Mastercard Greece Financing Currency
113-170	58	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Installment Payment Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted. The field must contain spaces for computers that do not generate hash totals.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 5 .

Installment Payment Edit Criteria

Installment Payment Total Amount Positions: 7-18 Length: 12 Format: alphanumeric	Description: This field will contain the total amount of all installment payments.
Installment Payment Currency Code Positions: 19-21 Length: 3 Format: alphanumeric	Description: This field will contain three-digit ISO numeric currency code for the installment payments. For valid values, see <i>BASE II Clearing Data Codes</i> .
Number of Installments Positions: 22-24 Length: 3 Format: alphanumeric	Description: This field will contain the number of installment payments.
Amount of Each Installments Positions: 25-36 Length: 3 Format: alphanumeric	Description: This field will contain the amount of each installment payment.
Installment Payment Number Positions: 37-39 Length: 3 Format: alphanumeric	Description: This field will contain the number of the current installment payment.
Frequency of Installments Positions: 40 Length: 1 Format: alphanumeric	Description: This field will contain the frequency of installment payments.
American Express Installment Plan Type Positions: 41-42 Length: 2 Format: alphanumeric	Description: This field will contain the American Express installment plan type.

Installment Payment Edit Criteria

Mastercard Interest Rate Positions: 43-47 Length: 5 Format: alphanumeric	Description: This field will contain the Mastercard Global Installments - Issuer-calculated Interest Rate. Mapping: Destination depends on country-specific. F104 U2 DSID 65 T06 => MC DE112 SE 22 pos 3-7 => MC DE112 SE 23 pos 5-9 => MC DE112 SE 09 pos 5-9 (Georgia)
Mastercard Installment Fee Positions: 48-59 Length: 12 Format: alphanumeric	Description: This field will contain the Mastercard Global Installments - Installment Fee. Mapping: Destination depends on country-specific. F104 U2 DSID 65 T06 => MC DE112 SE 22 pos 8-19 => MC DE112 SE 23 pos 10-21
Mastercard Annual Percentage Rate Positions: 60-64 Length: 5 Format: alphanumeric	Description: This field will contain the Mastercard Global Installments - Annual Percentage Rate. Mapping: Destination depends on country-specific. F104 U2 DSID 65 T06 => MC DE112 SE 22 pos 20-24 => MC DE112 SE 23 pos 22-26
Mastercard Subsequent Installment Amount Positions: 65-76 Length: 12 Format: alphanumeric	Description: This field will contain the Mastercard Global Installments - Subsequent Installment Amount. Mapping: Destination depends on country-specific. F104 U2 DSID 65 T06 => MC DE112 SE 22 pos 37-48 => MC DE112 SE 09 pos 22-33 (Georgia)
Mastercard Minimum Number of Installments Positions: 77-78 Length: 2 Format: alphanumeric	Description: This field will contain the Mastercard Global Installments - Minimum Number of Installments. Mapping: F104 U2 DSID 65 T06 => MC DE112 SE 23 pos 1-2

Installment Payment Edit Criteria

Mastercard Maximum Number of Installments Positions: 79-80 Length: 2 Format: alphanumeric	Description: This field will contain the Mastercard Global Installments - Maximum Number of Installments. Mapping: F104 U2 DSID 65 T06 => MC DE112 SE 23 pos 3-4
Mastercard Croatia Domestic Card Acceptor Tax ID Positions: 81-100 Length: 20 Format: alphanumeric special character	Description: This field will contain the Mastercard Global Installments Croatia - Domestic Card Acceptor Tax ID. Mapping: F104 U2 DSID 65 T06 => MC DE112 SE 20 pos 1-20
Mastercard Greece Grace Period Details Positions: 101-103 Length: 3 Format: alphanumeric	Description: This field will contain the Mastercard Global Installments for Greece - Grace Period. Mapping: F104 U2 DSID 65 T06 => MC DE112 SE 06 pos 5-7
Mastercard Greece First Installment Due Date Positions: 104-109 Length: 6 Format: alphanumeric	Description: This field will contain the Mastercard Global Installments for Greece - First Installment Due Date. Mapping: F104 U2 DSID 65 T06 => MC DE112 SE 08 pos 13-18
Mastercard Greece Financing Currency Positions: 110-112 Length: 3 Format: alphanumeric	Description: This field will contain the Mastercard Global Installments for Greece. This is the currency in which the issuer will finance the transaction. Mapping: F104 U2 DSID 65 T06 => MC DE112 SE 08 pos 19-21
Reserved Positions: 113-170 Length: 58 Format: alphanumeric	Description: This field will contain spaces .

TC 33.B - CP 51 TCR 6 Gateway Data

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 51 TCR 6 - GATEWAY DATA.

ITF - Incoming Interchange

Gateway Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-16	10	AN	Time Stamp
17-20	4	AN	Merchant Type Code
21-23	3	AN	Mastercard POS Entry Mode
24-25	2	AN	Mastercard POS PIN Capture Code
26-51	26	AN	Mastercard/American Express POS Data
52-61	10	AN	Mastercard Date and Time
62-67	6	AN	Mastercard ICA
68-73	6	AN	Mastercard Assigned ID (MAID)
74-75	2	AN	Mastercard Payment Initiation Channel
76-82	7	AN	Mastercard Electronic Commerce Indicators
83-85	3	AN	Mastercard Service Code
86	1	AN	Mastercard Account Number Indicator
87-89	3	AN	Mastercard Product Code
90-92	3	AN	Mastercard Wallet Identifier
93	1	AN	Mastercard Electronic Commerce Indicators - Cardholder Authentication
94-104	11	AN	Mastercard Payment Facilitator ID
105-115	11	AN	Mastercard Independent Sales Organization ID
116-130	15	AN	Mastercard Sub-Merchant ID
131	1	AN	Mastercard Member-defined Data
132-133	2	AN	Mastercard Merchant on-behalf Service
134	1	AN	Mastercard Merchant on-behalf Results
135-136	2	AN	Mastercard Terminal Compliance Indicator
137	1	AN	Mastercard Mobile Remote Payment Program Indicator
138-139	2	AN	Mastercard Transaction Integrity Classification
140	1	AN	Mastercard Reason for UCAF Collection Indicator Downgrade

Gateway Data Record Layout

Position	Field Length	Format	Contents
141-142	2	AN	Mastercard E-ID Request Value
143-170	28	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Gateway Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted. The field must contain spaces for computers that do not generate hash totals.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 6 .
Time Stamp Positions: 7-16 Length: 10 Format: alphanumeric	Description: This field will contain the actual date and time that the request for the authorization was made based on GMT, in the following format: mmddhhmmss (month, day, hour, minute, second)
Merchant Type Code Positions: 17-20 Length: 4 Format: alphanumeric	Description: This field will contain the merchant category code assigned by a non-Visa network.

Gateway Data Edit Criteria

Mastercard POS Entry Mode Positions: 21-23 Length: 3 Format: alphanumeric	Description: This field will contain part of the data in ISO Field 116-Card Issuer Reference Data in the authorization response message. This value is returned in Data Element (DE) 22 of the Mastercard response message and should be present in the Mastercard clearing record.
Mastercard POS PIN Capture Code Positions: 24-25 Length: 2 Format: alphanumeric	Description: This field will contain part of the data in ISO Field 116 of the authorization response message. This value is returned in DE 26 of the Mastercard response message and should be present in the Mastercard clearing record.
Mastercard/American Express POS Data Positions: 26-51 Length: 26 Format: alphanumeric	Description: This field will contain part of the data in ISO Field 116 of the authorization response message. For Mastercard transactions This value is returned in DE 61 of the Mastercard response message and should be present in the Mastercard Clearing record. For Mastercard, the length of this field is variable, up to 29 bytes. or For American Express transactions This value is returned in (Data Field) DF 22 of the American Express response message and should be present in the American Express Clearing record. For American Express, the length of this field is variable, up to 12 bytes.
Mastercard Date and Time Positions: 52-61 Length: 10 Format: alphanumeric	Description: This field will contain part of the data in ISO Field 116 - Card Issuer Reference Data of the authorization response message, in the following format: mmddhhmmss (month, day, hour, minute, second) This field will contain data from Mastercard DE 48.15. This field should be present in the Mastercard Clearing record.
Mastercard ICA Positions: 62-67 Length: 6 Format: alphanumeric	Description: This field will contain the Mastercard interbank card association (ICA) value as assigned by the acquirer.
Mastercard Assigned ID (MAID) Positions: 68-73 Length: 6 Format: alphanumeric	Description: This field will contain the Mastercard-assigned ID (MAID) value.
Mastercard Payment Initiation Channel Positions: 74-75 Length: 2 Format: alphanumeric	Description: This field will contain the Mastercard payment initiation channel value.

Gateway Data Edit Criteria

Mastercard Electronic Commerce Indicators Positions: 76-82 Length: 7 Format: alphanumeric	Description: This field will contain the Mastercard electronic commerce indicator value.
Mastercard Service Code Positions: 83-85 Length: 3 Format: alphanumeric	Description: This field will contain the Mastercard service code value.
Mastercard Account Number Indicator Positions: 86 Length: 1 Format: alphanumeric	Description: This field will contain the Mastercard account number indicator value. Value from F104, Dataset ID. 65, Tag 0F. Mastercard Data element (DE) 48, Sub-element 33, Subfield 1.
Mastercard Product Code Positions: 87-89 Length: 3 Format: alphanumeric	Description: This field will contain the Mastercard Product Code value, from F62.17 (POS 5-7).
Mastercard Wallet Identifier Positions: 90-92 Length: 3 Format: alphanumeric	Description: This field will contain the Mastercard Wallet Identifier value. Value from F104, Dataset ID. 65, Tag 0C. Mastercard Data Element (DE) 48, Sub-element 26-PPOL Program Data, Subfield 1 (PPOL Identifier).
Mastercard Electronic Commerce Indicators - Cardholder Authentication Positions: 93 Length: 1 Format: alphanumeric	Description: This field contains the Mastercard Electronic Commerce Indicators - Cardholder Authentication. Value: 4 = Digital secure remote payment with UCAF data
Mastercard Payment Facilitator ID Positions: 94-104 Length: 11 Format: alphanumeric	Description: This field contains the Mastercard Payment Facilitator ID.

Gateway Data Edit Criteria

Mastercard Independent Sales Organization ID Positions: 105-115 Length: 11 Format: alphanumeric	Description: This field contains Mastercard Independent Sales Organization ID.
Mastercard sub-Merchant ID Positions: 116-130 Length: 15 Format: alphanumeric	Description: This field contains the Mastercard Sub-Merchant ID.
Mastercard Member defined Data Positions: 131 Length: 1 Format: alphanumeric	Description: This field will contain one of the following values to indicate the transaction qualifies for a government program, which map to Mastercard Data Element DE 48, Sub-element 17: 1 (Transaction qualified for Authentication Service Type 1) 2 (Transaction qualified for Authentication Service Type 2)
Mastercard Merchant on-behalf Service Positions: 132-133 Length: 2 Format: alphanumeric	Description: This field will contain a fix value of 53 .
Mastercard Merchant on-behalf Results Positions: 134 Length: 1 Format: alphanumeric	Description: This field will contain the Merchant on-behalf Results. Values: C (Service completed successfully) F (Incorrect POS entry mode code (not equal to 81) for an authorization or reversal message) F (Incorrect POS entry mode (not equal to 01), for authorization request of token request and token requestor card on file transactions) F (Token Requestor ID required based on the token requestor ID validation bypass parameter, not present or not formatted incorrectly) I (Token requestor ID invalid) I (Token suspended or deactivated) I (Token invalid, not found on mapping table) T (Token requestor ID/Token combination invalid) U (Unable to process - token expired) W (PAN listed in the electronic warning bulletin)

Gateway Data Edit Criteria

Mastercard Terminal Compliance Indicator Positions: 135-136 Length: 2 Format: alphanumeric	Description: This field will contain a MC terminal compliance indicator, for India.
Mastercard Mobile Remote Payment Program Indicator Positions: 137 Length: 1 Format: alphanumeric	Description: This field will contain the mobile remote program indicator.
Mastercard Transaction Integrity Classification Positions: 138-139 Length: 2 Format: alphanumeric	Description: This field will contain one of these values for card and cardholder present transactions: <ul style="list-style-type: none"> • A1 (EMV/Token in a secure trusted environment) • B1 (EMV/Chip equivalent) • C1 (Mag stripe) • E1 (Key entered) • U0 (Unclassified) This field will contain one of these values for card and/or cardholder not present transactions: <ul style="list-style-type: none"> • A2 (Digital transactions) • B2 (Authenticated checkout) • C2 (Transaction validation) • D2 (Enhanced data) • E2 (Generic messaging) • U0 (Unclassified) Note: The value in this field comes from the 0100 Mastercard authorization response.
Mastercard Reason for UCAF Collection Indicator Downgrade Positions: 140 Length: 1 Format: alphanumeric	Description: This field will contain an indicator for Mastercard SecureCode e-commerce transactions when the transaction was downgraded because of a missing or invalid universal cardholder authentication field (UCAF). Values: <ul style="list-style-type: none"> • 0 (Missing UCAF) • 1 (Invalid UCAF) • Space (Not applicable) Note: Source: F116 DS67 T05 SF3

Gateway Data Edit Criteria

Mastercard E-ID Request Value Positions: 141-142 Length: 2 Format: alphanumeric	Description: This field will contain the E-ID provided by the issuer for card-not-present transactions in Poland. Mapping: F104 DSID 65 T35 => MC DE 48 SE 53 SF1
Reserved Positions: 143-170 Length: 28 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.B - CP 51 TCR 7 Gateway Data (Cont'd)

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 51 TCR 7 - GATEWAY DATA (CONT'D).

ITF - Incoming Interchange

Gateway Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7	1	AN	Mastercard Electronic Commerce Indicators - UCAF Collection Indicator
8-36	29	AN	Diners/Discover Network Information
37-82	46	AN	Diners/Discover Transaction Qualifier
83-97	15	AN	Gateway Transaction Identifier
98-101	4	AN	Response Data - Merchant Advice Code
102-170	69	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Gateway Data (Cont'd) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted. The field must contain spaces for computers that do not generate hash totals.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 7 .
Mastercard Electronic Commerce Indicators - UCAF Collection Indicator Positions: 7 Length: 1 Format: alphanumeric	Description: Mastercard Electronic Commerce Indicators - UCAF Collection Indicator Value: The new value of 7 . 7 = (Partial shipment or recurring payment) for digital secure remote payment authorization.)
Diners/Discover Network Information Positions: 8-36 Length: 29 Format: alphanumeric	Description: This field will contain part of the data contained in ISO Field 116-Card Issuer Reference Data of the authorization response message. This value is returned in Field 48 of the response message and is used in the Diners/Discover clearing record. The length of this field is variable, up to 29 bytes.
Diners/Discover Transaction Qualifier Positions: 37-82 Length: 46 Format: alphanumeric	Description: This field will contain part of the data contained in ISO Field 116-Card Issuer Reference Data of the authorization response message. This value is returned in Field 124 of the response message and is to be used in the Diners/Discover clearing record. The length of this field is variable, up to 46 bytes.

Gateway Data (Cont'd) Edit Criteria

Gateway Transaction Identifier Positions: 83-97 Length: 15 Format: alphanumeric	Description: This field will contain the transaction identifier assigned by the gateway network in Field 62.17. For American Express transactions, the value of this field is carried in Field 31. For Mastercard transactions, the value in this field is defined by the network.
Response Data-Merchant Advice Code Positions: 98-101 Length: 4 Format: alphanumeric	Description: This field will contain the merchant advice code received from Mastercard in the authorization response message. The valid values correspond to Mastercard's definition of DE 48.84.
Reserved Positions: 102-170 Length: 69 Format: alphanumeric	Description: This field will contain all spaces .

TC 33.B - CP 51 TCR 8 Supplemental Data (Cont'd)

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 51 TCR 8 - SUPPLEMENTAL DATA (CONT'D).

ITF - Incoming Interchange

Supplemental Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-14	8	AN	Surcharge Amount
15	1	AN	Surcharge Credit/Debit Indicator
16	1	AN	DCC (Dynamic Currency Conversion) - Conversion Indicator
17-25	9	AN	Cashback Amount
26-40	15	AN	Acquirer Merchant ID

Supplemental Data Record Layout

Position	Field Length	Format	Contents
41-42	2	AN	Token Assurance Level
43-53	11	AN	Token Requestor ID
54-72	19	AN	PAN Account Range
73	1	AN	Regulated/Non-Regulated Status
74-78	5	AN	Agent Unique ID
79-80	2	AN	CAVV Version and Authentication Action
81-109	29	AN	Payment Account Reference Number (PAR)
110-111	2	AN	Business Application Identifier (BAI)
112-126	15	AN	Merchant Tax ID
127	1	AN	Special Condition Indicator
128-170	43	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Supplemental Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted. The field must contain spaces for computers that do not generate hash totals.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).

Supplemental Data Edit Criteria

Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 8 .
Surcharge Amount Positions: 7-14 Length: 8 Format: alphanumeric	Description: This field will contain an assessed transaction surcharge for informational purposes only. Note: Two decimal positions are implied.
Surcharge Credit/Debit Indicator Positions: 15 Length: 1 Format: alphanumeric	Description: When the Surcharge Amount field is used, this field will indicate whether the charge is a debit or a credit. Values: <ul style="list-style-type: none"> • C (Credit) • D (Debit) • Space (Not used)
DCC (Dynamic Currency Conversion) - Conversion Indicator Positions: 16 Length: 1 Format: alphanumeric	Description: This field will contain a value that indicates whether dynamic currency conversion (DCC) has been applied. Values: <ul style="list-style-type: none"> • 1 (DCC performed) • Space (DCC not performed)
Cashback Amount Positions: 17-25 Length: 9 Format: alphanumeric	Description: This field will contain the cashback amount submitted in the authorization request.
Acquirer Merchant ID Positions: 26-40 Length: 15 Format: alphanumeric	Description: This field will contain the MDEX identifier ID value assigned by the acquirer.
Token Assurance Level Positions: 41-42 Length: 2 Format: alphanumeric	Description: For transactions that contain token-specific data, this field will contain the token assurance level value that indicates the confidence level of the token to PAN mapping. For all transactions that do not contain token-specific data, this field will contain all spaces .

Supplemental Data Edit Criteria

Token Requestor ID Positions: 43-53 Length: 11 Format: alphanumeric	Description: This field will contain the token requestor ID.
PAN Account Range Positions: 54-72 Length: 19 Format: alphanumeric	Description: For transactions that contain token-specific data, this field will contain a variable length value of 9 to 19 digits. The value can be either the first nine digits of the PAN account range, or up to the full cardholder PAN. For all transactions that do not contain token-specific data, this field will contain all spaces .
Regulated/Non-Regulated Status Positions: 73 Length: 1 Format: alphanumeric	Description: This field will contain one of these values to indicate the status of the account range: <ul style="list-style-type: none">• R (Regulated)• N (Non-regulated)
Agent Unique ID Positions: 74-78 Length: 5 Format: alphanumeric	Description: This field will contain a fix value of VCIND , for Visa Checkout transactions.
CAVV Version and Authentication Action Positions: 79-80 Length: 2 Format: alphanumeric	Description: This field will contain the CAVV Version and Authentication Action, as indicated in V.I.P. Field 126.9, Usage 3-#D Secure CAVV revised format, position 7.
Payment Account Reference Number (PAR) Positions: 81-109 Length: 29 Format: alphanumeric	Description: This field will contain the payment account reference value, generated by VisaNet.
Business Application Identifier (BAI) Positions: 110-111 Length: 2 Format: alphanumeric	Description: This field must contain a value Business Application Identifier (BAI) or spaces.
Merchant Tax ID Positions: 112-126 Length: 15 Format: alphanumeric	Description: This field contains the Merchant Tax ID for countries which mandate it in clearing.

Supplemental Data Edit Criteria

Special Condition Indicator Positions: 127 Length: 1 Format: alphanumeric	Description: This field will contain a value of 9 indicating "Payment on a Dept".
Reserved Positions: 128-170 Length: 43 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.B - CP 51 TCR 9 Intra-Country Data - Colombia National Data

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 51 TCR 9 - INTRA-COUNTRY DATA - COLUMBIA NATIONAL DATA.

Intra-Country Data-Columbia National Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-9	3	AN	Country Code
10-132	123	AN	National Net Domestic Token Data
133-170	38	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Intra-Country Data-Columbia National Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 (TC 33.B capture transactions (Merchant)).
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: This field must contain spaces for computers that do not generate hash totals. Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 0 (zero).
Country Code Positions: 7-9 Length: 3 Format: alphanumeric	Description: This field will contain the 3-digit International Organization of Standardization (ISO) country code value of 170 (Colombia).
National Net Domestic Token Data Positions: 10-132 Length: 123 Format: alphanumeric	Description: This field will contain the National Net Domestic Private Data ("Token" in Colombian processing terminology).
Reserved Positions: 133-170 Length: 38 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.B - CP 51 TCR 9 Intra-Country Data - Japan National Data

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 51 TCR 9 - INTRA-COUNTRY DATA - JAPAN NATIONAL DATA.

Intra-Country Data-Japan National Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-9	3	AN	Country Code
10	1	AN	Number of Bonus Payments
11	1	AN	Bonus Month Sign
12-15	4	AN	Bonus Amount
16-18	3	AN	Number of Installment Payments
19-20	2	AN	Payment Mode
21-28	8	AN	Net Sales Amount
29-36	8	AN	Tax and Mailing Charge
37-53	17	AN	Sales Draft Reference Number
54-68	15	AN	Acquiring Bank/Merchant Number
69-91	23	AN	Merchant Name-Katakana
92-131	40	AN	Merchant Name-Kanji
132-170	39	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Intra-Country Data-Japan National Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted. The field must contain spaces for computers that do not generate hash totals.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 9 .
Country Code Positions: 7-9 Length: 3 Format: alphanumeric	Description: This field will contain the 3-digit ISO country code value of 392 (Japan).
Number of Bonus Payments Positions: 10 Length: 1 Format: alphanumeric	Description: This field will contain the number of lump sum bonus payments that the cardholder will make. REFERENCE For valid values, see <i>BASE II Clearing Data Codes</i> .
Bonus Month Sign Positions: 11 Length: 1 Format: alphanumeric	Description: This field will contain a code that represents the month(s) that the cardholder will make a bonus payment. The code is preset between acquirers and issuers. REFERENCE For valid values, see <i>BASE II Clearing Data Codes</i> .
Bonus Amount Positions: 12-15 Length: 4 Format: alphanumeric	Description: This field will contain the add-on amount the cardholder will pay as a bonus payment in Yen 1000.

Intra-Country Data-Japan National Data Edit Criteria

Number of Installment Payments Positions: 16-18 Length: 3 Format: alphanumeric	Description: This field will contain the number of installment payments.
Payment Mode Positions: 19-20 Length: 2 Format: alphanumeric	Description: This field will contain a code that indicates the type of bonus or installment payments. REFERENCE For valid values, see <i>BASE II Clearing Data Codes</i> .
Net Sales Amount Positions: 21-28 Length: 8 Format: alphanumeric	Description: This field will contain the sales amount of the goods and services before tax and mailing charges.
Tax and Mailing Charge Positions: 29-36 Length: 8 Format: alphanumeric	Description: This field will contain the tax and mailing charge portion of transaction.
Sales Draft Reference Number Positions: 37-53 Length: 17 Format: alphanumeric	Description: This field will contain the reference number for the sales draft.
Acquiring Bank/Merchant Number Positions: 54-68 Length: 15 Format: alphanumeric	Description: This field will contain an identifying number for the acquiring bank or MDEX identifier.
Merchant Name-Katakana Positions: 69-91 Length: 23 Format: alphanumeric	Description: This field will contain the merchant name in single-byte characters. This field is EBCDIC-K encoded (Codepage: IBM290 (60290)).

Intra-Country Data-Japan National Data Edit Criteria

Merchant Name-Kanji Positions: 92-131 Length: 40 Format: alphanumeric	Description: This field will contain the merchant's name in double-byte characters. This field is double-byte DBCS-Host encoded (Codepage: IBM939 DBCS).
Reserved Positions: 132-170 Length: 39 Format: alphanumeric	Description: This field will contain all spaces .

TC 33.B - CP 51 TCR 9 Intra-Country Data - South Africa National Data

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 51 TCR 9 - INTRA-COUNTRY DATA - SOUTH AFRICA NATIONAL DATA.

Intra-Country Data-South Africa National Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-9	3	AN	Country Code
10-11	2	AN	Budget
12-170	159	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Intra-Country Data-South Africa National Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted. The field must contain spaces for computers that do not generate hash totals.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 9 .
Country Code Positions: 7-9 Length: 3 Format: alphanumeric	Description: This field will contain the ISO three-digit country code value of 710 (South Africa).
Budget Positions: 10-11 Length: 2 Format: alphanumeric	Description: This contains the number of monthly installment payments.
Reserved Positions: 12-170 Length: 159 Format: alphanumeric	Description: This field will contain all spaces .

TC 33.B - CP 51 TCR 9 Intra-Country Data - Brazil National Data

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 51 TCR 9 - INTRA-COUNTRY DATA - BRAZIL NATIONAL DATA.

ITF - Incoming Interchange

Intra-Country Data-Brazil National Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-9	3	AN	Country Code
10-21	12	N	Total Amount
22-24	3	AN	Currency Code
25-27	3	AN	Number of Installments
28-39	12	N	Amount of Each Installment
40-42	3	N	Installment Payment Number
43	1	AN	Frequency of Installments
44-49	6	AN	Date of First Installment
50-61	12	N	Total Amount Funded
62-65	4	N	Percent of Amount Requested
66-77	12	N	Total Expenses
78-81	4	N	Percent of Total Expense
82-93	12	N	Total Fees
94-97	4	N	Percent of Total Fees
98-109	12	N	Total Taxes
110-113	4	N	Percent of Total Taxes
114-125	12	N	Total Insurance

Intra-Country Data-Brazil National Data Record Layout

Position	Field Length	Format	Contents
126-129	4	N	Percent of Total Insurance
130-141	12	N	Total Other Costs
142-145	4	N	Percent of Total Other Costs
146-152	7	N	Monthly Interest Rate
153-159	7	N	Annual Interest Rate
160-166	7	N	Annual Total Cost of Financing
167	1	AN	Installment Payment Type
168-170	3	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Intra-Country Data-Brazil National Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: This field will contain the record hash total or spaces.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 .
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 9 .

Intra-Country Data-Brazil National Data Edit Criteria

Country Code Positions: 7-9 Length: 3 Format: alphanumeric	Description: This field will contain the country code 986 .
Total Amount Positions: 10-21 Length: 12 Format: numeric	Description: This field will contain the total amount.
Currency Code Positions: 22-24 Length: 3 Format: alphanumeric	Description: This field will contain the currency code.
Number of Installments Positions: 25-27 Length: 3 Format: alphanumeric	Description: This field will contain the number of installments.
Amount of each Installment Positions: 28-39 Length: 12 Format: numeric	Description: This field will contain the amount of each installment. Note: Two decimals are implied.
Installment Payment Number Positions: 40-42 Length: 3 Format: numeric	Description: This field will contain the installment payment number.
Frequency of Installments Positions: 43 Length: 1 Format: alphanumeric	Description: This field will contain the frequency of installments. Values: B = Bi-weekly M = Monthly W = Weekly Space = Not Applicable Note: For Crediarío Installment Payment, the value must be M .
Date of First Installment Positions: 44-49 Length: 6 Format: alphanumeric	Description: This field will contain the date of the first installment. Note: Format YYMMDD.

Intra-Country Data-Brazil National Data Edit Criteria

Total Amount Funded Positions: 50-61 Length: 12 Format: numeric	Description: This field will contain the total amount funded. Note: Two decimals are implied.
Percent of Amount Requested Positions: 62-65 Length: 4 Format: numeric	Description: This field will contain the percent of amount requested. Note: One decimal is implied.
Total Expenses Positions: 66-77 Length: 12 Format: numeric	Description: This field will contain the total expenses. Note: Two decimals are implied.
Percent of Total Expenses Positions: 78-81 Length: 4 Format: numeric	Description: This field will contain the percent of total expenses. Note: One decimal is implied.
Total Fees Positions: 82-93 Length: 12 Format: numeric	Description: This field will contain the total fees. Note: Two decimals are implied.
Percent of Total Fees Positions: 94-97 Length: 4 Format: numeric	Description: This field will contain the percent of total fees. Note: One decimal is implied.
Total Taxes Positions: 98-109 Length: 12 Format: numeric	Description: This field will contain the total taxes. Note: Two decimals are implied.
Percent of Total Taxes Positions: 110-113 Length: 4 Format: numeric	Description: This field will contain the percent of total taxes. Note: One decimal is implied.

Intra-Country Data-Brazil National Data Edit Criteria

Total Insurance Positions: 114-125 Length: 12 Format: numeric	Description: This field will contain the total insurance. Note: Two decimals are implied.
Percent of Total Insurance Positions: 126-129 Length: 4 Format: numeric	Description: This field will contain the percent of total insurance. Note: One decimal is implied.
Total Other Costs Positions: 130-141 Length: 12 Format: numeric	Description: This field will contain the total other costs. Note: Two decimals are implied.
Percent of Total Other Costs Positions: 142-145 Length: 4 Format: numeric	Description: This field will contain the percent of total other costs. Note: One decimal is implied.
Monthly Interest Rate Positions: 146-152 Length: 7 Format: numeric	Description: This field will contain the monthly interest rate. Note: Two decimals are implied.
Annual Interest Rate Positions: 153-159 Length: 7 Format: numeric	Description: This field will contain the annual interest rate. Note: Two decimals are implied.
Annual Total Cost of Financing Positions: 160-166 Length: 7 Format: numeric	Description: This field will contain the annual total cost of financing. Note: Two decimals are implied.

Intra-Country Data-Brazil National Data Edit Criteria

Installment Payment Type Positions: 167 Length: 1 Format: alphanumeric	Description: This field will contain the installment payment type. Value: 5 = Crediario
Reserved Positions: 168-170 Length: 3 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.B - CP 51 TCR 9 Intra-Country Data - Mexico National Data

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 51 TCR 9 - INTRA-COUNTRY DATA - MEXICO NATIONAL DATA.

Intra-Country Data-Mexico National Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-9	3	AN	Country Code
10-15	6	AN	Original Authorization Code
16-170	155	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Intra-Country Data-Mexico National Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain a 33
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: This field will contain the record hash total.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field contains the Transaction Qualifier 0 .
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field contains the Transaction Component Sequence Number 9 .
Country Code Positions: 7-9 Length: 3 Format: alphanumeric	Description: This field contains the ISO Country Code 484 .
Original Authorization Code Positions: 10-15 Length: 6 Format: alphanumeric	Description: This field contains the authorization code of Original Purchase (Field 38), when processing credits and or refunds.
Reserved Positions: 16-170 Length: 155 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.B - CP 51 TCR A Encrypted Pan Data

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 51 TCR A - ENCRYPTED PAN DATA.

Encrypted PAN Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-38	32	AN	Account Number Block
39-40	2	AN	Key Management
41-52	12	AN	Key-Set Identifier
53-62	10	AN	Device ID & Tran Counter
63-64	2	AN	Encryption Algorithm
65-66	2	AN	Zone Key Index
67-170	104	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Encrypted PAN Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted. The field must contain spaces for computers that do not generate hash totals.

Encrypted PAN Data Edit Criteria

Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of A .
Account Number Block Positions: 7-38 Length: 32 Format: alphanumeric	Description: This field will contain an encrypted account number block.
Key Management Positions: 39-40 Length: 2 Format: alphanumeric	Description: This field will contain the identifier of the key management scheme used for encryption.
Key-Set Identifier Positions: 41-52 Length: 12 Format: alphanumeric	Description: This field will contain the identifier for the base derivation key from which the current PIN transaction encryption key was derived.
Device ID & Tran Counter Positions: 53-62 Length: 10 Format: alphanumeric	Description: This field will contain the device ID and transaction counter.
Encryption Algorithm Positions: 63-64 Length: 2 Format: alphanumeric	Description: This field will contain a value that identifies the encryption algorithm used to encipher the data elements.

Encrypted PAN Data Edit Criteria

Zone Key Index Positions: 65-66 Length: 2 Format: alphanumeric	Description: This field will contain the specific key for the key-set Identifier that was used for encryption.
Reserved Positions: 67-170 Length: 104 Format: alphanumeric	Description: This field will contain all spaces .

TC 33.B - CP 51 TCR B Gateway Data (Cont'd)

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 51 TCR B - GATEWAY DATA (CONT'D).

Gateway Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-26	20	AN	American Express Seller Telephone Number
27-66	40	AN	American Express Seller Email Address
67-86	20	AN	American Express Seller ID
87	1	AN	American Express Last 4 PAN Return Indicator
88-110	23	AN	American Express PAN, Extended
111-148	38	ANS	American Express Seller Name
149-170	22	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Gateway Data (Cont'd) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: This field will contain the record hash total or spaces.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 .
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of B .
American Express Seller Telephone Number Positions: 7-26 Length: 20 Format: alphanumeric	Description: This field will contain the seller telephone number.
American Express Seller Email Address Positions: 27-66 Length: 40 Format: alphanumeric	Description: This field will contain the seller email ID.
American Express Seller ID Positions: 67-86 Length: 20 Format: alphanumeric	Description: This field will contain the seller ID.

Gateway Data (Cont'd) Edit Criteria

American Express Last 4 PAN Return Indicator Positions: 87 Length: 20 Format: alphanumeric	Description: This field will contain an indicator that means that the last 4 digits of the PAN, were available in the transaction.
American Express PAN, Extended Positions: 88-110 Length: 23 Format: alphanumeric	Description: This field will contain the expiration date and PAN in the 0110 authorization response message that will be formatted as follows: <ul style="list-style-type: none"> • Positions 1-2, will contain the mm (Month) • Positions 3-4, will contain the yy (Year) • Positions 5-23, will contain the actual PAN
American Express Seller Name Positions: 111-148 Length: 38 Format: alphanumeric special character	Description: This field will contain the seller name for the American Express card acceptor name and location data from Tag 12 in TLV Field 104, Usage 2-Transaction-Specific Data, Dataset ID 66-American Express Data. Note: Source: F104 DS66 T12 SF1
Reserved Positions: 149-170 Length: 22 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.B - CP 52 TCR 0 EMV Data

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 52 TCR 0 - EMV DATA.

ITF - Incoming Interchange

EMV Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-12	6	UN	Destination Identifier

EMV Data Record Layout

Position	Field Length	Format	Contents
13-18	6	UN	Source Identifier
19-22	4	AN	File Identifier - Merchant Capture Data
23-37	15	AN	Message Identifier
38-39	2	AN	Transaction Type
40-42	3	AN	Card Sequence Number
43-48	6	AN	Terminal Transaction Date
49-54	6	AN	Terminal Capability Profile
55-57	3	AN	Terminal Country Code
58-65	8	AN	Unpredictable Number
66-69	4	AN	Application Transaction Counter
70-73	4	AN	Application Interchange Profile
74-89	16	AN	Application Cryptogram
90-99	10	AN	Terminal Verification Results
100-111	12	AN	Amount, Authorized
112-119	8	AN	Form Factor Indicator
120-170	51	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

EMV Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted. The field must contain spaces for computers that do not generate hash totals.

EMV Data Edit Criteria

Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 0 (zero).
Destination Identifier Positions: 7-12 Length: 6 Format: unpacked numeric	Description: This field will contain the destination identifier of the VIC.
Source Identifier Positions: 13-18 Length: 6 Format: unpacked numeric	Description: This field will contain the MDEX identifier.
File Identifier - Merchant Capture Data Positions: 19-22 Length: 4 Format: alphanumeric	Description: This field will contain the value of CP52 .
Message Identifier Positions: 23-37 Length: 15 Format: alphanumeric	Description: This field will contain a unique message identifier that links a specific capture record among multiple capture records being submitted for a single transaction. All capture records within the same file linked to a single authorization request contain the same message identifier. The same message identifier can be assigned to other related capture records located in additional TCR groups identified by a value of CPnn in the TC 33 Application Code fields.
Transaction Type Positions: 38-39 Length: 2 Format: alphanumeric	Description: This field will contain the transaction type from EMV data Tag 9C-EMV Transaction Type.
Card Sequence Number Positions: 40-42 Length: 3 Format: alphanumeric	Description: This field will contain the card sequence number from EMV data Tag 5F34-EMV Card Sequence Number.

EMV Data Edit Criteria

Terminal Transaction Date Positions: 43-48 Length: 6 Format: alphanumeric	Description: This field will contain the terminal transaction date from EMV data Tag 9A-EMV Terminal Transaction Date.
Terminal Capability Profile Positions: 49-54 Length: 6 Format: alphanumeric	Description: This field will contain the terminal capability from EMV data Tag 9F33-EMV Terminal Capability Profile.
Terminal Country Code Positions: 55-57 Length: 3 Format: alphanumeric	Description: This field will contain the terminal country code from EMV data Tag 9F1A-EMV Terminal Country Code.
Unpredictable Number Positions: 58-65 Length: 8 Format: alphanumeric	Description: This field will contain the unpredictable number from EMV data Tag 9F37-EMV Unpredictable Number.
Application Transaction Counter Positions: 66-69 Length: 4 Format: alphanumeric	Description: This field will contain the application transaction counter from EMV data Tag 9F36-EMV Application Transaction Counter.
Application Interchange Profile Positions: 70-73 Length: 4 Format: alphanumeric	Description: This field will contain the application interchange profile from EMV data Tag 82-EMV Application Interchange Profile.
Application Cryptogram Positions: 74-89 Length: 16 Format: alphanumeric	Description: This field will contain the application cryptogram from EMV data Tag 9F26-EMV Application Cryptogram.
Terminal Verification Results Positions: 90-99 Length: 10 Format: alphanumeric	Description: This field will contain the terminal verification results from EMV data Tag 95-EMV Terminal Verification Results.

EMV Data Edit Criteria

Amount Authorized Positions: 100-111 Length: 12 Format: alphanumeric	Description: This field will contain the authorized amount from EMV data Tag 9F02-EMV Amount Authorized.
Form Factor Indicator Positions: 112-119 Length: 8 Format: alphanumeric	Description: This field will contain the form factor indicator from EMV data Tag 9F6E-EMV Form Factor Indicator.
Reserved Positions: 120-170 Length: 51 Format: alphanumeric	Description: This field will contain all spaces .

TC 33.B - CP 52 TCR 1 EMV Data (Cont'd)

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 52 TCR 1 - EMV DATA (CONT'D).

ITF - Incoming Interchange

EMV Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-70	64	AN	Issuer Application Data, Byte 1-32
71-80	10	AN	Issuer Script 1 Results
81-82	2	AN	Cryptogram Information Data (CID)
83-88	6	AN	Cardholder Verification Method (CVM) Results
89-92	4	AN	Terminal Application Version Number

EMV Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
93-100	8	AN	Transaction Sequence Counter
101-104	4	AN	Application Usage Control
105-136	32	AN	Application Identifier (AID) - terminal
137-168	32	AN	Issuer Authentication Data
169-170	2	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

EMV Data (Cont'd) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted. The field must contain spaces for computers that do not generate hash totals.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 1 .
Issuer Application Data, Byte 1-32 Positions: 7-70 Length: 64 Format: alphanumeric	Description: This field will contain the issuer application data from EMV data Tag 9F10-EMV Issuer Application Data. Note: Leading length byte removed.

EMV Data (Cont'd) Edit Criteria

Issuer Script 1 Results Positions: 71-80 Length: 10 Format: alphanumeric	Description: This field will contain the issuer script 1 results from EMV data Tag 9F5B-EMV Issuer Script 1 Results. Note: Leading length byte removed.
Cryptogram Information Data (CID) Positions: 81-82 Length: 2 Format: alphanumeric	Description: This field will contain the cryptogram information data from EMV data Tag 9F27-EMV Cryptogram Information Data.
Cardholder Verification Method (CVM) Results Positions: 83-88 Length: 6 Format: alphanumeric	Description: This field will contain the cardholder verification method results from EMV data Tag 9F34-EMV Cardholder Verification Method (CVM) Results.
Terminal Application Version Number Positions: 89-92 Length: 4 Format: alphanumeric	Description: This field will contain the terminal application version number from EMV data Tag 9F09-EMV Terminal Application Version Number.
Transaction Sequence Counter Positions: 93-100 Length: 8 Format: alphanumeric	Description: This field will contain the transaction sequence counter from EMV data Tag 9F41-EMV Transaction Sequence Counter.
Application Usage Control Positions: 101-104 Length: 4 Format: alphanumeric	Description: This field will contain the application usage control from EMV data Tag 9F07-Application Usage Control (AUC).
Application Identifier (AID) - Terminal Positions: 105-136 Length: 32 Format: alphanumeric	Description: This field will contain the application identifier terminal from EMV data Tag 9F06-EMV Application Identifier Terminal. Note: Leading length byte removed.

EMV Data (Cont'd) Edit Criteria

Issuer Authentication Data Positions: 137-168 Length: 32 Format: alphanumeric	Description: This field will contain the issuer authentication data from EMV data Tag 91-EMV Issuer Authentication Data. Note: Leading length byte removed.
Reserved Positions: 169-170 Length: 2 Format: alphanumeric	Description: This field will contain all spaces .

TC 33.B - CP 53 TCR 0 Lodging Summary Record

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 53 TCR 0 - LODGING SUMMARY RECORD.

Lodging Summary Record Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-12	6	UN	Destination Identifier
13-18	6	UN	Source Identifier
19-22	4	AN	File Identifier - Merchant Capture Data
23-37	15	AN	Message Identifier
38-43	6	AN	Check-In Date
44-49	6	AN	Check-Out Date
50-57	8	AN	Daily Room Rate 1
58-61	4	AN	Daily Room Nights 1
62-78	17	AN	Customer Service Toll Free Number
79	1	AN	Special Program Code

Lodging Summary Record Record Layout

Position	Field Length	Format	Contents
80-87	8	AN	Travel Agency Code
88-112	25	ANS	Travel Agency Name
113-124	12	AN	Room Service Charges
125-136	12	AN	Mini Bar Charges
137-148	12	AN	Internet Access Charges
149	1	AN	Fire Safety Indicator
150-170	21	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Lodging Summary Record Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 (TC 33.B capture transactions (merchant)).
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: This field must contain spaces for computers that do not generate hash totals. Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of (0) (zero).
Destination Identifier Positions: 7-12 Length: 6 Format: unpacked numeric	Description: This field will contain the destination identifier of the VIC.

Lodging Summary Record Edit Criteria

Source Identifier Positions: 13-18 Length: 6 Format: unpacked numeric	Description: This field will contain the MDEX identifier.
File Identifier - Merchant Capture Data Positions: 19-22 Length: 4 Format: alphanumeric	Description: This field will contain the static value set to CP53 (Lodging data).
Message Identifier Positions: 23-37 Length: 15 Format: alphanumeric	Description: This field will contain a unique message identifier that links a specific capture record among multiple capture records being submitted for a single transaction. All capture records within the same file linked to a single authorization request contain the same message identifier. The same message identifier can be assigned to other related capture records located in additional TCR groups identified by a value of CPnn in the TC 33 application code fields.
Check-in Date Positions: 38-43 Length: 6 Format: alphanumeric	Description: This field will contain the date of check-in. The date will be in mmddyy format, where: <ul style="list-style-type: none">• mm = Month (01-12)• dd = Day (01-31)• yy = Year (00-99)
Check-out Date Positions: 44-49 Length: 6 Format: alphanumeric	Description: This field will contain the date of check-out. The date will be in mmddyy format, where: <ul style="list-style-type: none">• mm = Month (01-12)• dd = Day (01-31)• yy = Year (00-99)
Daily Room Rate 1 Positions: 50-57 Length: 8 Format: alphanumeric	Description: This field will contain a daily room rate for rate one.
Daily Room Nights 1 Positions: 58-61 Length: 4 Format: alphanumeric	Description: This field will contain the number of nights at rate one.

Lodging Summary Record Edit Criteria

Customer Service Toll Free Number Positions: 62-78 Length: 17 Format: alphanumeric	Description: This field will contain the phone number of the help desk/reservations.
Special Program Code Positions: 79 Length: 1 Format: alphanumeric	Description: This field will contain a special program code value. Values: <ul style="list-style-type: none">• 1 (Lodging)• 2 (No Show)• 3 (Advance deposit)
Travel Agency Code Positions: 80-87 Length: 8 Format: alphanumeric	Description: This field will contain the code of the travel agency.
Travel Agency Name Positions: 88-112 Length: 25 Format: alphanumeric special character	Description: This field will contain the name of the travel agency.
Room Service Charges Positions: 113-124 Length: 12 Format: alphanumeric	Description: This field will contain the room service charges.
Mini Bar Charges Positions: 125-136 Length: 12 Format: alphanumeric	Description: This field will contain the mini-bar charges.
Internet Access Charges Positions: 137-148 Length: 12 Format: alphanumeric	Description: This field will contain the internet access charges.

Lodging Summary Record Edit Criteria

Fire Safety Indicator Positions: 149 Length: 1 Format: alphanumeric	Description: This field will contain a value that indicates the fire safety status.
Reserved Positions: 150-170 Length: 21 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.B - CP 53 TCR 1 Lodging Summary (Cont'd) Record

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 53 TCR 1 - LODGING SUMMARY (CONT'D) RECORD.

Lodging Summary (Cont'd) Record Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-14	8	AN	Daily Room Rate 2
15-18	4	AN	Daily Room Nights 2
19-26	8	AN	Daily Room Rate 3
27-30	4	AN	Daily Room Nights 3
31-70	40	ANS	Guest Name
71-170	100	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Lodging Summary (Cont'd) Record Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 (TC 33.B capture transactions (merchant)).
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: This field must contain spaces for computers that do not generate hash totals. Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 1 (one).
Daily Room Rate 2 Positions: 7-14 Length: 8 Format: alphanumeric	Description: This field will contain a daily room rate for rate two.
Daily Room Nights 2 Positions: 15-18 Length: 4 Format: alphanumeric	Description: This field will contain the number of nights at rate two.
Daily Room Rate 3 Positions: 19-26 Length: 8 Format: alphanumeric	Description: This field will contain a daily room rate for rate three.
Daily Room Nights 3 Positions: 27-30 Length: 4 Format: alphanumeric	Description: This field will contain the number of nights at rate three.

Lodging Summary (Cont'd) Record Edit Criteria

Guest Name Positions: 31-70 Length: 40 Format: alphanumeric special character	Description: This field will contain the name of the guest who is registered for the room.
Reserved Positions: 71-170 Length: 100 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.B - CP 53 TCR 2 Lodging Summary (Cont'd) Record

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 53 TCR 2 - LODGING SUMMARY (CONT'D) RECORD.

Lodging Summary (Cont'd) Record Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7	1	AN	Smoking Preference
8-9	2	AN	Number of Rooms Booked
10-11	2	AN	Number of Adults
12-23	12	AN	Bed Type
24-33	10	AN	Tax Elements
34-45	12	AN	Rate Type
46-62	17	AN	Corporate Client Code
63-74	12	AN	Promotional Code
75-86	12	AN	Additional Coupon

Lodging Summary (Cont'd) Record Record Layout

Position	Field Length	Format	Contents
87-96	10	AN	Room Location
97-170	74	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Lodging Summary (Cont'd) Record Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 (TC 33.B capture transactions (merchant)).
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: This field must contain spaces for computers that do not generate hash totals. Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 2 (two).
Smoking Preference Positions: 7 Length: 1 Format: alphanumeric	Description: This field will contain a smoking preference value. Values: <ul style="list-style-type: none"> • Y (Smoking) • N (Non-smoking)
Number of Rooms Booked Positions: 8-9 Length: 2 Format: alphanumeric	Description: This field will contain the total number of rooms booked by the cardholder.

Lodging Summary (Cont'd) Record Edit Criteria

Number of Adults Positions: 10-11 Length: 2 Format: alphanumeric	Description: This field will contain the number of adult guests in the room.
Bed Type Positions: 12-23 Length: 12 Format: alphanumeric	Description: This field will contain the type of bed in the room.
Tax Elements Positions: 24-33 Length: 10 Format: alphanumeric	Description: This field will contain the summary of all tax types. For example, tourist, hotel, etc.
Rate Type Positions: 34-45 Length: 12 Format: alphanumeric	Description: This field will contain a rate type. For example, AAA, AARP, corporate, etc.
Corporate Client Code Positions: 46-62 Length: 17 Format: alphanumeric	Description: This field will contain the corporate client code assigned to the renter's corporation.
Promotional Code Positions: 63-74 Length: 12 Format: alphanumeric	Description: This field will contain the promotional code that describes the discount program.
Additional Coupon Positions: 75-86 Length: 12 Format: alphanumeric	Description: This field will contain an additional coupon value if needed.

Lodging Summary (Cont'd) Record Edit Criteria

Room Location Positions: 87-96 Length: 10 Format: alphanumeric	Description: This field will contain room location information. For example, ocean view, lake view, etc.
Reserved Positions: 97-170 Length: 74 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.B - CP 53 TCR 3 Lodging Additional Amounts Record

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 53 TCR 3 - LODGING ADDITIONAL AMOUNTS RECORD.

Lodging Additional Amounts Record Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-18	12	AN	Total Tax
19-30	12	AN	Food and Beverage Charges
31-42	12	AN	Total Room Tax
43-54	12	AN	Adjustment Amount
55-66	12	AN	Phone Charges
67-78	12	AN	Restaurant Charges
79-90	12	AN	Laundry Charges
91-102	12	AN	Movie Charges
103-114	12	AN	Lounge/Bar Charges
115-126	12	AN	Early Departure Charges

Lodging Additional Amounts Record Record Layout

Position	Field Length	Format	Contents
127-138	12	AN	Prepaid Expenses
139-150	12	AN	Other Charges
151-162	12	AN	Gift Shop Charges
163-170	8	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Lodging Additional Amounts Record Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 (TC 33.B capture transactions (merchant)).
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: This field must contain spaces for computers that do not generate hash totals. Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 3 (three).
Total Tax Positions: 7-18 Length: 12 Format: alphanumeric	Description: This field will contain the total amount of tax.

Lodging Additional Amounts Record Edit Criteria

Food and Beverage Charges Positions: 19-30 Length: 12 Format: alphanumeric	Description: This field will contain the food and beverage charges.
Total Room Tax Positions: 31-42 Length: 12 Format: alphanumeric	Description: This field will contain the total amount for the room tax.
Adjustment Amount Positions: 43-54 Length: 12 Format: alphanumeric	Description: This field will contain the amount of an adjustment.
Phone Charges Positions: 55-66 Length: 12 Format: alphanumeric	Description: This field will contain the charges for telephone use.
Restaurant Charges Positions: 67-78 Length: 12 Format: alphanumeric	Description: This field will contain the restaurant charges.
Laundry Charges Positions: 79-90 Length: 12 Format: alphanumeric	Description: This field will contain the laundry charges.
Movie Charges Positions: 91-102 Length: 12 Format: alphanumeric	Description: This field will contain the movie charges.
Lounge/Bar Charges Positions: 103-114 Length: 12 Format: alphanumeric	Description: This field will contain the lounge and bar charges.

Lodging Additional Amounts Record Edit Criteria

Early Departure Charges Positions: 115-126 Length: 12 Format: alphanumeric	Description: This field will contain the early departure charges.
Prepaid Expenses Positions: 127-138 Length: 12 Format: alphanumeric	Description: This field will contain prepaid expenses.
Other Charges Positions: 139-150 Length: 12 Format: alphanumeric	Description: This field will contain other miscellaneous charges.
Gift Shop Charges Positions: 151-162 Length: 12 Format: alphanumeric	Description: This field will contain the gift shop charges.
Reserved Positions: 163-170 Length: 8 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.B - CP 53 TCR 4 Lodging Additional Amounts Record (Cont'd)

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 53 TCR 4 - LODGING ADDITIONAL AMOUNTS RECORD (CONT'D).

Lodging Additional Amounts Record (Cont'd) Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier

Lodging Additional Amounts Record (Cont'd) Record Layout

Position	Field Length	Format	Contents
6	1	AN	Transaction Component Sequence Number
7-18	12	AN	Health Club Charges
19-30	12	AN	Valet Parking Charges
31-42	12	AN	Cash Disbursement Charges
43-54	12	AN	Non-Room Charges
55-66	12	AN	Business Center Charges
67-78	12	AN	Transportation Charges
79-90	12	AN	Gratuities Charges
91-102	12	AN	Conference Room Charges
103-114	12	AN	Audio Visual Charges
115-126	12	AN	Banquet Charges
127-138	12	AN	Total Non-Room Tax Amount
139-170	32	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Lodging Additional Amounts Record (Cont'd) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 (TC 33.B capture transactions (merchant)).
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: This field must contain spaces for computers that do not generate hash totals. Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).

Lodging Additional Amounts Record (Cont'd) Edit Criteria

Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 4 (four).
Health Club Charges Positions: 7-18 Length: 12 Format: alphanumeric	Description: This field will contain the health club charges.
Valet Parking Charges Positions: 19-30 Length: 12 Format: alphanumeric	Description: This field will contain the valet parking charges.
Cash Disbursement Charges Positions: 31-42 Length: 12 Format: alphanumeric	Description: This field will contain the cash disbursement charges.
Non-Room Charges Positions: 43-54 Length: 12 Format: alphanumeric	Description: This field will contain the non-room charges.
Business Center Charges Positions: 55-66 Length: 12 Format: alphanumeric	Description: This field will contain the business center charges.
Transportation Charges Positions: 67-78 Length: 12 Format: alphanumeric	Description: This field will contain the transportation charges.
Gratuity Charges Positions: 79-90 Length: 12 Format: alphanumeric	Description: This field will contain the gratuity charges.

Lodging Additional Amounts Record (Cont'd) Edit Criteria

Conference Room Charges Positions: 91-102 Length: 12 Format: alphanumeric	Description: This field will contain the conference room charges.
Audio Visual Charges Positions: 103-114 Length: 12 Format: alphanumeric	Description: This field will contain the audio visual charges.
Banquet Charges Positions: 115-126 Length: 12 Format: alphanumeric	Description: This field will contain the banquet charges.
Total Non-Room Tax Amount Positions: 127-138 Length: 12 Format: alphanumeric	Description: This field will contain the total tax amount for non-room charges.
Reserved Positions: 139-170 Length: 32 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.B - CP 54 TCR 0 Level II Data

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 54 TCR 0 - LEVEL II DATA.

ITF - Incoming Interchange

Level II Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number

Level II Data Record Layout

Position	Field Length	Format	Contents
7-12	6	UN	Destination Identifier
13-18	6	UN	Source Identifier
19-22	4	AN	File Identifier - Merchant Capture Data
23-37	15	AN	Message Identifier
38-49	12	AN	Local Tax
50	1	AN	Local Tax Included
51-62	12	AN	National Tax
63	1	AN	National Tax Included
64-80	17	AN	Customer Code/Customer Reference Identifier (CRI)
81-100	20	AN	Merchant VAT Registration/Single Business Reference Number
101-170	70	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Level II Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted. The field must contain spaces for computers that do not generate hash totals.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).

Level II Data Edit Criteria

Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 0 (zero).
Destination Identifier Positions: 7-12 Length: 6 Format: unpacked numeric	Description: This field will contain the destination identifier of the VIC.
Source Identifier Positions: 13-18 Length: 6 Format: unpacked numeric	Description: This field will contain the MDEX identifier.
File Identifier - Merchant Capture Data Positions: 19-22 Length: 4 Format: alphanumeric	Description: This field will contain the value of CP54 .
Message Identifier Positions: 23-37 Length: 15 Format: alphanumeric	Description: This field will contain a unique message identifier that links a specific capture record among multiple capture records being submitted for a single transaction. All capture records within the same file linked to a single authorization request contain the same message identifier. The same message identifier can be assigned to other related capture records located in additional TCR groups identified by a value of CPnn in the TC 33 Application Code fields.
Local Tax Positions: 38-49 Length: 12 Format: alphanumeric	Description: This field will contain the amount of state or provincial tax included in the transaction amount. This amount is expressed in the same currency as the source amount.
Local Tax Included Positions: 50 Length: 1 Format: alphanumeric	Description: This field will contain a value that indicates whether local tax is included. REFERENCE For valid values, see <i>BASE II Clearing Data Codes</i> .
National Tax Positions: 51-62 Length: 12 Format: alphanumeric	Description: (For Australia) This field will contain the goods and services tax (GST) amount.

Level II Data Edit Criteria

National Tax Included Positions: 63 Length: 1 Format: alphanumeric	Description: This field will contain a value that indicates whether national tax is included. REFERENCE For valid values, see <i>BASE II Clearing Data Codes</i> .
Customer Code/Customer Reference Identifier (CRI) Positions: 64-80 Length: 17 Format: alphanumeric	Description: This field will contain a reference number or code that identifies the customer or consumer.
Merchant VAT Registration/Single Business Reference Number Positions: 81-100 Length: 20 Format: alphanumeric	Description: This field will contain the merchant Australian business number.
Reserved Positions: 101-170 Length: 70 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.B - CP 54 TCR 1 Level II Data - American Express

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 54 TCR 1 - LEVEL II DATA - AMERICAN EXPRESS.

ITF - Incoming Interchange

Level II Data-American Express Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number

Level II Data-American Express Record Layout

Position	Field Length	Format	Contents
7-46	40	AN	AMEX - Charge descriptor 1
47-86	40	AN	AMEX - Charge descriptor 2
87-126	40	AN	AMEX - Charge descriptor 3
127-166	40	AN	AMEX - Charge descriptor 4
167-169	3	AN	AMEX - Tax Type Code
170	1	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Level II Data-American Express Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: This field will contain the Record Hash Total or spaces.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 .
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 1 .
AMEX - Charge descriptor 1 Positions: 7-46 Length: 40 Format: alphanumeric	Description: This field will contain the miscellaneous transaction information.

Level II Data-American Express Edit Criteria

AMEX - Charge descriptor 2 Positions: 47-86 Length: 40 Format: alphanumeric	Description: This field will contain the miscellaneous transaction information.
AMEX - Charge descriptor 3 Positions: 87-126 Length: 40 Format: alphanumeric	Description: This field will contain the miscellaneous transaction information.
AMEX - Charge descriptor 4 Positions: 127-166 Length: 40 Format: alphanumeric	Description: This field will contain the miscellaneous transaction information.
AMEX - Tax Type Code Positions: 167-169 Length: 3 Format: alphanumeric	Description: This field will contain the tax type code.
Reserved Positions: 170 Length: 1 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.B - CP 54 TCR 2 Level III Data - Purchasing Transaction Summary

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 54 TCR 2 - LEVEL III DATA - PURCHASING TRANSACTION SUMMARY.

ITF - Incoming Interchange

Level III Data-Purchasing Transaction Summary Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total

Level III Data-Purchasing Transaction Summary Record Layout

Position	Field Length	Format	Contents
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-18	12	AN	Discount Amount
19	1	AN	Discount Amount Signage
20-31	12	AN	Freight/Shipping Amount
32	1	AN	Freight/Shipping Amount Signage
33-44	12	AN	Duty Amount
45	1	AN	Duty Amount Signage
46-57	12	AN	VAT/TAX Amount
58	1	AN	VAT/TAX Amount Signage
59-73	15	AN	Unique VAT Invoice Reference Number
74-79	6	AN	Order Date
80-83	4	AN	VAT/TAX Rate (Freight/Shipping)
84-87	4	AN	Summary Commodity Code
88	1	AN	Invoice Level Discount Treatment
89	1	AN	Tax Treatment
90-114	25	ANS	MC - Card Acceptor Ref Number
115-134	20	ANS	MC - Card Acceptor VAT Number
135-154	20	ANS	MC - Customer VAT Number
155-170	16	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Level III Data-Purchasing Transaction Summary Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: This field will contain the record hash total or spaces.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 .
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 2 .
Discount Amount Positions: 7-18 Length: 12 Format: alphanumeric	Description: This field will contain the discount amount.
Discount Amount Signage Positions: 19 Length: 1 Format: alphanumeric	Description: This field will contain the discount amount signage.
Freight/Shipping Amount Positions: 20-31 Length: 12 Format: alphanumeric	Description: This field will contain the freight/shipping amount.
Freight/Shipping Amount Signage Positions: 32 Length: 1 Format: alphanumeric	Description: This field will contain the freight/shipping amount signage.

Level III Data-Purchasing Transaction Summary Edit Criteria

Duty Amount Positions: 34-44 Length: 12 Format: alphanumeric	Description: This field will contain the duty amount.
Duty Amount Signage Positions: 45 Length: 1 Format: alphanumeric	Description: This field will contain the duty amount signage.
VAT/TAX Amount Positions: 46-57 Length: 12 Format: alphanumeric	Description: This field will contain the VAT/TAX amount.
VAT/TAX Amount Signage Positions: 58 Length: 1 Format: alphanumeric	Description: This field will contain the VAT/TAX amount signage.
Unique VAT Invoice Reference Number Positions: 59-73 Length: 15 Format: alphanumeric	Description: This field will contain the unique VAT invoice reference number.
Order Date Positions: 74-79 Length: 6 Format: alphanumeric	Description: This field will contain the order date.
VAT/TAX Rate (Freight/Shipping) Positions: 80-83 Length: 4 Format: alphanumeric	Description: This field will contain the VAT/TAX rate (Freight/Shipping).
Summary Commodity Code Positions: 84-87 Length: 4 Format: alphanumeric	Description: This field will contain the summary commodity code.

Level III Data-Purchasing Transaction Summary Edit Criteria

Invoice Level Discount Treatment Positions: 88 Length: 1 Format: alphanumeric	Description: This field will contain the invoice level discount treatment.
Tax Treatment Positions: 89 Length: 1 Format: alphanumeric	Description: This field will contain the tax treatment.
MC - Card Acceptor Reference Number Positions: 90-114 Length: 25 Format: alphanumeric	Description: This field will contain the MC - card acceptor reference number.
MC - Card Acceptor VAT Number Positions: 115-134 Length: 20 Format: alphanumeric	Description: This field will contain the MC - card acceptor VAT number.
MC - Customer VAT Number Positions: 135-154 Length: 20 Format: alphanumeric	Description: This field will contain the MC - customer VAT number.
Reserved Positions: 155-170 Length: 16 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.B - CP 54 TCR 3 Level III Data - Purchasing Transaction

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 54 TCR 3 - LEVEL III DATA - PURCHASING TRANSACTION.

ITF - Incoming Interchange

Level III Data-Purchasing Transaction Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-42	36	AN	MC - Authorized Contact Name
43-82	40	AN	MC - Contact Number
83-170	40	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Level III Data-Purchasing Transaction

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: This field will contain the record hash total or spaces.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 .
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 3 .
MC - Authorized Contact Name Positions: 7-42 Length: 36 Format: alphanumeric	Description: This field will contain the MC authorized contact name.

Level III Data-Purchasing Transaction

MC - Contact Number Positions: 43-82 Length: 40 Format: alphanumeric	Description: This field will contain the MC authorized contact number.
Reserved Positions: 83-170 Length: 40 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.B - CP 55 TCR 0 Passenger Itinerary Data

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 55 TCR 0 - PASSENGER ITINERARY DATA.

ITF - Incoming Interchange

Passenger Itinerary Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-12	6	UN	Destination Identifier
13-18	6	UN	Source Identifier
19-22	4	AN	File Identifier - Merchant Capture Data
23-37	15	AN	Message Identifier
38-57	20	ANS	Passenger Name
58-63	6	AN	Departure Date
64-66	3	AN	Origination City/Airport Code
67-74	8	AN	Travel Agency Code
75-99	25	ANS	Travel Agency Name

Passenger Itinerary Data Record Layout

Position	Field Length	Format	Contents
100	1	AN	Restricted Ticket Indicator
101-104	4	AN	Computerized Reservation System
105-119	15	AN	Ticket Number
120-139	20	AN	Total Clearing Amount
140-164	25	AN	Customer Code
165-166	2	AN	Multiple Clearing Sequence Number
167-168	2	AN	Multiple Clearing Sequence Count
169-170	2	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Passenger Itinerary Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted. The field must contain spaces for computers that do not generate hash totals.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 0 (zero).

Passenger Itinerary Data Edit Criteria

Destination Identifier Positions: 7-12 Length: 6 Format: unpacked numeric	Description: This field will contain the destination identifier of the VIC.
Source Identifier Positions: 13-18 Length: 6 Format: unpacked numeric	Description: This field will contain the MDEX identifier.
File Identifier - Merchant Capture Data Positions: 19-22 Length: 4 Format: alphanumeric	Description: This field will contain the value of CP55 .
Message Identifier Positions: 23-37 Length: 15 Format: alphanumeric	Description: This field will contain a unique message identifier that links a specific capture record among multiple capture records being submitted for a single transaction. All capture records within the same file linked to a single authorization request contain the same message identifier. The same message identifier can be assigned to other related capture records located in additional TCR groups identified by a value of CPnn in the TC 33 Application Code fields.
Passenger Name Positions: 38-57 Length: 20 Format: alphanumeric special character	Description: This field will contain the name of passenger.
Departure Date Positions: 58-63 Length: 6 Format: alphanumeric	Description: This field will contain the date of the passenger's departure in the following format: mmddyy .
Origination City/Airport Code Positions: 64-66 Length: 3 Format: alphanumeric	Description: This field will contain a code that indicates the city or airport where the trip originated.
Travel Agency Code Positions: 67-74 Length: 8 Format: alphanumeric	Description: This field will contain a code identifying travel agency if the ticket was issued by a travel agency.

Passenger Itinerary Data Edit Criteria

Travel Agency Name Positions: 75-99 Length: 25 Format: alphanumeric special character	Description: This field will contain the name of travel agency if the ticket was issued by a travel agency.
Restricted Ticket Indicator Positions: 100 Length: 1 Format: alphanumeric	Description: This field will contain an indicator for whether this ticket is non-refundable. This value is supplied on CPS Passenger Transport 1 and 2 transactions, if the ticket was purchased as a non-refundable. REFERENCE For valid values, see <i>BASE II Clearing Data Codes</i> .
Computerized Reservation System Positions: 101-104 Length: 4 Format: alphanumeric	Description: This field will contain a code that identifies the computerized reservation system used to make the reservation and purchase the ticket.
Ticket Number Positions: 105-119 Length: 15 Format: alphanumeric	Description: This field will contain the ticket number.
Total Clearing Amount Positions: 120-139 Length: 20 Format: alphanumeric	Description: This field will contain the total clearing amount.
Customer Code Positions: 140-164 Length: 25 Format: alphanumeric	Description: This field will contain a reference number or code that identifies the customer or consumer.
Multiple Clearing Sequence Number Positions: 165-166 Length: 2 Format: alphanumeric	Description: This field will contain a sequence number that distinguishes a specific clearing message among multiple clearing messages being submitted for a single CPS authorization.

Passenger Itinerary Data Edit Criteria

Multiple Clearing Sequence Count Positions: 167-168 Length: 2 Format: alphanumeric	Description: This field will contain the count within a multiple clearing sequence.
Reserved Positions: 169-170 Length: 2 Format: alphanumeric	Description: This field will contain all spaces .

TC 33.B - CP 55 TCR 1 Passenger Itinerary Data (Cont'd)

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 55 TCR 1 - PASSENGER ITINERARY DATA (CONT'D).

ITF - Incoming Interchange

Passenger Itinerary Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-25	19	AN	Total Fare Amount
26-44	19	AN	Total Taxes Amount
45-64	20	AN	Total Fee Amount
65	1	AN	Credit Reason Indicator
66	1	AN	Ticket Change Indicator
67-170	104	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Passenger Itinerary Data (Cont'd) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted. The field must contain spaces for computers that do not generate hash totals.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 1 .
Total Fare Amount Positions: 7-25 Length: 19 Format: alphanumeric	Description: This field will contain the total fare amount.
Total Taxes Amount Positions: 26-44 Length: 19 Format: alphanumeric	Description: This field will contain the total taxes amount.
Total Fee Amount Positions: 45-64 Length: 20 Format: alphanumeric	Description: This field will contain the total fee amount.

Passenger Itinerary Data (Cont'd) Edit Criteria

Credit Reason Indicator Positions: 65 Length: 1 Format: alphanumeric	Description: This field will contain a code that indicates the reason for the credit to the cardholder. Values: A (Passenger transport ancillary purchase cancellation) B (Airline ticket and passenger transport ancillary purchase cancellation) C (Airline ticket cancellation) O (Other) P (Partial refund of airline ticket)
Ticket Change Indicator Positions: 66 Length: 1 Format: alphanumeric	Description: This field will contain a code that indicates why a ticket was changed. Values: C (Airline ticket cancellation) N (New ticket)
Reserved Positions: 65-170 Length: 106 Format: alphanumeric	Description: This field will contain all spaces .

TC 33.B - CP 55 TCR 2 Passenger Itinerary Data (Cont'd)

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 55 TCR 2 - PASSENGER ITINERARY DATA (CONT'D).

ITF - Incoming Interchange

Passenger Itinerary Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-13	7	Group	Trip Leg 1 Information

Passenger Itinerary Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
7-8	2	AN	Carrier Code
9	1	AN	Service Class
10	1	AN	Stop-Over Code
11-13	3	AN	Destination City/Airport
14-19	6	AN	Fare Basis Code Leg 1
20-24	5	AN	Flight Number Leg 1
25-30	6	AN	Departure Date Leg 1
31-34	4	AN	Departure Time Leg 1
35	1	AN	Departure Time Segment Leg 1
36-39	4	AN	Arrival Time Leg 1
40	1	AN	Arrival Time Segment Leg 1
41-60	20	ANS	Endorsement/Restrictions Leg 1
61-85	25	AN	Conjunction Ticket Leg 1
86-110	25	AN	Exchange Ticket Leg 1
111	1	AN	Coupon Number Leg 1
112-123	12	AN	Fare Amount Leg 1
124-135	12	AN	Tax Amount Leg 1
136-147	12	AN	Fee Amount Leg 1
148-170	23	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Passenger Itinerary Data (Cont'd) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted. The field must contain spaces for computers that do not generate hash totals.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 2 .
Trip Leg 1 Information Positions: 7-13 Length: 7 Format: Group	Description: This field will contain the description of the first leg of the trip.
Carrier Code Positions: 7-8 Length: 2 Format: alphanumeric	Description: This field will contain a code that indicates the carrier for the first leg of the trip, such as United Airlines or Jet Blue.
Service Class Positions: 9 Length: 1 Format: alphanumeric	Description: This field will contain a code that indicates the service class for the first leg of the trip, such as first class or business class.
Stop-Over Code Positions: 10 Length: 1 Format: alphanumeric	Description: This field will contain a code that indicates whether a stopover is allowed on this ticket for the first leg of the trip.

Passenger Itinerary Data (Cont'd) Edit Criteria

Destination City/Airport Positions: 11-13 Length: 3 Format: alphanumeric	Description: This field will contain a code that indicates the destination city's airport for the first leg of the trip.
Fare Basis Code Leg 1 Positions: 14-19 Length: 6 Format: alphanumeric	Description: This field will contain the fare basis code used for the first leg of the trip.
Flight Number Leg 1 Positions: 20-24 Length: 5 Format: alphanumeric	Description: This field will contain the number of the airline flight to be taken for the first leg of the trip.
Departure Date Leg 1 Positions: 25-30 Length: 6 Format: alphanumeric	Description: This field will contain the date of the passenger's departure for the first leg of the trip in the following format: mmddyy .
Departure Time Leg 1 Positions: 31-34 Length: 4 Format: alphanumeric	Description: This field will contain the time of passenger's departure for the first leg of the trip in the following format: hhmm .
Departure Time Segment Leg 1 Positions: 35 Length: 1 Format: alphanumeric	Description: This field will contain the time of passenger's departure for the first leg segment of the trip.
Arrival Time Leg 1 Positions: 36-39 Length: 4 Format: alphanumeric	Description: This field will contain the time of passenger's arrival for the first leg of the trip in the following format: hhmm .
Arrival Time Segment Leg 1 Positions: 40 Length: 1 Format: alphanumeric	Description: This field will contain the time of passenger's arrival for the first leg segment of the trip.

Passenger Itinerary Data (Cont'd) Edit Criteria

Endorsement/Restrictions Leg 1 Positions: 41-60 Length: 20 Format: alphanumeric special character	Description: This field will contain a value that indicates endorsements and restrictions for the first leg of trip.
Conjunction Ticket Leg 1 Positions: 61-85 Length: 25 Format: alphanumeric	Description: This field will contain conjunction ticket information for the first leg of trip.
Exchange Ticket Leg 1 Positions: 86-110 Length: 25 Format: alphanumeric	Description: This field will contain exchange ticket information for the first leg of trip.
Coupon Number Leg 1 Positions: 111 Length: 1 Format: alphanumeric	Description: This field will contain the coupon number for the first leg of trip.
Fare Amount Leg 1 Positions: 112-123 Length: 12 Format: alphanumeric	Description: This field will contain the fare amount leg 1.
Tax Amount Leg 1 Positions: 124-135 Length: 12 Format: alphanumeric	Description: This field will contain the tax amount leg 1.
Fee Amount Leg 1 Positions: 136-147 Length: 12 Format: alphanumeric	Description: This field will contain the fee amount leg 1.
Reserved Positions: 148-170 Length: 23 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.B - CP 55 TCR 3 Passenger Itinerary Data (Cont'd)

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 55 TCR 3 - PASSENGER ITINERARY DATA (CONT'D).

ITF - Incoming Interchange

Passenger Itinerary Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-13	7	Group	Trip Leg 2 Information
7-8	2	AN	Carrier Code
9	1	AN	Service Class
10	1	AN	Stop-Over Code
11-13	3	AN	Destination City/Airport
14-19	6	AN	Fare Basis Code Leg 2
20-24	5	AN	Flight Number Leg 2
25-30	6	AN	Departure Date Leg 2
31-34	4	AN	Departure Time Leg 2
35	1	AN	Departure Time Segment Leg 2
36-39	4	AN	Arrival Time Leg 2
40	1	AN	Arrival Time Segment Leg 2
41-60	20	ANS	Endorsement/Restrictions Leg 2
61-85	25	AN	Conjunction Ticket Leg 2
86-110	25	AN	Exchange Ticket Leg 2
111	1	AN	Coupon Number Leg 2
112-123	12	AN	Fare Amount Leg 2

Passenger Itinerary Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
124-135	12	AN	Tax Amount Leg 2
136-147	12	AN	Fee Amount Leg 2
148-170	23	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Passenger Itinerary Data (Cont'd) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted. The field must contain spaces for computers that do not generate hash totals.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 3 .
Trip Leg 2 Information Positions: 7-13 Length: 7 Format: Group	Description: This field will contain the description of the second leg of the trip.
Carrier Code Positions: 7-8 Length: 2 Format: alphanumeric	Description: This field will contain a code that indicates the carrier for the second leg of the trip, such as United Airlines or Jet Blue.

Passenger Itinerary Data (Cont'd) Edit Criteria

Service Class Positions: 9 Length: 1 Format: alphanumeric	Description: This field will contain a code that indicates the service class for the second leg of the trip, such as first class or business class.
Stop-Over Code Positions: 10 Length: 1 Format: alphanumeric	Description: This field will contain a code that indicates whether a stopover is allowed on this ticket for the second leg of the trip.
Destination City/Airport Positions: 11-13 Length: 3 Format: alphanumeric	Description: This field will contain a code that indicates the destination city's airport for the second leg of the trip.
Fare Basis Code Leg 2 Positions: 14-19 Length: 6 Format: alphanumeric	Description: This field will contain the fare basis code used for the second leg of the trip.
Flight Number Leg 2 Positions: 20-24 Length: 5 Format: alphanumeric	Description: This field will contain the number of the airline flight to be taken for the second leg of the trip.
Departure Date Leg 2 Positions: 25-30 Length: 6 Format: alphanumeric	Description: This field will contain the date of the passenger's departure for the second leg of the trip in the following format: mmddyy .
Departure Time Leg 2 Positions: 31-34 Length: 4 Format: alphanumeric	Description: This field will contain the time of passenger's departure for the second leg of the trip in the following format: hhmm .
Departure Time Segment Leg 2 Positions: 35 Length: 1 Format: alphanumeric	Description: This field will contain the time of passenger's departure for the second leg segment of the trip.

Passenger Itinerary Data (Cont'd) Edit Criteria

Arrival Time Leg 2 Positions: 36-39 Length: 4 Format: alphanumeric	Description: This field will contain the time of passenger's arrival for the second leg of the trip in the following format: hhmm .
Arrival Time Segment Leg 2 Positions: 40 Length: 1 Format: alphanumeric	Description: This field will contain the time of passenger's arrival for the second leg segment of the trip.
Endorsement/Restrictions Leg 2 Positions: 41-60 Length: 20 Format: alphanumeric special character	Description: This field will contain a value that indicates endorsements and restrictions for the second leg of trip.
Conjunction Ticket Leg 2 Positions: 61-85 Length: 25 Format: alphanumeric	Description: This field will contain conjunction ticket information for the second leg of trip.
Exchange Ticket Leg 2 Positions: 86-110 Length: 25 Format: alphanumeric	Description: This field will contain exchange ticket information for the second leg of trip.
Coupon Number Leg 2 Positions: 111 Length: 1 Format: alphanumeric	Description: This field will contain the coupon number for the second leg of trip.
Fare Amount Leg 2 Positions: 112-123 Length: 12 Format: alphanumeric	Description: This field will contain the Fare Amount Leg 2.
Tax Amount Leg 2 Positions: 124-135 Length: 12 Format: alphanumeric	Description: This field will contain the Tax Amount Leg 2.

Passenger Itinerary Data (Cont'd) Edit Criteria

Fee Amount Leg 2 Positions: 136-147 Length: 12 Format: alphanumeric	Description: This field will contain the Fee Amount Leg 2.
Reserved Positions: 148-170 Length: 23 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.B - CP 55 TCR 4 Passenger Itinerary Data (Cont'd)

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 55 TCR 4 - PASSENGER ITINERARY DATA (CONT'D).

ITF - Incoming Interchange

Passenger Itinerary Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-13	7	Group	Trip Leg 3 Information
7-8	2	AN	Carrier Code
9	1	AN	Service Class
10	1	AN	Stop-Over Code
11-13	3	AN	Destination City/Airport
14-19	6	AN	Fare Basis Code Leg 3
20-24	5	AN	Flight Number Leg 3
25-30	6	AN	Departure Date Leg 3
31-34	4	AN	Departure Time Leg 3

Passenger Itinerary Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
35	1	AN	Departure Time Segment Leg 3
36-39	4	AN	Arrival Time Leg 3
40	1	AN	Arrival Time Segment Leg 3
41-60	20	ANS	Endorsement/Restrictions Leg 3
61-85	25	AN	Conjunction Ticket Leg 3
86-110	25	AN	Exchange Ticket Leg 3
111	1	AN	Coupon Number Leg 3
112-123	12	AN	Fee Amount Leg 3
124-135	12	AN	Tax Amount Leg 3
136-147	12	AN	Fee Amount Leg 3
148-170	23	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Passenger Itinerary Data (Cont'd) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted. The field must contain spaces for computers that do not generate hash totals.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).

Passenger Itinerary Data (Cont'd) Edit Criteria

Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 4.
Trip Leg 3 Information Positions: 7-13 Length: 7 Format: Group	Description: This field will contain the description of the third leg of the trip.
Carrier Code Positions: 7-8 Length: 2 Format: alphanumeric	Description: This field will contain a code that indicates the carrier for the third leg of the trip, such as United Airlines or Jet Blue.
Service Class Positions: 9 Length: 1 Format: alphanumeric	Description: This field will contain a code that indicates the service class for the third leg of the trip, such as first class or business class.
Stop-Over Code Positions: 10 Length: 1 Format: alphanumeric	Description: This field will contain a code that indicates whether a stopover is allowed on this ticket for the third leg of the trip.
Destination City/Airport Positions: 11-13 Length: 3 Format: alphanumeric	Description: This field will contain a code that indicates the destination city's airport for the third leg of the trip.
Fare Basis Code Leg 3 Positions: 14-19 Length: 6 Format: alphanumeric	Description: This field will contain the fare basis code used for the third leg of the trip.
Flight Number Leg 3 Positions: 20-24 Length: 5 Format: alphanumeric	Description: This field will contain the number of the airline flight to be taken for the third leg of the trip.

Passenger Itinerary Data (Cont'd) Edit Criteria

Departure Date Leg 3 Positions: 25-30 Length: 6 Format: alphanumeric	Description: This field will contain the date of the passenger's departure for the third leg of the trip in the following format: mmddyy .
Departure Time Leg 3 Positions: 31-34 Length: 4 Format: alphanumeric	Description: This field will contain the time of passenger's departure for the third leg of the trip in the following format: hhmm .
Departure Time Segment Leg 3 Positions: 35 Length: 1 Format: alphanumeric	Description: This field will contain the time of passenger's departure for the third leg segment of the trip.
Arrival Time Leg 3 Positions: 36-39 Length: 4 Format: alphanumeric	Description: This field will contain the time of passenger's arrival for the third leg of the trip in the following format: hhmm .
Arrival Time Segment Leg 3 Positions: 40 Length: 1 Format: alphanumeric	Description: This field will contain the time of passenger's arrival for the third leg segment of the trip.
Endorsement/Restrictions Leg 3 Positions: 41-60 Length: 20 Format: alphanumeric special character	Description: This field will contain a value that indicates endorsements and restrictions for the third leg of trip.
Conjunction Ticket Leg 3 Positions: 61-85 Length: 25 Format: alphanumeric	Description: This field will contain conjunction ticket information for the third leg of trip.
Exchange Ticket Leg 3 Positions: 86-110 Length: 25 Format: alphanumeric	Description: This field will contain exchange ticket information for the third leg of trip.

Passenger Itinerary Data (Cont'd) Edit Criteria

Coupon Number Leg 3 Positions: 111 Length: 1 Format: alphanumeric	Description: This field will contain the coupon number for the third leg of trip.
Fare Amount Leg 3 Positions: 112-123 Length: 12 Format: alphanumeric	Description: This field will contain the Fare Amount Leg 3.
Tax Amount Leg 3 Positions: 124-135 Length: 12 Format: alphanumeric	Description: This field will contain the Tax Amount Leg 3.
Fee Amount Leg 3 Positions: 136-147 Length: 12 Format: alphanumeric	Description: This field will contain the Fee Amount Leg 3.
Reserved Positions: 148-170 Length: 23 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.B - CP 55 TCR 5 Passenger Itinerary Data (Cont'd)

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 55 TCR 5 - PASSENGER ITINERARY DATA (CONT'D).

ITF - Incoming Interchange

Passenger Itinerary Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total

Passenger Itinerary Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-13	7	Group	Trip Leg 4 Information
7-8	2	AN	Carrier Code
9	1	AN	Service Class
10	1	AN	Stop-Over Code
11-13	3	AN	Destination City/Airport
14-19	6	AN	Fare Basis Code Leg 4
20-24	5	AN	Flight Number Leg 4
25-30	6	AN	Departure Date Leg 4
31-34	4	AN	Departure Time Leg 4
35	1	AN	Departure Time Segment Leg 4
36-39	4	AN	Arrival Time Leg 3
40	1	AN	Arrival Time Segment Leg 4
41-60	20	ANS	Endorsement/Restrictions Leg 4
61-85	25	AN	Conjunction Ticket Leg 4
86-110	25	AN	Exchange Ticket Leg 4
111	1	AN	Coupon Number Leg 4
112-123	12	AN	Fare Amount Leg 4
124-135	12	AN	Tax Amount Leg 4
136-147	12	AN	Fee Amount Leg 4
148-170	23	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Passenger Itinerary Data (Cont'd) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted. The field must contain spaces for computers that do not generate hash totals.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 5 .
Trip Leg 4 Information Positions: 7-13 Length: 7 Format: Group	Description: This field will contain the description of the fourth leg of the trip.
Carrier Code Positions: 7-8 Length: 2 Format: alphanumeric	Description: This field will contain a code that indicates the carrier for the fourth leg of the trip, such as United Airlines or Jet Blue.
Service Class Positions: 9 Length: 1 Format: alphanumeric	Description: This field will contain a code that indicates the service class for the fourth leg of the trip, such as first class or business class.
Stop-Over Code Positions: 10 Length: 1 Format: alphanumeric	Description: This field will contain a code that indicates whether a stopover is allowed on this ticket for the fourth leg of the trip.

Passenger Itinerary Data (Cont'd) Edit Criteria

Destination City/Airport Positions: 11-13 Length: 3 Format: alphanumeric	Description: This field will contain a code that indicates the destination city's airport for the fourth leg of the trip.
Fare Basis Code Leg 4 Positions: 14-19 Length: 6 Format: alphanumeric	Description: This field will contain the fare basis code used for the fourth leg of the trip.
Flight Number Leg 4 Positions: 20-24 Length: 5 Format: alphanumeric	Description: This field will contain the number of the airline flight to be taken for the fourth leg of the trip.
Departure Date Leg 4 Positions: 25-30 Length: 6 Format: alphanumeric	Description: This field will contain the date of the passenger's departure for the fourth leg of the trip in the following format: mmddyy .
Departure Time Leg 4 Positions: 31-34 Length: 4 Format: alphanumeric	Description: This field will contain the time of passenger's departure for the fourth leg of the trip in the following format: hhmm .
Departure Time Segment Leg 4 Positions: 35 Length: 1 Format: alphanumeric	Description: This field will contain the time of passenger's departure for the fourth leg segment of the trip.
Arrival Time Leg 4 Positions: 36-39 Length: 4 Format: alphanumeric	Description: This field will contain the time of passenger's arrival for the fourth leg of the trip in the following format: hhmm .
Arrival Time Segment Leg 4 Positions: 40 Length: 1 Format: alphanumeric	Description: This field will contain the time of passenger's arrival for the fourth leg segment of the trip.

Passenger Itinerary Data (Cont'd) Edit Criteria

Endorsement/Restrictions Leg 4 Positions: 41-60 Length: 20 Format: alphanumeric special character	Description: This field will contain a value that indicates endorsements and restrictions for the fourth leg of trip.
Conjunction Ticket Leg 4 Positions: 61-85 Length: 25 Format: alphanumeric	Description: This field will contain conjunction ticket information for the fourth leg of trip.
Exchange Ticket Leg 4 Positions: 86-110 Length: 25 Format: alphanumeric	Description: This field will contain exchange ticket information for the fourth leg of trip.
Coupon Number Leg 4 Positions: 111 Length: 1 Format: alphanumeric	Description: This field will contain the coupon number for the fourth leg of trip.
Fare Amount Leg 4 Positions: 112-123 Length: 12 Format: alphanumeric	Description: This field will contain the Fare Amount Leg 4.
Tax Amount Leg 4 Positions: 124-135 Length: 12 Format: alphanumeric	Description: This field will contain the Tax Amount Leg 4.
Fee Amount Leg 4 Positions: 136-147 Length: 12 Format: alphanumeric	Description: This field will contain the Fee Amount Leg 4.
Reserved Positions: 148-170 Length: 23 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.B - CP 55 TCR 6 Passenger Transport

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 55 TCR 6 - PASSENGER ITINERARY DATA - INDUSTRY-SPECIFIC DATA - PASSENGER TRANSPORT.

Passenger Itinerary Data - Industry-Specific Data - Passenger Transport Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-21	15	AN	Ancillary Ticket Document Number
22	1	AN	Ancillary Credit Reason Indicator
23-26	4	AN	Ancillary Service Category 1
27-30	4	AN	Ancillary Service Sub-Category 1
31-34	4	AN	Ancillary Service Category 2
35-38	4	AN	Ancillary Service Sub-Category 2
39-42	4	AN	Ancillary Service Category 3
43-46	4	AN	Ancillary Service Sub-Category 3
47-50	4	AN	Ancillary Service Category 4
51-54	4	AN	Ancillary Service Sub-Category 4
55-74	20	ANS	Ancillary Passenger Name
75-89	15	AN	Issued in Connection With Ticket Number
88-170	81	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Passenger Itinerary Data - Industry-Specific Data - Passenger Transport Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted. The field must contain spaces for computers that do not generate hash totals.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field contains the value of 0 .
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field contains the value of (x) .
Ancillary Ticket Document Number Positions: 7-21 Length: 15 Format: alphanumeric	Description: This field will contain the form number assigned by the carrier for the transaction. The value of this field is comprised of the carrier code, form, and serial number, without the check digit. This field is required in U.S. domestic originals and reversals in order to qualify for either a custom payment service (CPS) or electronic interchange reimbursement fee (EIRF) fee program.
Ancillary Credit Reason Indicator Positions: 22 Length: 1 Format: alphanumeric	Description: This field will contain a code that indicates the reason for the credit to the cardholder. Values: A (Passenger transport ancillary purchase cancellation) B (Airline ticket and passenger transport ancillary purchase cancellation)
Ancillary Service Category 1 Positions: 23-26 Length: 4 Format: alphanumeric	Description: This field will contain the ancillary service category code for the sole or primary type of service that is being provided. This field is required in U.S. domestic originals and reversals in order to qualify for either a CPS or EIRF fee program.

Passenger Itinerary Data - Industry-Specific Data - Passenger Transport Edit Criteria

Ancillary Service Sub-Category 1 Positions: 27-30 Length: 4 Format: alphanumeric	Description: This field will contain a valid ancillary service sub-category code for the Ancillary Service Category 1 field.
Ancillary Service Category 2 Positions: 31-34 Length: 4 Format: alphanumeric	Description: This field will contain an ancillary service category code for an additional second type of service that is being provided.
Ancillary Service Sub-Category 2 Positions: 35-38 Length: 4 Format: alphanumeric	Description: This field will contain a valid ancillary service sub-category code for the Ancillary Service Category 2 field.
Ancillary Service Category 3 Positions: 39-42 Length: 4 Format: alphanumeric	Description: This field will contain an ancillary service category code for an additional third type of service that is being provided.
Ancillary Service Sub-Category 3 Positions: 43-46 Length: 4 Format: alphanumeric	Description: This field will contain a valid ancillary service sub-category code for the Ancillary Service Category 3 field.
Ancillary Service Category 4 Positions: 47-50 Length: 4 Format: alphanumeric	Description: This field will contain an ancillary service category code for an additional fourth type of service that is being provided.
Ancillary Service Sub-Category 4 Positions: 51-54 Length: 4 Format: alphanumeric	Description: This field will contain a valid ancillary service sub-category code for the Ancillary Service Category 4 field.
Ancillary Passenger Name Positions: 55-74 Length: 20 Format: alphanumeric special character	Description: This field will contain either the passenger's name, or the cardholder's name if the passenger's name is unavailable. If the name is not available, a description of the ancillary purchase should be used. This field is required in U.S. domestic originals and reversals in order to qualify for either a CPS or EIRF fee program.

Passenger Itinerary Data - Industry-Specific Data - Passenger Transport Edit Criteria

Issued in Connection With Ticket Number Positions: 75-89 Length: 15 Format: alphanumeric	Description: If this purchase has a connection or relationship to another purchase, such as a baggage fee for a passenger transport ticket, this field will contain the ticket document number for the other purchase. For a standalone purchase, this field must contain the same value as the Merchant Name field in TCR 0. This field is required in U.S. domestic originals and reversals in order to qualify for either a CPS or EIRF fee program.
Reserved Positions: 90-170 Length: 81 Format: alphanumeric	Description: This field will contain all spaces .

TC 33.B - CP 55 TCR 7 Passenger Itinerary Data (Cont'd)

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 55 TCR 7 - PASSENGER ITINERARY DATA (CONT'D).

ITF - Incoming Interchange

Passenger Itinerary Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-10	4	AN	Issuing Carrier
11-13	3	AN	Ticket Type
14-15	2	AN	Document Type
16-40	25	AN	Ticketing Carrier Name
41-58	18	AN	Ticket Issue City
59-66	8	AN	Ticket Issue Date
67-69	3	AN	Number in Party

Passenger Itinerary Data (Cont'd) Record Layout

Position	Field Length	Format	Contents
70	1	AN	Electronic Ticket Indicator
71-72	2	AN	Plan Number
73-80	8	AN	Arrival Date (Overall)
81-100	20	AN	Restriction Indicator Text
101-112	12	AN	Exchange Amount, Summary
113-124	12	AN	Exchange Fee, Summary
125-170	46	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Passenger Itinerary Data (Cont'd) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: This field will contain calculated record hash or spaces.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 .
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 7 .
Issuing Carrier Positions: 7-10 Length: 4 Format: alphanumeric	Description: This field will contain the issuing carrier.

Passenger Itinerary Data (Cont'd) Edit Criteria

Ticket Type Positions: 11-13 Length: 3 Format: alphanumeric	Description: This field will contain the ticket type.
Document Type Positions: 14-15 Length: 2 Format: alphanumeric	Description: This field will contain the document type.
Ticketing Carrier Name Positions: 16-40 Length: 25 Format: alphanumeric	Description: This field will contain the ticketing carrier name.
Ticket Issue City Positions: 41-58 Length: 18 Format: alphanumeric	Description: This field will contain the ticket issue city.
Ticket Issue Date Positions: 59-66 Length: 8 Format: alphanumeric	Description: This field will contain the ticket issue date.
Number in Party Positions: 67-69 Length: 3 Format: alphanumeric	Description: This field will contain the number in the party.
Electronic Ticket Indicator Positions: 70 Length: 1 Format: alphanumeric	Description: This field will contain the electronic ticket indicator.
Plan Number Positions: 71-72 Length: 2 Format: alphanumeric	Description: This field will contain the plan number.

Passenger Itinerary Data (Cont'd) Edit Criteria

Arrival Date (Overall) Positions: 73-80 Length: 8 Format: alphanumeric	Description: This field will contain the overall arrival date.
Restriction Indicator Text Positions: 81-100 Length: 20 Format: alphanumeric	Description: This field will contain the restrictions text.
Exchange Amount Summary Positions: 101-112 Length: 12 Format: alphanumeric	Description: This field will contain the exchange amount summary information.
Exchange Fee Summary Positions: 113-124 Length: 12 Format: alphanumeric	Description: This field will contain transaction miscellaneous information.
Reserved Positions: 125-170 Length: 46 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.B - CP 56 TCR 0 Purchasing Transaction Line Item Detail

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 56 TCR 0 - ENHANCED DATA - PURCHASING TRANSACTION LINE ITEM DETAIL.

Enhanced Data - Purchasing Transaction Line Item Detail Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier

Enhanced Data - Purchasing Transaction Line Item Detail Record Layout

Position	Field Length	Format	Contents
6	1	AN	Transaction Component Sequence Number
7-12	6	UN	Destination Identifier
13-18	6	UN	Source Identifier
19-22	4	AN	File Identifier - Merchant Capture Data
23-37	15	AN	Message Identifier
38-40	3	AN	Item Sequence Number
41-52	12	ANS	Item Commodity Code
53-87	35	ANS	Item Descriptor
88-102	15	ANS	Product Code
103-114	12	AN	Quantity
115-126	12	AN	Unit of Measure/Code
127-138	12	AN	Unit Cost
139-150	12	AN	Line Item Total
151-162	12	AN	Discount Per Line
163	1	AN	Tax Exempt Indicator
164-168	5	AN	Item Discount - Discount Rate
169	1	AN	Item Level Discount Treatment Code
170	1	AN	Line Item Signage

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Enhanced Transaction - Purchasing Transaction Line Item Detail Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: This field will contain calculated record hash or spaces.

Enhanced Transaction - Purchasing Transaction Line Item Detail Edit Criteria

Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 .
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 0 .
Destination Identifier Positions: 7-12 Length: 6 Format: unpacked numeric	Description: This field will contain the acquiring identifier.
Source Identifier Positions: 13-18 Length: 6 Format: unpacked numeric	Description: This field will contain the MDEX identifier.
File Identifier Positions: 19-22 Length: 4 Format: alphanumeric	Description: This field will contain a static value of CP56 .
Message Identifier Positions: 23-37 Length: 15 Format: alphanumeric	Description: This field is used to link files.
Item Sequence Number Positions: 38-40 Length: 3 Format: alphanumeric	Description: This field will contain the sequence number of the item.
Item Commodity Code Positions: 41-52 Length: 12 Format: alphanumeric special character	Description: This field will contain the item commodity code.

Enhanced Transaction - Purchasing Transaction Line Item Detail Edit Criteria

Item Descriptor Positions: 53-87 Length: 35 Format: alphanumeric special character	Description: This field will contain the item descriptor.
Product Code Positions: 88-102 Length: 15 Format: alphanumeric special character	Description: This field will contain the product code.
Quantity Positions: 103-114 Length: 12 Format: alphanumeric	Description: This field will contain the quantity.
Unit of Measure/Code Positions: 115-126 Length: 12 Format: alphanumeric	Description: This field will contain the unit of measure or code.
Unit Cost Positions: 127-138 Length: 12 Format: alphanumeric	Description: This field will contain the unit cost.
Line Item Total Positions: 139-150 Length: 12 Format: alphanumeric	Description: This field will contain the total line item.
Discount Per Line Positions: 151-162 Length: 12 Format: alphanumeric	Description: This field will contain the discount per line.
Tax Exempt Indicator Positions: 163 Length: 1 Format: alphanumeric	Description: This field will contain the indicator to communicate that this is a tax exempt product.

Enhanced Transaction - Purchasing Transaction Line Item Detail Edit Criteria

Item Discount - Discount Rate Positions: 164-168 Length: 5 Format: alphanumeric	Description: This field will contain the discount or discount rate.
Item Level Discount Treatment Code Positions: 169 Length: 1 Format: alphanumeric	Description: This field will contain the item level discount treatment code.
Line Item Signage Positions: 170 Length: 1 Format: alphanumeric	Description: This field will contain the signage of the line item.

TC 33.B - CP 56 TCR 1 Purchasing Transaction Line Item Detail (Cont'd)

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 56 TCR 1 - ENHANCED DATA - PURCHASING TRANSACTION LINE ITEM DETAIL (CONT'D).

ITF - Incoming Interchange

Enhanced Data - Purchasing Transaction Line Item Detail (Cont'd) Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-18	12	AN	VAT/Tax Amount
19-22	4	AN	VAT/Tax Rate
23-24	2	AN	Type of Supply
25-39	15	ANS	Unique VAT Invoice Reference Number

Enhanced Data - Purchasing Transaction Line Item Detail (Cont'd) Record Layout

Position	Field Length	Format	Contents
40-170	131	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Enhanced Data - Purchasing Transaction Line Item Detail (Cont'd) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: This field will contain calculated record hash or spaces.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 .
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 1 .
VAT/Tax Amount Positions: 7-18 Length: 12 Format: alphanumeric	Description: This field will contain the VAT/Tax amount.
VAT/Tax Rate Positions: 19-22 Length: 4 Format: alphanumeric	Description: This field will contain the VAT/Tax rate.

Enhanced Data - Purchasing Transaction Line Item Detail (Cont'd) Edit Criteria

Type of Supply Positions: 23-24 Length: 2 Format: alphanumeric	Description: This field will contain the type of supply.
Unique VAT Invoice Reference Number Positions: 25-39 Length: 15 Format: alphanumeric	Description: This field will contain the unique VAT invoice reference number.
Reserved Positions: 40-170 Length: 131 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.B - CP 57 TCR 0 Country Data

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 57 TCR 0 - COUNTRY DATA.

Country Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-12	6	UN	Destination Identifier
13-18	6	UN	Source Identifier
19-22	4	AN	TC 33 Application Code
23-37	15	AN	Message Identifier
38-42	5	AN	Special Merchant Identifier
43	1	AN	Special Purchase Identifier Brazil
44-45	2	AN	Account Selection

Country Data Record Layout

Position	Field Length	Format	Contents
46-49	4	ANS	Account Accessed
50-52	3	AN	Mastercard Bill Payment Transaction Type Identifier
53	1	AN	Mastercard Combination Card Transaction Identifier
54-92	39	AN	Mastercard Post-Dated Transaction Details
93-98	6	AN	Mastercard Promotion Code
99-170	72	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Country Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: This field will contain the record hash total or spaces.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 .
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 0 .
Destination Identifier Positions: 7-12 Length: 6 Format: unpacked numeric	Description: This field will be space-filled.

Country Data Edit Criteria

Source Identifier Positions: 13-18 Length: 6 Format: unpacked numeric	Description: This field will contain the value static value of 481222 - CYBS.
TC 33 Application Code Positions: 19-22 Length: 4 Format: alphanumeric	Description: This field will contain the static value set to CP07 .
Message Identifier Positions: 23-37 Length: 15 Format: alphanumeric	Description: A unique message identifier that links a specific capture record among multiple capture records being submitted for a single transaction. All capture records within the same file linked to a single authorization request contain the same message identifier. The same message identifier can be assigned to other related capture records located in additional TCR groups identified by TC 33 application codes (CP 01 through CP 50).
Special Merchant Identifier Positions: 38-42 Length: 5 Format: alphanumeric	Description: This field will contain the special merchant identifier.
Special Purchase Identifier Brazil Positions: 43 Length: 1 Format: alphanumeric	Description: This field will contain the special purchase identifier. Values: 1 = Commissioned Purchase 2 = COBAN 3 = Carne 4 = Commissioned Purchase 2 5 = Crediario Note: For Crediario installment payment, the value must be 5 .
Account Selection Positions: 44-45 Length: 2 Format: alphanumeric	Description: A 2-digit code identifying the account type from which an account transfer is made. 00 = Not Applicable 10 = Savings Account 20 = Checking Account 30 = Credit Card Account 31 = Credit Facility - Line of Credit (Agro/BNDES) 40 = Universal Account 60 = Visa Vale Prepaid Products

Country Data Edit Criteria

Account Accessed Positions: 46-49 Length: 4 Format: alphanumeric special character	Description: This field will contain the total amount funded. Values: AGRO = Visa Agro AGRE = Visa Agro Electron AGRC = Visa Agro Custeio AGRI = Visa Agro Investimento VVA = Visa Vale Alimentacao VVR = Visa Vale Refeicao VVF = Visa Vale Flex
Mastercard Bill Payment Transaction Type Identifier Positions: 50-52 Length: 3 Format: alphanumeric	Description: This field must contain one of the following Mastercard Bill Payment Transaction Type identifier values. Values: C91 (Utility payments - Brazil domestic transactions) C92 (Government services - Brazil domestic transactions) C93 (Mobile phone top-ups - Brazil domestic transactions) C94 (Coupon booklet payments (CARNE) - Brazil domestic transactions) Note: Mapping: F104 U2 DSID 65 T32 => DE 48, SE 77 (AN-3)
Mastercard Combination Card Transaction Identifier Positions: 53 Length: 1 Format: alphanumeric	Description: This field will contain one of these values for Mastercard Brazil-issued combination card transactions. C = Credit Transaction D = Debit Transaction Note: Mapping: F104 U2 DSID 65 T33 => DE 48, SE 14 (AN-1)

Country Data Edit Criteria

Mastercard Post-Dated Transaction Details Positions: 54-92 Length: 39 Format: alphanumeric	Description: This field will contain Mastercard post-dated transaction details for Brazil only. The layout of this field is: Position 1-2, value 30 (post-dated with guarantee); value of 31 (post-dated without guarantee) Position 3 , value of 1 (number of installments) Position 4 , value (Y = with guarantee; N = no guarantee) Position 5-12, guarantee amount Position 13-18, mmddyy (post settlement date) Position 19-24, mmddyy (original Mastercard settlement date) Position 25-33, Banknet Reference Number Position 34-39, Online Authorization Code by issuer Note: Mapping: F104 U2 DSID 65 T06 => DE 112, SE 18
Mastercard Promotion Code Positions: 93-98 Length: 6 Format: alphanumeric	Description: This field will contain the Mastercard Promotion Code.
Reserved Positions: 99-170 Length: 72 Format: alphanumeric	Description: This field will contain spaces.

TC 33.B - CP 57 TCR 1 Brazil Country Data - PARC

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 57 TCR 1 - BRAZIL COUNTRY DATA - PARC.

ITF - Incoming Interchange

Brazil Country Data - PARC Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-8	2	AN	Installment Type
9-10	2	AN	Number of Installments
11	1	AN	Merchant Installment Supporting Information
12-170	159	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Brazil Country Data - PARC Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: This field will contain the record hash total or spaces.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 .
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 1 .

Brazil Country Data - PARC Edit Criteria

Installment Type Positions: 7-8 Length: 2 Format: alphanumeric	Description: This field will be space-filled. Values: 88 - Merchant Installment 99 - Issuer Installments
Number of Installments Positions: 9-10 Length: 2 Format: alphanumeric	Description: This field will contain the number of installments.
Merchant Installment Supporting Information Positions: 11 Length: 1 Format: alphanumeric	Description: This field will contain the merchant installment supporting information. Values: 0 = Regular Installment (Not Allowed for Airlines). 1 = Installment Payment with Down Payment. 2 = Installment Payment without Down Payment (Airlines only). 3 = Installment Payment where Down Payment and Boarding Fee will follow (Airlines only). 4 = Down Payment only. Regular Installment will follow. 5 = Boarding Fee only (Airlines only).
Reserved Positions: 12-170 Length: 159 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.B - CP 57 TCR 2 Brazil Country Data - BNDES

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 57 TCR 2 - BRAZIL COUNTRY DATA - BNDES.

ITF - Incoming Interchange

Brazil Country Data - BNDES Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-8	2	AN	Business Format Code
9-23	15	AN	Cardholder Tax ID
24-27	4	AN	Cardholder Tax ID Type
28	1	AN	Asset Indicator
29-48	20	AN	Loan Type
49-170	122	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Brazil Country Data - BNDES Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: This field will contain the record hash total or spaces.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 .
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 2 .

Brazil Country Data - BNDES Edit Criteria

Business Format Code Positions: 7-8 Length: 2 Format: alphanumeric	Description: This is a fixed value of LD .
Cardholder Tax ID Positions: 9-23 Length: 15 Format: alphanumeric	Description: This field will contain the number of installments.
Cardholder Tax ID Type Positions: 24-27 Length: 4 Format: alphanumeric	Description: This field will contain the merchant installment supporting information. Values: CNPJ = Company Tax ID CPF = Consumer Tax ID
Asset Indicator Positions: 28 Length: 1 Format: alphanumeric	Description: This field will contain the asset indicator. Values: Y or N
Loan Type Positions: 29-48 Length: 20 Format: alphanumeric	Description: This field will contain the loan type name.
Reserved Positions: 49-170 Length: 122 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.B - CP 57 TCR 3 Brazil Country Data - American Express Installment Payment

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 57 TCR 3 - BRAZIL COUNTRY DATA - AMERICAN EXPRESS INSTALLMENT PAYMENT.

ITF - Incoming Interchange

Brazil Country Data - American Express Installment Payment Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-8	2	AN	Plan Type
9-10	2	AN	Number of Installments
11-170	160	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Brazil Country Data - American Express Installment Payment Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: This field will contain the record hash total or spaces.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 .
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 3 .
Plan Type Positions: 7-8 Length: 2 Format: alphanumeric	Description: This field will contain the AMEX plan type.

Brazil Country Data - American Express Installment Payment Edit Criteria

Number of Installments Positions: 9-10 Length: 2 Format: alphanumeric	Description: This field will contain the number of installments.
Reserved Positions: 11-170 Length: 160 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.B - CP 57 TCR 4 Commercial Mastercard Installment Payment

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 57 TCR 4 - COMMERCIAL MASTERCARD INSTALLMENT PAYMENT.

ITF - Incoming Interchange

Commercial Mastercard Installment Payments Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-26	20	ANS	Financing Type
27	1	AN	Buyer ID Type
28-41	14	ANS	Buyer ID
42-52	11	ANS	Buyer Phone Number
53-72	20	ANS	Purchase Identification
73-74	2	AN	Installment Cycles
75-92	18	AN	Interest Rate
93-95	3	AN	Grace Period
96-98	3	AN	Grace Period Cycle

Commercial Mastercard Installment Payments Record Layout

Position	Field Length	Format	Contents
99-116	18	AN	Grace Period Interest Rate
117-136	20	AN	Reference Field 1
137-156	20	AN	Reference Field 2
157-170	14	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Commercial Mastercard Installment Payments Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: This field will contain the record hash total or spaces.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 .
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 4 .
Financing Type Positions: 7-26 Length: 20 Format: alphanumeric special character	Description: This field will contain the financing type.

Commercial Mastercard Installment Payments Edit Criteria

Buyer ID Type Positions: 27 Length: 1 Format: alphanumeric	Description: This field will contain the buyer ID type.
Buyer ID Positions: 28-41 Length: 14 Format: alphanumeric special character	Description: This field will contain the buyer ID.
Buyer Phone Number Positions: 42-52 Length: 11 Format: alphanumeric special character	Description: This field will contain the buyer phone number.
Purchase Identification Positions: 53-72 Length: 20 Format: alphanumeric	Description: This field will contain the purchase identification.
Installment Cycles Positions: 73-74 Length: 2 Format: alphanumeric	Description: This field will contain the installment cycles information.
Interest Rate Positions: 75-92 Length: 18 Format: alphanumeric	Description: This field will contain the interest rate.
Grace Period Positions: 93-95 Length: 3 Format: alphanumeric	Description: This field will contain the grace period information.
Grace Period Cycle Positions: 96-98 Length: 3 Format: alphanumeric	Description: This field will contain the grace period cycle.

Commercial Mastercard Installment Payments Edit Criteria

Grace Period Interest Rate Positions: 99-116 Length: 18 Format: alphanumeric	Description: This field will contain the grace period interest rate.
Reference Field 1 Positions: 117-136 Length: 20 Format: alphanumeric	Description: This field will contain the Mastercard Reference Field 1. Mapping: F104 U2 DSID 65 T06 => DE 112 (pos 111-130)
Reference Field 2 Positions: 137-156 Length: 20 Format: alphanumeric	Description: This field will contain the Mastercard Reference Field 2. Mapping: F104 U2 DSID 65 T06 => DE 112 (pos 131-150)
Reserved Positions: 157-170 Length: 14 Format: alphanumeric	Description: This field will contain spaces.

TC 33.B - CP 57 TCR 5 Consumer Mastercard Installment Payments

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 57 TCR 5 - CONSUMER MASTERCARD INSTALLMENT PAYMENTS.

ITF - Incoming Interchange

Consumer Mastercard Installment Payments Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-13	7	AN	Insurance Amount
14-17	4	AN	Percent Insurance of Total Amount

Consumer Mastercard Installment Payments Record Layout

Position	Field Length	Format	Contents
18-22	5	AN	Percent Amount to Merchant of Total Amount
23-26	4	AN	Monthly Interest Rate
27-33	7	AN	Fee Amount
34-40	7	AN	Total Amount to Merchant
41-47	7	AN	Tax Amount
48-51	4	AN	Percent Fee of Total Amount
52-55	4	AN	Percent Taxes of Total Amount
56-62	7	AN	Other Amount
63-66	4	AN	Percent Other of Total Amount
67-73	7	AN	Percent Total Effective Cost
74-85	12	AN	Total Effective Cost
86-170	85	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Consumer Mastercard Installment Payments Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: This field will contain the record hash total or spaces.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 .

Consumer Mastercard Installment Payments Edit Criteria

Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 5.
Insurance Amount Positions: 7-13 Length: 7 Format: alphanumeric	Description: This field contains the insurance amount. Mapping: F104 U2 DSID 65 T06 => DE 112 SE 16 (pos 35-41).
Percent Insurance of Total Amount Positions: 14-17 Length: 4 Format: alphanumeric	Description: This field contains the Percent Insurance of Total Amount. Mapping: F104 U2 DSID 65 T06 => DE 112 SE 16 (pos 42-45).
Percent Amount to Merchant of Total Amount Positions: 18-22 Length: 5 Format: alphanumeric	Description: This field contains the Percent Amount to Merchant of Total Amount. Mapping: F104 U2 DSID 65 T06 => DE 112 SE 16 (pos 64-67).
Monthly Interest Rate Positions: 23-26 Length: 4 Format: alphanumeric	Description: This field contains the Monthly Interest Rate. Mapping: F104 U2 DSID 65 T06 => DE 112 SE 2 (pos 29-32).
Fee Amount Positions: 27-33 Length: 7 Format: alphanumeric	Description: This field contains the Fee Amount. Mapping: F104 U2 DSID 65 T06 => DE 112 SE 16 (pos 24-30).
Total Amount to Merchant Positions: 34-40 Length: 7 Format: alphanumeric	Description: This field contains the Total Amount to Merchant. Mapping: F104 U2 DSID 65 T06 => DE 112 SE 16 (pos 57-63).
Tax Amount Positions: 41-47 Length: 7 Format: alphanumeric	Description: This field contains the total Tax Amount. Mapping: F104 U2 DSID 65 T06 => DE 112 SE 16 (pos 13-19).

Consumer Mastercard Installment Payments Edit Criteria

Percent Fee of Total Amount Positions: 48-51 Length: 4 Format: alphanumeric	Description: This field contains the Percent Fee of Total Amount. Mapping: F104 U2 DSID 65 T06 => DE 112 SE 16 (pos 31-34).
Percent Taxes of Total Amount Positions: 52-55 Length: 4 Format: alphanumeric	Description: This field contains the Percent Taxes of Total Amount. Mapping: F104 U2 DSID 65 T06 => DE 112 SE 16 (pos 20-23).
Other Amount Positions: 56-62 Length: 7 Format: alphanumeric	Description: This field contains the "Other" Amount. Mapping: F104 U2 DSID 65 T06 => DE 112 SE 16 (pos 46-52).
Percent Other of Total Amount Positions: 63-66 Length: 4 Format: alphanumeric	Description: This field contains the Percent Other of Total Amount. Mapping: F104 U2 DSID 65 T06 => DE 112 SE 16 (pos 53-56).
Percent Total Effective Cost Positions: 67-73 Length: 7 Format: alphanumeric	Description: This field contains the Percent Total Effective Cost Amount. Mapping: F104 U2 DSID 65 T06 => DE 112 SE 16 (pos 68-74).
Total Effective Cost Positions: 74-85 Length: 12 Format: alphanumeric	Description: This field contains the Total Effective Cost Amount. Mapping: F104 U2 DSID 65 T06 => DE 112 SE 16 (pos 1-12).
Reserved Positions: 86-170 Length: 85 Format: alphanumeric	Description: This field contains spaces.

TC 33.B - CP 57 TCR 6 Brazil Country Data - Mastercard BNDES1

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 57 TCR 6 - BRAZIL COUNTRY DATA - MASTERCARD BNDES1.

ITF - Incoming Interchange

Brazil Country Data - MasterCard BNDES1 Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-26	20	AN	Financing Type
27	1	AN	Buyer ID Type
28-41	14	AN	Buyer ID
42-61	20	AN	BNDES Reference Field 1
62-170	109	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Brazil Country Data - MasterCard BNDES1 Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33.
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: This field will contain the record hash total or spaces.

Brazil Country Data - MasterCard BNDES1 Edit Criteria

Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 .
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 6 .
Financing Type Positions: 7-26 Length: 20 Format: alphanumeric	Description: This field will contain the financing type.
Buyer ID Type Positions: 27 Length: 1 Format: alphanumeric	Description: This field will contain the buyer ID type.
Buyer ID Positions: 28-41 Length: 14 Format: alphanumeric	Description: This field will contain the buyer ID with the CNPJ number (Buyer company tax ID).
BNDES Reference Field 1 Positions: 42-61 Length: 20 Format: alphanumeric	Description: This field will contain the CNPJ number (Merchant Brazilian tax ID).
Reserved Positions: 62-170 Length: 109 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.B - CP 57 TCR 7 Debt Repayment Information

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 57 TCR 7 - DEBT REPAYMENT INFORMATION.

Debt Repayment Information Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-41	35	ANS	Debt Repayment Recipient Last Name
42-51	10	ANS	Debt Repayment Recipient Postal Code
52-59	8	AN	Debt Repayment Recipient Date of Birth
60-79	20	AN	Debt Repayment Recipient Account Number
80-170	91	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Debt Repayment Information Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain a 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: This field will contain the Record Hash Total.

Debt Repayment Information Edit Criteria

Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain a 0 .
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain a 7 .
Debt Repayment Recipient Last Name Positions: 7-41 Length: 35 Format: alphanumeric special character	Description: This field will contain the Recipient Last Name. Mapping: F104 U2 DSID 65 T06 => MC DE112 SE 33 SF1
Debt Repayment Recipient Postal Code Positions: 42-51 Length: 10 Format: alphanumeric special character	Description: This field will contain the Recipient Postal Code. Mapping: F104 U2 DSID 65 T06 => MC DE112 SE 33 SF2
Debt Repayment Recipient Date of Birth Positions: 52-59 Length: 8 Format: alphanumeric	Description: This field will contain the Recipient Date of Birth. Mapping: F104 U2 DSID 65 T06 => MC DE112 SE 33 SF3
Debt Repayment Recipient Account Number Positions: 60-79 Length: 20 Format: alphanumeric	Description: This field will contain the Recipient Account Number. Mapping: F104 U2 DSID 65 T06 => MC DE112 SE 33 SF4
Reserved Positions: 80-170 Length: 91 Format: alphanumeric	Description: This field will contain spaces.

TC 33.B - CP 59 TCR 0 Push Payment Default

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 59 TCR 0 - PUSH PAYMENT - DEFAULT.

Push Payment - Default Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-12	6	UN	Destination Identifier
13-18	6	UN	Source Identifier
19-22	4	AN	File Identifier - Merchant Capture Data
23-37	15	AN	Message Identifier
38-170	133	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Push Payment - Default Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: This field contains the record hash totals.

Push Payment - Default Edit Criteria

Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field contains the value 0 .
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field contains the value 0 .
Destination Identifier Positions: 7-12 Length: 6 Format: unpacked numeric	Description: The entity to which the BASE II transaction message is sent. This field will contain a valid acquiring or issuing identifier.
Source Identifier Positions: 13-18 Length: 6 Format: unpacked numeric	Description: This field contains the Visa internal identifier of the VIC.
File Identifier - Merchant Capture Data Positions: 19-22 Length: 4 Format: alphanumeric	Description: This TCR group code identifies a group of related Transaction Component Records (TCR 0 through TCR E). This field has a static value of CP59 .
Message Identifier Positions: 23-37 Length: 15 Format: alphanumeric	Description: A unique message identifier that links a specific capture record among multiple capture records being submitted for a single transaction. All capture records within the same file linked to a single authorization request contain the same message identifier. The same message identifier can be assigned to other related capture records located in additional TCR groups identified by TC 33 application codes (CP 51 through CP 90).
Reserved Positions: 38-170 Length: 133 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.B - CP 59 TCR 1 Push Payment - Original Credit Transaction

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 59 TCR 1 - PUSH PAYMENT - ORIGINAL CREDIT TRANSACTION.

Push Payment - Original Credit Transaction Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-8	2	AN	Business Format Code
9-38	30	ANS	Money Transfer Recipient Name
39-40	2	AN	Source of Funds
41-60	20	AN	Claims Code
61-80	20	AN	Tax Document Type
81-170	90	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Push Payment - Original Credit Transaction Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: This field contains the record hash totals.

Push Payment - Original Credit Transaction Edit Criteria

Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field contains the value 0 .
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field contains the value 1 .
Business Format Code Positions: 7-8 Length: 2 Format: alphanumeric	Description: This field will contain OC (Original Credit).
Money Transfer Recipient Positions: 9-38 Length: 30 Format: alphanumeric special character	Description: This field contains the money transfer recipient name.
Source of Funds Positions: 39-40 Length: 2 Format: alphanumeric	Description: This field should contain one of these values: 1 = Cash 2 = Check 3 = Card 4 = Cash and Check

Push Payment - Original Credit Transaction Edit Criteria

Claims Code Positions: 41-60 Length: 20 Format: alphanumeric	Description: This field contains the claims code.				
Tax Document Type Positions: 61-80 Length: 20 Format: alphanumeric	Description: This field will contain the Tax Document Type in OCT transactions in Latin America.				
	Values:				
	Country	Tax Identifier	Description	Field	Comments
	Argentina	CUIT	Codigo Unico de Identificacion Tributaria	Tag 05-Merchant VAT Registration/Single Business Reference Number	Business tax identification
		CUIT	Codigo Unico de Identificacion Tributaria	Tag 06-Customer VAT Registration Number	Individual tax identification
	Brazil	CNPJ	Cadastro Nacional de Pessoas Juridicas	Tag 05-Merchant VAT Registration/Single Business Reference Number	Business tax identification
		CPF	Cadastro de Pessoas Fisicas	Tag 06-Customer VAT Registration Number	Individual tax identification
	Chile	RUT	Rol Unico Tributario	Tag 05-Merchant VAT Registration/Single Business Reference Number	Business tax identification
		RUT	Rol Unico Tributario	Tag 06-Customer VAT Registration Number	Individual tax identification
	Colombia	NIT	Numero do Identificacion Tributaria	Tag 05-Merchant VAT Registration/Single Business Reference Number	Business tax identification
		CC, CE, or PASS	Cedula de Ciudadania	Tag 06-Customer VAT Registration Number	Individual tax identification

Push Payment - Original Credit Transaction Edit Criteria

Tax Document Type (continued) Positions: 61-80 Length: 20 Format: alphanumeric	Description: This field will contain the Tax Document Type in OCT transactions in Latin America. Values: <table><tr><th>Country</th><th>Tax Identifier</th><th>Description</th><th>Field</th><th>Comments</th></tr><tr><td rowspan="2">Peru</td><td>RUC</td><td>Registro Unico de Contribuyentes</td><td>Tag 05-Merchant VAT Registration/Single Business Reference Number</td><td>Business tax identification</td></tr><tr><td>DNI</td><td>Documento Nacional de Identidad</td><td>Tag 06-Customer VAT Registration Number</td><td>Individual tax identification</td></tr></table>	Country	Tax Identifier	Description	Field	Comments	Peru	RUC	Registro Unico de Contribuyentes	Tag 05-Merchant VAT Registration/Single Business Reference Number	Business tax identification	DNI	Documento Nacional de Identidad	Tag 06-Customer VAT Registration Number	Individual tax identification
Country	Tax Identifier	Description	Field	Comments											
Peru	RUC	Registro Unico de Contribuyentes	Tag 05-Merchant VAT Registration/Single Business Reference Number	Business tax identification											
	DNI	Documento Nacional de Identidad	Tag 06-Customer VAT Registration Number	Individual tax identification											
Reserved Positions: 81-170 Length: 90 Format: alphanumeric	Description: This field is space-filled.														

TC 33.B - CP 59 TCR 2 Push Payment - Original Credit Transaction

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for CP 59 TCR 2 - PUSH PAYMENT - ORIGINAL CREDIT TRANSACTION.

Push Payment - Original Credit Transaction Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number

Push Payment - Original Credit Transaction Record Layout

Position	Field Length	Format	Contents
7-22	16	AN	Sender Reference Number
23-56	34	AN	Sender Account Number
57-86	30	AN	Sender Name
87-121	35	AN	Sender Address
122-146	25	AN	Sender City
147-148	2	AN	Sender State/Province
149-151	3	AN	Sender Country
152-170	19	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Push Payment - Original Credit Transaction Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field contains the value 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: This field contains the record hash totals.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field contains the value 0 .
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field contains the value 2 .

Push Payment - Original Credit Transaction Edit Criteria

Sender Reference Number Positions: 7-22 Length: 16 Format: alphanumeric	Description: This field contains the sender's reference number.
Sender Account Number Positions: 23-56 Length: 34 Format: alphanumeric special character	Description: This field contains the sender's account number.
Sender Name Positions: 57-86 Length: 30 Format: alphanumeric	Description: This field contains the sender's name.
Sender Address Positions: 87-121 Length: 35 Format: alphanumeric	Description: This field contains the sender's address.
Sender City Positions: 122-146 Length: 25 Format: alphanumeric	Description: This field contains the sender's city.
Sender State/Province Positions: 147-148 Length: 2 Format: alphanumeric	Description: This field contains the sender's state/province code.
Sender Country Positions: 149-151 Length: 3 Format: alphanumeric	Description: This field contains the sender's country.
Reserved Positions: 152-170 Length: 19 Format: alphanumeric	Description: This field is reserved; space-filled.

TC 33.B - TCR 0 Acknowledgment File Data

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for TCR 0 - ACKNOWLEDGMENT FILE DATA RECORD LAYOUT.

Acknowledgment File Data Record Layout Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-12	6	UN	Destination Identifier
13-18	6	UN	Source Identifier
19-25	7	AN	Application Code
26-34	9	UN	Number of Error Transactions
35-46	12	UN	Total Error Transactions Amount
47-54	8	UN	Capture Creation Date
55-58	4	AN	Capture File Number
59-62	4	AN	File Status Response Code
63-66	4	AN	Record Status Response Code
67-72	6	UN	Authorization Acquiring Identifier
73-80	8	ANS	Terminal ID
81-95	15	ANS	Card Acceptor ID
96-120	25	AN	Purchase Identifier
121-135	15	AN	Transaction ID
136-170	35	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Acknowledgment File Data Record Layout Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted. The field must contain spaces for computers that do not generate hash totals.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 0 (zero).
Destination Identifier Positions: 7-12 Length: 6 Format: unpacked numeric	Description: This field will contain the MDEX identifier.
Source Identifier Positions: 13-18 Length: 6 Format: unpacked numeric	Description: This field will contain the Visa internal identifier of the VIC.
Application Code Positions: 19-25 Length: 7 Format: alphanumeric	Description: This field will contain the value of MERCACK .
Number of Error Transactions Positions: 26-34 Length: 9 Format: unpacked numeric	Description: This field will contain the number of error transactions sent to Visa in the corresponding capture file.

Acknowledgment File Data Record Layout Edit Criteria

Total Error Transactions Amount Positions: 35-46 Length: 12 Format: unpacked numeric	Description: This field will contain the total transaction amount for all transactions with errors in the corresponding capture file.
Capture Creation Date Positions: 47-54 Length: 8 Format: unpacked numeric	Description: This field will contain the date that the corresponding capture file was sent to Visa in the following format: mmddyyyy . This field may be used to match the acknowledgment file with a corresponding capture file.
Capture File Number Positions: 55-58 Length: 4 Format: alphanumeric	Description: This field will contain a file number as submitted by the MDEX identifier, and may be used to match the acknowledgment file with a corresponding capture file.
File Status Response Code Positions: 59-62 Length: 4 Format: alphanumeric	Description: This field will contain the file-level response code. REFERENCE For valid values, refer to Table F.AB.
Record Status Response Code Positions: 63-66 Length: 4 Format: alphanumeric	Description: This field will contain the record-level response code. This field will be populated when there is a record-level error. REFERENCE For valid values, refer to Table F.AC.
Authorization Acquiring Identifier Positions: 67-72 Length: 6 Format: unpacked numeric	Description: This field will contain the acquiring identifier used in the authorization.
Terminal ID Positions: 73-80 Length: 8 Format: alphanumeric special character	Description: When a record-level error is present or a transaction, this field will contain a value that identifies the merchant's terminal where the transaction was acquired.
Card Acceptor ID Positions: 81-95 Length: 15 Format: alphanumeric special character	Description: When a record-level error for a transaction is present, this field will contain the card acceptor identifier for the transaction.

Acknowledgment File Data Record Layout Edit Criteria

Purchase Identifier Positions: 96-120 Length: 25 Format: alphanumeric	Description: When a record-level error is present or a transaction, this field will contain the purchase identifier for the transaction.
Transaction ID Positions: 121-135 Length: 15 Format: alphanumeric	Description: When a record-level error is present or a transaction, this field will contain the transaction identifier for the transaction when available.
Reserved Positions: 136-170 Length: 35 Format: alphanumeric	Description: This field will contain all spaces .

TC 33.B - TCR 1 Acknowledgment File Data (Cont'd)

These tables contain the Multipurpose Message (TC 33.B) record layout and edit criteria for TCR 1 - ACKNOWLEDGMENT FILE DATA RECORD LAYOUT (CONT'D).

Acknowledgment File Data Record Layout (Cont'd) Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	AN	Transaction Component Sequence Number
7-32	26	AN	Transaction ID
33-132	100	ANS	Miscellaneous Message
133-170	38	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Acknowledgment File Data Record Layout (Cont'd) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain the value of 33 .
Record Hash Total Positions: 3-4 Length: 2 Format: binary	Description: Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted. The field must contain spaces for computers that do not generate hash totals.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain the value of 0 (zero).
Transaction Component Sequence Number Positions: 6 Length: 1 Format: alphanumeric	Description: This field will contain the value of 1 .
Transaction ID Positions: 7-32 Length: 26 Format: alphanumeric	Description: This field will contain the transaction ID value.
Miscellaneous Message Positions: 33-132 Length: 100 Format: alphanumeric special character	Description: This field will contain an additional message or description for the transaction. Example: Cannot process message due to bad merchant address and missing acquiring identifier.
Reserved Positions: 133-170 Length: 38 Format: alphanumeric	Description: This field will contain all spaces .

Chapter 13

38 VCRFS/VDAS Message Transactions (Visa Use Only)

TC 38 VCRFS/VDAS Message Transactions (Visa Use Only)

TCR 0-3: VCRFS

TCR 0-3, 5: VDAS

CTF - Outgoing and Incoming Interchange



TC 38 VDAS (for legacy chargebacks & representments), TC 38 VCRFS transactions (RFC advices), TC 38 Non-Fulfillments are exchanged between RSI and VROL.

VisaNet Copy Request and Fulfillment Service (VCRFS) Messages

This Visa service provides members with an automated system for processing copy requests and fulfillments. Copy requests and fulfillments are sent and received through Visa Resolve Online. Fulfillments are electronically delivered to members through VisaNet.

BASE II processes requests (TC 52) and responses (TC 38, 39) as part of its normal interchange clearing and settlement cycle. Refer to the section on TC 52, and TC 39 for edit criteria for those records.

The TC 38 is used to convey these responses for copy request transactions:

- Nonfulfillment messages
- Pick list messages

BASE II delivers TC 38 messages to Visa Resolve Online. Messages are not intended to be delivered to a host system.

A VCRFS advice (Transaction Type A) is a message generated by BASE II to advise VROL users of each automated request for copy transaction collected from the issuer's VAP during the current BASE II cycle.

A nonfulfillment message (Transaction Type N) is used by an acquirer to notify an issuer that the requested copy will not be sent. A merchant participating in VCRFS can use this message to notify the acquirer that the requested item is not available. Specific reason codes are defined to explain the reasons for not providing the requested item. An issuer participating in VCRFS receives nonfulfillment messages through VROL.

A pick list message (Transaction Type P) is used by an acquirer to notify the merchant or the remote paper storage location of a Visa or non-Visa request for original/copy item.

VisaNet Documentation Automation Service (VDAS) Messages

The VisaNet Documentation Automation Service (VDAS) uses the TC 38 chargeback or representment advice (transaction type C or R respectively), which is generated by VisaNet applications. The transaction is described for documentation purposes only and should not be created by the host system. This transaction is created by BASE II upon successful edits of a chargeback/representment transaction eligible for VDAS. BASE II delivers it to VROL.

Valid TCRs for VCRFS/VDAS TC 38 Transactions - Visa Use Only

Transaction Type	Valid TCRs						Comments
	TCR 0	TCR 1	TCR 2	TCR 3	TCR 5	TCR 6-7	
Nonfulfillment	x	x					Data Type = F Transaction Type = N Message Transaction No. = 1 End Flag = G ¹ End Flag = F
Optional Text Message	x	x	x	x	x	x	(Applicable to nonfulfillment transactions) Data Type Flag = T Transaction Type = N Message Transaction No. = 2 Last TCR Data Length = number of characters in the last TCR of the text message ² End Flag = space ³
VCRFS Advice	x	x	x				Transaction Type = A ⁴
Pick List	x	x	x				Transaction Type = A ⁵
VDAS Advice	v	x	x	x	x		Note: Up to TCR 5 only Transaction Type = C or R ⁵

¹If text message follows

²This field must not contain a **0** (zero) when End Flag is an F

³If more than 7 TCRs are needed and last TCR data length should be **0** (zero)

⁴Generated by Visa; does not go to VAP endpoints

⁵Generated by Visa; goes to merchant endpoints or acquirer's remote sites

TC 38 - TCR 0 VCRFS/VDAS Message Transactions

These tables contain the VCRFS/VDAS Message (TC 38) record layout and edit criteria for TCR 0 - VCRFS/VDAS MESSAGE TRANSACTIONS.

CTF - Outgoing and Incoming Interchange

VCRFS/VDAS Message Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17	1	AN	End Flag
18-20	3	UN	Last TCR Data Length
21-32	12	UN	Retrieval Request ID
33	1	AN	Data Type Flag
34	1	AN	Transaction Type
35	1	AN	Source Routing Flag
36	1	AN	Destination Routing Flag
37	1	AN	Error Return Flag
38	1	UN	Settlement Flag
39-43	5	UN	Message Transaction Number
44-57	14	AN	Reserved
58-61	4	AN	Reserved
62-84	23	AN	Acquirer Reference Number
85-100	16	UN	Account Number
101-103	3	UN	Account Number Extension
104-118	15	UN	Transaction Identifier

VCRFS/VDAS Message Record Layout

Position	Field Length	Format	Contents
119	1	AN	Excluded Transaction ID Reason
120	1	AN	CRS Processing Code
121-122	2	UN	Multiple Clearing Sequence Number
123-140	18	AN	Reserved
141-151	11	UN	Issuer Financial Identifier
152-162	11	UN	Acquirer Financial Identifier
163	1	AN	Secondary Advice Type
164-167	4	UN	Central Processing Date (YDDD)
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

VCRFS/VDAS Message Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain 38 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero).

VCRFS/VDAS Message Edit Criteria

Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which this BASE II transaction message is sent. This field will contain a valid acquiring or issuing identifier. It must be either a Visa internal identifier or an issuing or acquiring identifier belonging to an automated Service participant. Note: For valid nonfulfillments destined to a fax issuer endpoint, the VIC overrides the destination identifier and sends it to the reporting identifier of the account number
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which this BASE II transaction message was sent. This field must contain a valid acquiring or issuing identifier. It must be either a Visa internal identifier or an acquiring or issuing identifier belonging to an automated Service participant.
End Flag Positions: 17 Length: 1 Format: alphanumeric	Description: Flag designating if there are more TCs that follow this message or if this is the end of a page or group of transactions. VIC Edit: The field must contain a P, G, F, or space . The End Flags are: Space = Indicates there are more TCs to follow for this message P = Indicates the end of a page of unformatted text data within a group G = Indicates the end of the last page in a group of transactions within the message. Another group of transactions follows F = Indicates the end of the last group of transactions in the message
Last TCR Data Length Positions: 18-20 Length: 3 Format: unpacked numeric	Description: Data length of the last Transaction Component Record (TCR) of the transaction. For text data transactions, this field contains the number of characters of data in the last TCR of the transaction. VIC Edit: This field must be numeric. If the Data Type is T and the End Flag is not a space, this field must be greater than 0 (zero). This field may contain zeros.
Retrieval Request ID Positions: 21-32 Length: 12 Format: unpacked numeric	Description: Numeric identifier of an Issuer's request for a Transaction Receipt, which could include the original, a paper copy or facsimile, or an electronic version thereof. VIC Edit: This field must be numeric. In the following cases, this field must contain a properly formatted Retrieval Request ID: Transaction Type A Transaction Type C Transaction Type R This field may contain zeros.
Data Type Flag Positions: 33 Length: 1 Format: alphanumeric	Description: Flag identifying the type of data in the TCR. Flags are: F = Transaction contains formatted data T = Transaction contains unformatted data VIC Edit: The field must contain an F or T .

VCRFS/VDAS Message Edit Criteria

Transaction Type Positions: 34 Length: 1 Format: alphanumeric	Description: The type of transaction contained in this TCR. Types are: The Transaction Types are: A = VCRFS advice N = Non-fulfilment D = Dispute P = Pick list C = Chargeback advice R = Representment advice VIC Edit: The field must contain an A, N, D, P, C, or R .
Source Routing Flag Positions: 35 Length: 1 Format: alphanumeric	Description: Flag identifying the source of the transaction. Flags are: I = Transaction from issuer. This is for dispute requests. A = Transaction from acquirer. This is used to send nonfulfillments to issuers. S = Transaction from secondary acquirer. This is used to send secondary acquirer fulfillments and nonfulfillments to issuers and acquirers. M = Transaction from merchant. This is used to send merchant fulfillments and nonfulfillments to issuers and acquirers. V = Transaction from Visa. This is used for VCRFS or VDAS advices. VIC Edit: The field must contain an I, A, S, M, or V . It must be a valid code for the Transaction Type. For Transaction Type A, it must be I or V . For Transaction Type P, it must be A . For Transaction Type C or R, it must be I or A or V .
Destination Routing Flag Positions: 36 Length: 1 Format: alphanumeric	Description: Flag designating to whom the transaction is being sent: acquirer, issuer, merchant, secondary acquirer or Visa. Flags are: A = Transaction destined to acquirer. This is used for VCRFS advices and nonfulfillments from merchants. It is also used for VDAS advices. I = Transaction destined to issuer. This is for VCRFS advices and nonfulfillments. It is also used for VDAS advices. V = Transaction to Visa. This is used for dispute requests. VIC Edit: The field must contain an I, A, M, or V . It must be a valid code for the Transaction Type: For Transaction Type A, it must be I or A . For Transaction Type P, it must be A, S, or M . For Transaction Type C or R, it must be I or A .
Error Return Flag Positions: 37 Length: 1 Format: alphanumeric	Description: This field is reserved for future use.

VCRFS/VDAS Message Edit Criteria

Settlement Flag Positions: 38 Length: 1 Format: unpacked numeric	Description: Reserved for future use. If this field is used, it should contain the Settlement Flag from the original request for copy or VCRFS advice.
Message Transaction Number Positions: 39-43 Length: 5 Format: unpacked numeric	Description: Indicates the sequence number of the transaction within a message made up of multiple transactions. VIC Edit: The field must be numeric and greater than 0 (zero).
Reserved Positions: 44-57 Length: 14 Format: alphanumeric	Description: This field is reserved for future use.
Reserved Positions: 58-61 Length: 4 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Acquirer Reference Number Positions: 62-84 Length: 23 Format: alphanumeric	Description: Identification number assigned by the acquirer. For nonfulfillment sent to an issuer, this field must contain the acquirer reference number from the request for copy or VCRFS advice. VIC Edit: The Format Code in position 62 must contain either a 2 or a 7 .
Account Number Positions: 85-100 Length: 16 Format: unpacked numeric	Description: Primary cardholder account number. When required, this field must contain the account number that appears on the request for copy or VCRFS advice. For dispute requests from Swedish issuers, the Product ID associated with the account number must be a Visa Product ID (Product IDs F, G, G3, K, K1, L, P, S, S1, S2, S3). VIC Edit: The field must be numeric. For nonfulfillments with Destination Routing Flag of I , this field must contain a valid number.
Account Number Extension Positions: 101-103 Length: 3 Format: unpacked numeric	Description: Used for Account Numbers greater than 16 digits. VIC Edit: The field must contain zeros if Account Number is 16 digits or fewer.

VCRFS/VDAS Message Edit Criteria

Transaction Identifier Positions: 104-118 Length: 15 Format: unpacked numeric	Description: A unique value that Visa assigns to each transaction and returns to the acquirer in the authorization response. Visa uses this value to maintain an audit trail throughout the life cycle of the transaction and all related transactions, such as reversals, adjustments, confirmations, and chargebacks. VIC Edit, National-U.S.: If the Format Code subfield in the Acquirer Reference Number is 2 , this field may not be zeros.
Excluded Transaction Identifier Reason Positions: 119 Length: 1 Format: alphanumeric	Description: This field contains a code indicating that a transaction identifier is not included in the transaction. Use of this field ensures that certain transactions that do not have a transaction identifier can be processed successfully through the VisaNet systems. This field contains the value from the TC 05 for VDAS and from the TC 52 for VCRFS.
CRS Processing Code Positions: 120 Length: 1 Format: alphanumeric	Description: Code will be set by BASE II when an exception item has been validated by the Chargeback Reduction Service. A transaction not qualified for CRS validation will contain a space. Codes are: Y = Validated Spaces = Not validated
Multiple Clearing Sequence Number Positions: 121-122 Length: 2 Format: unpacked numeric	Description: A sequence number that distinguishes a specific clearing message among multiple clearing messages being submitted for a single CPS authorization. All BASE II clearing messages linked to a single authorization request must contain a unique clearing sequence number from at least 1 to the total number of clearing records for the authorization. The entry must be numeric. Note: Outgoing: Edit Package will move zeros to this field when the submitted value is not numeric. Note: VIC Edit: BASE II will move zeros to this field when a non-numeric value is submitted.
Reserved Positions: 123-140 Length: 18 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Issuer Financial Identifier Positions: 141-151 Length: 11 Format: unpacked numeric	Description: Issuer's Visa-assigned identification number. Must be a valid financial identifier. If zeros, it will be filled by BASE II with the default financial identifier on the CONFIG.

VCRFS/VDAS Message Edit Criteria

Acquirer Financial Identifier Positions: 152-162 Length: 11 Format: unpacked numeric	Description: Acquirer's Visa-assigned identification number, usually six digits. Must be a valid financial identifier. If zeros, it will be filled by BASE II with the default financial identifier on the CONFIG.
Secondary Advice Type Positions: 163 Length: 1 Format: alphanumeric	Description: Indicates types of secondary advice being created. Types are: F = Fulfillment N = Nonfulfillment The field must contain F , N , or space . This field is populated by Visa (Source Routing Flag V) when Visa is creating an advice of fulfillment or nonfulfillment.
Central Processing Date Positions: 164-167 Length: 4 Format: unpacked numeric	Description: The date (based on Greenwich Mean Time) when this TC 38 was processed. The field must contain a valid date in YDDD format. VIC Edit: The field must contain the date when this TC 38 advice was processed.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

TC 38 - TCR 1 Nonfulfillment

These tables contain the VCRFS/VDAS Message (TC 38) record layout and edit criteria for TCR 1 - NONFULFILLMENT.

CTF - Outgoing and Incoming Interchange

VCRFS Nonfulfillment Message Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-16	12	AN	Reserved
17-18	2	UN	Nonfulfillment Reason Code
19-30	12	UN	Transaction Amount

VCRFS Nonfulfillment Message Record Layout

Position	Field Length	Format	Contents
31-33	3	AN	Transaction Currency Code
34-35	2	UN	Retrieval Request Reason Code
36-39	4	UN	Purchase Date (MMDD)
40-48	9	UN	Issuer Control Number
49-52	4	UN	Network Identification Code
53-168	116	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

VCRFS Nonfulfillment Message Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain 38 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain 1 .
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Nonfulfillment Reason Code Positions: 17-18 Length: 2 Format: unpacked numeric	Description: Code indicating the reason why copy request not fulfilled: no draft available, invalid reference number, acquirer will not fulfill, etc. Note: See Nonfulfillment Reason Codes-Copy Request and Fulfillment Service in <i>BASE II Clearing Data Codes</i> for valid reason codes.

VCRFS Nonfulfillment Message Edit Criteria

Transaction Amount Positions: 19-30 Length: 12 Format: unpacked numeric	Description: The numerical amount of the transaction. VIC Edit: This field must contain a numeric entry and may be zeros. Two decimals are implied. Note: If the request for copy or the VCRFS advice provides the Transaction Amount, it should be retained and returned in nonfulfillments sent to the issuer.
Transaction Currency Code Positions: 31-33 Length: 3 Format: alphanumeric	Description: Code designating the type of currency used in the transaction. VIC Edit: This field must contain spaces or a valid numeric currency code. Note: If the request for copy or the VCRFS advice provides the Currency Code, it should be retained and returned in nonfulfillments sent to the issuer. See Country and Currency Codes in <i>BASE II Clearing Data Codes</i> for currency codes.
Retrieval Request Reason Code Positions: 34-35 Length: 2 Format: unpacked numeric	Description: Code designating the reason for the retrieval request. VIC Edit: The field must contain a numeric entry. Note: The Reason Code from the VCRFS or advice should be retained and returned in nonfulfillments sent to the issuer.
Purchase Date Positions: 36-39 Length: 4 Format: unpacked numeric	Description: Date the purchase was made. VIC Edit: The field must contain a numeric entry. The field must contain zeros or a valid date in MMDD format. Note: If the request for copy or the VCRFS advice provides the purchase date, it should be retained in the nonfulfillments and returned to the issuer.
Issuer Control Number Positions: 40-48 Length: 9 Format: unpacked numeric	Description: A 9-digit number optionally assigned by issuers to manage copy requests. VIC Edit: The field must contain a numeric entry. Note: If the request for copy or the VCRFS advice provides the Issuer Control Number, it should be retained in the nonfulfillments and returned to the issuer.
Network Identification Code Positions: 49-52 Length: 4 Format: unpacked numeric	Description: The transaction network. The entry must be numeric and may be zeros. Values: 0002 = Visa (the default if the network is not included) 0003 = Interlink 0004 = Plus
Reserved Positions: 53-168 Length: 116 Format: alphanumeric	Description: This field is reserved for future use.

TC 38 - TCR 1 VCRFS Nonfulfillment Text Message

These tables contain the VCRFS/VDAS Message (TC 38) record layout and edit criteria for TCR 1 - 7 VCRFS NONFULFILLMENT TEXT MESSAGE.

CTF - Outgoing and Incoming Interchange

VCRFS Nonfulfillment Text Message Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-168	152	AN	Text

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

VCRFS Nonfulfillment Text Message Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain 38 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain 1, 2, 3, 4, 5, 6, or 7 .

VCRFS Nonfulfillment Text Message Edit Criteria

Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which this BASE II transaction message is sent. Note: For valid nonfulfillments destined to a fax issuer endpoint, the VIC overrides the destination identifier and sends it to the reporting identifier of the account number.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: Visa-assigned identification number of the source of the transaction. This field must contain a valid acquiring or issuing identifier. It must be either a Visa internal identifier or an acquiring or issuing identifier belonging to an automated Service participant.
Text Positions: 17-168 Length: 152 Format: alphanumeric	Description: Text providing information regarding the nonfulfillment.

TC 38 - TCR 1 VCRFS/VDAS Advice

These tables contain the VCRFS/VDAS Message (TC 38) record layout and edit criteria for TCR 1 - VCRFS/VDAS ADVICE.

CTF - Outgoing and Incoming Interchange

VCRFS/VDAS Advice Message Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-16	12	AN	Reserved
17-24	8	AN	Reserved
25-28	4	UN	Purchase Date (MMDD)
29-40	12	UN	Transaction Amount
41-43	3	AN	Transaction Currency Code
44-68	25	AN	Merchant Name
69-81	13	AN	Merchant City

VCRFS/VDAS Advice Message Record Layout

Position	Field Length	Format	Contents
82-84	3	AN	Merchant Country Code
85-88	4	UN	Merchant Category Code
89-93	5	UN	U.S. Merchant ZIP Code
94-96	3	AN	Merchant State/Province Code
97-105	9	UN	Issuer Control Number
106-107	2	UN	Reason Code
108	1	AN	Request Type
109-120	12	UN	Authorized Amount
121-123	3	AN	Authorization Currency Code
124-125	2	AN	Authorization Response Code
126	1	AN	Market-Specific Authorization Data Indicator
127-138	12	UN	Total Authorized Amount
139-154	16	UN	PAN Token
155-157	3	UN	PAN Extension
158-168	11	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

VCRFS/VDAS Advice Message Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain 38 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.

VCRFS/VDAS Advice Message Edit Criteria

Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 1.
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Reserved Positions: 17-24 Length: 8 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Purchase Date Positions: 25-28 Length: 4 Format: unpacked numeric	Description: Date the purchase was made. VIC Edit: The field must contain a numeric entry which is either zeros or a valid date in MMDD format. Note: On a VCRFS/VDAS advice, the field contains the Purchase Date.
Transaction Amount Positions: 29-40 Length: 12 Format: unpacked numeric	Description: The numerical amount of the transaction. VIC Edit: The field must contain a numeric entry which may be zeros. Two decimals are implied. Note: On a VCRFS advice, the field contains the Transaction Amount. On a VDAS advice, the field contains the source amount from the draft data transaction.
Transaction Currency Code Positions: 41-43 Length: 3 Format: alphanumeric	Description: Code designating the type of currency used in the transaction. VIC Edit: On a VCRFS/VDAS advice, this field contains the Transaction Currency Code. If the Transaction Currency Code was not on the request for copy, this field will be spaces. Note: See Country and Currency Codes in <i>BASE II Clearing Data Codes</i> for currency codes.
Merchant Name Positions: 44-68 Length: 25 Format: alphanumeric	Description: Name of merchant that generated the transaction. VIC Edit: On a VCRFS/VDAS advice, this field contains the Merchant Name.
Merchant City Positions: 69-81 Length: 13 Format: alphanumeric	Description: City the merchant is located in. VIC Edit: On a VCRFS/VDAS advice, this field contains the Merchant City.

VCRFS/VDAS Advice Message Edit Criteria

Merchant Country Code Positions: 82-84 Length: 3 Format: alphanumeric	Description: Code designating the country the merchant is located in. VIC Edit: On a VCRFS/VDAS advice, this field contains the Merchant Country Code. For Visa transactions, the Country Codes are two left-justified alphabetic characters. Note: See Country and Currency Codes in <i>BASE II Clearing Data Codes</i> for country codes.
Merchant Category Code Positions: 85-88 Length: 4 Format: unpacked numeric	Description: Code designating the principal trade, profession, or line of business in which the merchant is engaged. VIC Edit: The field must contain a numeric entry. Note: On a VCRFS/VDAS advice, this field contains the Merchant Category Code. See <i>Visa Core Rules and Visa Product and Service Rules</i> document for more information on category codes.
U.S. Merchant ZIP Code Positions: 89-93 Length: 5 Format: unpacked numeric	Description: Merchant's postal code. VIC Edit: The field must contain a numeric entry. Note: On a VCRFS/VDAS advice, this field contains the Merchant ZIP Code.
Merchant State/Province Code Positions: 94-96 Length: 3 Format: alphanumeric	Description: Code designating merchant's state or province code. VIC Edit: On a VCRFS/VDAS advice, this field contains the Merchant State or Province Code.
Issuer Control Number Positions: 97-105 Length: 9 Format: unpacked numeric	Description: A 9-digit number optionally assigned by issuers to manage copy requests. When no control number is present, but a fax number is, this subfield must be space-filled. VIC Edit: The field must contain a numeric entry. Note: On a VCRFS/VDAS advice, this field contains the Issuer Control Number. This field may contain zeros (this is a VCRFS field).
Reason Code Positions: 106-107 Length: 2 Format: unpacked numeric	Description: Code indicating the reason for this advice. VIC Edit: The field must contain a numeric entry. On a VCRFS/VDAS advice, this field contains the Reason Code.
Request Type Positions: 108 Length: 1 Format: alphanumeric	Description: Code designating whether the request is for a copy or an original. VIC Edit: The field must contain a C , an R , or a space . On VCRFS/VDAS advices, it contains a C . C = Request for copy

VCRFS/VDAS Advice Message Edit Criteria

Authorized Amount Positions: 109-120 Length: 12 Format: unpacked numeric	Description: Amount the issuer originally authorized. The Authorized Amount from TCR 5 of the chargeback or representment. Two decimals are implied.
Authorization Currency Code Positions: 121-123 Length: 3 Format: alphanumeric	Description: Currency code of the authorized source amount. The Authorization Currency Code from TCR 5 of the chargeback or representment.
Authorization Response Code Positions: 124-125 Length: 2 Format: alphanumeric	Description: The authorization code provided by the issuer when a transaction is approved or a "no reason to decline" code is provided. The Authorization Response Code from TCR 5 of the chargeback or representment.
Market-Specific Authorization Data Indicator Positions: 126 Length: 1 Format: alphanumeric	Description: Code indicating if the industry for which market-specific data has been provided. The Market-Specific Authorization Data Indicator from TCR 5 of the chargeback or representment.
Total Authorized Amount Positions: 127-138 Length: 12 Format: unpacked numeric	Description: The total amount of the transaction including all taxes and miscellaneous fees. The Total Authorized Amount from TCR 5 of the chargeback or representment. Two decimals are implied.
PAN Token Positions: 139-154 Length: 16 Format: unpacked numeric	Description: A value that replaces the PAN at the time of authorization and clearing for merchants/acquirers.
PAN Extension Positions: 155-157 Length: 3 Format: unpacked numeric	Description: The field must contain zeros.
Reserved Positions: 158-168 Length: 11 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 38 - TCR 2 VCRFS Advice

These tables contain the VCRFS/VDAS Message (TC 38) record layout and edit criteria for TCR 2 - VCRFS ADVICE.

CTF - Outgoing and Incoming Interchange

VCRFS Advice Message Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-16	12	AN	Reserved
17	1	AN	Requested Fulfillment Method
18	1	AN	Established Fulfillment Method
19-29	11	UN	Issuer RFC Routing ID
30-31	2	AN	Reserved
32-47	16	AN	Issuer FAX Number
48	1	AN	Routing Tier Code
49-57	9	UN	Routing Transit Number (ABA Number)
58-76	19	AN	Customer Account Number
77-91	15	AN	Check Serial Number
92-95	4	UN	Network Identification Code
96-168	73	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

VCRFS Advice Message Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain 38 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edit option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 2 .
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Requested Fulfillment Method Positions: 17 Length: 1 Format: alphanumeric	Description: Code designating whether a manual or automated fulfillment is being requested. VIC Edit: On VCRFS advices, this field indicates whether the issuer requested a manual or an automated fulfillment. 0 = Manual fulfillment requested by issuer 1 = Automated fulfillment requested by issuer
Established Fulfillment Method Positions: 18 Length: 1 Format: alphanumeric	Description: Code designating whether the fulfillment method must be fulfilled manually or through the automated service. VIC Edit: On VCRFS advices, this field indicates the fulfillment method that the acquirer should use as determined by the VIC (based on the method requested by the issuer, the Request Reason Code, and whether the acquirer is an automated service participant). 0 = The request must be fulfilled manually. If a fax number is included in this TCR, the copy should be sent by fax to that number; otherwise, it should be sent by mail. 1 = Automated fulfillment should be sent through the VisaNet network.

VCRFS Advice Message Edit Criteria

Issuer RFC Routing ID Positions: 19-29 Length: 11 Format: unpacked numeric	Description: Identifier that identifies the issuer workstation the data is sent to. VIC Edit: This field must be a valid workstation identifier. Note: This identifier must be used as the Destination identifier in any automated fulfillments or nonfulfillments sent to the issuer.
Reserved Positions: 30-31 Length: 2 Format: alphanumeric	Description: Secondary address of the destination of the chargeback or representment. VIC Edit: This field must be zero-filled.
Issuer FAX Number Positions: 32-47 Length: 16 Format: alphanumeric	Description: Fax number used for sending manual fulfillments to the issuer. VIC Edit: This field may contain spaces.
Routing Tier Code Positions: 48 Length: 1 Format: alphanumeric	Description: Codes designating VCRFS advice routing (domestic, regional, interregional). The Routing Tier Codes are: 1 = Interregional 2 = Regional 3 = Domestic VIC Edit: This field is applicable only to VCRFS advices. The VIC inserts the code prior to delivery.
Routing Transit Number (ABA Number) Positions: 49-57 Length: 9 Format: unpacked numeric	Description: The drawee financial institution's Routing Transit Number (ABA Number). Derived from the composite ISO field 125, usage 6.
Customer Account Number Positions: 58-76 Length: 19 Format: alphanumeric	Description: The customer deposit account number. This field is left-justified and space-filled. Derived from the composite ISO field 125, usage 6.
Check Serial Number Positions: 77-91 Length: 15 Format: alphanumeric	Description: The check serial number of the check being converted. This field is left-justified and space-filled. Derived from the composite ISO field 125, usage 6. Note: The check serial number is optional for Internet, Mail Order, or Telephone Order transactions. This field will be filled with spaces if not submitted.

VCRFS Advice Message Edit Criteria

Network Identification Code Positions: 92-95 Length: 4 Format: unpacked numeric	Description: The transaction network. The entry must be numeric and may be zeros. Values: 0002 = Visa (the default if the network is not included) 0003 = Interlink 0004 = Plus
Reserved Positions: 96-168 Length: 73 Format: alphanumeric	Description: This field is reserved for future use. VIC Edit: This field must be space-filled.

TC 38 - TCR 2 VDAS Advice

These tables contain the VCRFS/VDAS Message (TC 38) record layout and edit criteria for TCR 2 - VDAS ADVICE.

CTF - Outgoing and Incoming Interchange

VDAS Advice Message Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-16	12	AN	Reserved
17	1	AN	Requested Fulfillment Method
18	1	AN	Established Fulfillment Method
19-29	11	UN	Destination Workstation Identifier
30-31	2	AN	Reserved
32-47	16	AN	Destination FAX Number
48	1	AN	Routing Tier Code
49-54	6	UN	Source Workstation Identifier
55-56	2	UN	Draft Transaction Code
57	1	AN	Floor Limit Indicator

VDAS Advice Message Record Layout

Position	Field Length	Format	Contents
58	1	AN	CRB/Exception File Indicator
59	1	AN	Positive Cardholder Authorization Service (PCAS) Indicator
60-67	8	UN	Acquirer's Business ID
68-79	12	UN	Destination Amount
80-82	3	AN	Destination Currency Code
83	1	AN	Requested Payment Service
84	1	UN	Usage Code
85	1	AN	Authorization Characteristics Indicator
86-91	6	AN	Authorization Code
92	1	AN	POS Terminal Capability
93	1	AN	Reserved
94	1	AN	Cardholder ID Method
95-96	2	AN	POS Entry Mode
97-100	4	UN	Exception Item Central Processing Date (YDDD)
101	1	AN	Exception Item Reimbursement Attribute
102-105	4	UN	Network
106-117	12	UN	Retrieval Reference Number
118-123	6	UN	Interface Trace Number
124-128	5	AN	Reserved for Visa Internal Use
129-133	5	AN	Agent Unique ID
134-168	35	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

VDAS Advice Message Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain 38 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 2 .
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Requested Fulfillment Method Positions: 17 Length: 1 Format: alphanumeric	Description: Code designating whether a manual or automated fulfillment is being requested. VIC Edit: This field will contain a space.
Established Fulfillment Method Positions: 18 Length: 1 Format: alphanumeric	Description: Code designating whether the fulfillment method must be fulfilled manually or is automated. VIC Edit: In VDAS advices, this field indicates the response method that should be used as determined by the VIC (based on whether the opposite party is a VDAS participant). 0 = The request must be fulfilled manually. 1 = Automated fulfillment should be sent through the VisaNet network.

VDAS Advice Message Edit Criteria

Destination Workstation Identifier Positions: 19-29 Length: 11 Format: unpacked numeric	Description: The identifier of the workstation located at the destination of the chargeback or representment. VIC Edit: This field will be a valid workstation identifier. Note: Chargebacks (Transaction type C) Note: If the acquirer is a VDAS participant, this field will contain the Acquirer Workstation Identifier from the TCR-1 of the chargeback (position 11-16) if present, otherwise BASE II will insert the default Acquirer VDAS Identifier from the CONFIG. Note: Representments (Transaction type R) Note: If the issuer is a VDAS participant, this field will contain the Issuer Workstation Identifier from the TCR 1 of the representment (position 5-10) if present, otherwise BASE II will insert the default Issuer VDAS Identifier from the CONFIG.
Reserved Positions: 30-31 Length: 2 Format: alphanumeric	Description: Secondary address of the destination of the chargeback or representment. VIC Edit: This field must be zero-filled.
Destination FAX Number Positions: 32-47 Length: 16 Format: alphanumeric	Description: FAX number of the destination of the chargeback or representment. VIC Edit: This field must be space-filled.
Routing Tier Code Positions: 48 Length: 1 Format: alphanumeric	Description: Codes designating VCRFS advice routing (domestic, regional, interregional). The Routing Tier Codes are: 1 = Interregional 2 = Regional 3 = Domestic VIC Edit: This field is applicable only to VDAS advices. The VIC inserts the code prior to delivery.

VDAS Advice Message Edit Criteria

Source Workstation Identifier Positions: 49-54 Length: 6 Format: unpacked numeric	Description: The identifier of the workstation located at the source of the chargeback or representment VIC Edit: This field will be a valid workstation identifier. Note: Chargebacks (Transaction type C) Note: If the Issuer is a VDAS participant, this field will contain the Issuer Workstation Identifier from the TCR 1 of the chargeback (position 5-10) if present; otherwise, BASE II will insert the default Issuer VDAS Identifier from the CONFIG. Note: Representments (Transaction type R) Note: If the acquirer is a VDAS participant, this field will contain the Acquirer Workstation Identifier from the TCR 1 of the representment (position 11-16) if present; otherwise, BASE II will insert the default Acquirer VDAS Identifier from the CONFIG.
Draft Transaction Code Positions: 55-56 Length: 2 Format: unpacked numeric	Description: This field must contain the Draft Transaction Code from TCR-0 of the chargeback or representment.
Floor Limit Indicator Positions: 57 Length: 1 Format: alphanumeric	Description: Indicates that the transaction was above or below the merchant's floor limit for the date of purchase. This field must contain the Floor Limit Indicator from TCR 0 of the chargeback or representment.
CRB/Exception File Indicator Positions: 58 Length: 1 Format: alphanumeric	Description: Indicates that the account number used in the transaction was listed in the Card Recovery Bulletin or the Exception File (U.S. transactions). This field must contain the CRB/Exception File Indicator from TCR-0 of the chargeback or representment.
Positive Cardholder Authorization Service (PCAS) Indicator Positions: 59 Length: 1 Format: alphanumeric	Description: This field must contain the Positive Cardholder Authorization Service (PCAS) Indicator from TCR-0 of the chargeback or representment.
Acquirer's Business ID Positions: 60-67 Length: 8 Format: unpacked numeric	Description: A unique member identification number assigned by Visa. This field must contain the Acquirer's Business ID from TCR-0 of the chargeback or representment.

VDAS Advice Message Edit Criteria

Destination Amount Positions: 68-79 Length: 12 Format: unpacked numeric	Description: This field must contain the Destination Amount from TCR 0 of the chargeback or representment.
Destination Currency Code Positions: 80-82 Length: 3 Format: alphanumeric	Description: This field must contain the Destination Currency Code from TCR 0 of the chargeback or representment.
Requested Payment Service Positions: 83 Length: 1 Format: alphanumeric	Description: This field must contain the Requested Payment Service from TCR 0 of the chargeback or representment.
Usage Code Positions: 84 Length: 1 Format: unpacked numeric	Description: Indicates whether this is the first presentment or the second. This field must contain the Usage Code from TCR 0 of the chargeback or representment.
Authorization Characteristics Indicator Positions: 85 Length: 1 Format: alphanumeric	Description: A code used by the acquirer to request CPS qualification. This field must contain the Authorization Characteristics Indicator from TCR 0 of the chargeback or representment.
Authorization Code Positions: 86-91 Length: 6 Format: alphanumeric	Description: Code that an issuer, its authorizing processor, or stand-in processor provides to indicate approval of a transaction. The code is returned in the authorization response. This field must contain the Authorization Code from TCR 0 of the chargeback or representment.
POS Terminal Capability Positions: 92 Length: 1 Format: alphanumeric	Description: This field must contain the POS Terminal Capability from TCR 0 of the chargeback or representment.
Reserved Positions: 93 Length: 1 Format: alphanumeric	Description: This field is reserved for future use.

VDAS Advice Message Edit Criteria

Cardholder ID Method Positions: 94 Length: 1 Format: alphanumeric	Description: Method used to identify cardholder (PIN, signature, etc.). This field must contain the Cardholder ID Method from TCR 0 of the chargeback or representment.
POS Entry Mode Positions: 95-96 Length: 2 Format: alphanumeric	Description: This field must contain the POS Entry Mode from TCR 0 of the chargeback or representment.
Exception Item Central Processing Date (YDDD) Positions: 97-100 Length: 4 Format: unpacked numeric	Description: The Central Processing Date from TCR 0 of the chargeback or representment.
Exception Item Reimbursement Attribute Positions: 101 Length: 1 Format: alphanumeric	Description: The Reimbursement Attribute from TCR 0 of the chargeback or representment.
Network Positions: 102-105 Length: 4 Format: unpacked numeric	Description: Network value from the chargeback or representment.
Retrieval Reference Number Positions: 106-117 Length: 12 Format: unpacked numeric	Description: Retrieval Reference Number from the chargeback or representment.
Interface Trace Number Positions: 118-123 Length: 6 Format: unpacked numeric	Description: Trace Number from the chargeback or representment.
Reserved for Visa Internal Use Positions: 124-128 Length: 5 Format: alphanumeric	Description: This field is reserved for Visa internal use.

VDAS Advice Message Edit Criteria

Agent Unique ID Positions: 129-133 Length: 5 Format: alphanumeric	Description: Agent Unique ID value defined by Visa Europe (for Visa Europe V.me transactions only).
Reserved Positions: 134-168 Length: 35 Format: alphanumeric	Description: This field is reserved for future use.

TC 38 - TCR 3 VCRFS/VDAS Chargeback Documentation Data

These tables contain the VCRFS/VDAS Message (TC 38) record layout and edit criteria for TCR 3 - VCRFS/VDAS CHARGEBACK DOCUMENTATION DATA.

CTF - Outgoing and Incoming Interchange

VCRFS/VDAS Chargeback Documentation Data Message Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	UN	Chargeback Reference Number
11	1	AN	Documentation Indicator
12-61	50	AN	Member Message Text
62-63	2	AN	Special Condition Indicators
64-78	15	AN	Card Acceptor ID
79-86	8	AN	Terminal ID
87	1	AN	Mail/Telephone Indicator
88	1	AN	Special Chargeback Indicator
89	1	UN	Cardholder-Activated Terminal Indicator
90	1	AN	Prepaid Card Indicator

VCRFS/VDAS Chargeback Documentation Data Message Record Layout

Position	Field Length	Format	Contents
91	1	AN	AVS Response Code
92	1	AN	Authorization Source Code
93	1	AN	Purchase Identifier Format
94	1	AN	ATM Account Selection
95-119	25	AN	Purchase Identifier
120-128	9	UN	Cashback
129-167	39	AN	Reserved
168	1	AN	Reserved for Visa Internal Use

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

VCRFS/VDAS Chargeback Documentation Data Message Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain 38 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 3 .
Chargeback Reference Number Positions: 5-10 Length: 6 Format: unpacked numeric	Description: Unique identifier assigned by issuers to chargebacks. The Chargeback Reference Number from the TCR 1 of the chargeback or representment.

VCRFS/VDAS Chargeback Documentation Data Message Edit Criteria

Documentation Indicator Positions: 11 Length: 1 Format: alphanumeric	Description: The Documentation Indicator from the TCR 1 of the chargeback or representment. Indicates the status of supporting documentation.
Member Message Text Positions: 12-61 Length: 50 Format: alphanumeric	Description: Contains member text message. The Member Message Text from the TCR 1 of the chargeback or representment.
Special Condition Indicators Positions: 62-63 Length: 2 Format: alphanumeric	Description: This subfield supplies extra information regarding chargebacks (validation requests and advices). The Special Condition Indicators from the TCR 1 of the chargeback or representment.
Card Acceptor ID Positions: 64-78 Length: 15 Format: alphanumeric	Description: Code that identifies the card acceptor operating the POS terminal. The Card Acceptor ID from the TCR 1 of the chargeback or representment.
Terminal ID Positions: 79-86 Length: 8 Format: alphanumeric	Description: Code that identifies the card acceptor terminal or ATM. The Terminal ID from the TCR 1 of the chargeback or representment.
Mail/Telephone Indicator Positions: 87 Length: 1 Format: alphanumeric	Description: Indicates transaction performed by mail, telephone, or electronic commerce. The Mail/Telephone Indicator from the TCR 1 of the chargeback or representment.
Special Chargeback Indicator Positions: 88 Length: 1 Format: alphanumeric	Description: This subfield supplies extra information regarding chargebacks (validation requests and advices). The Special Chargeback Indicator from the TCR 1 of the chargeback or representment.
Cardholder-Activated Terminal Indicator Positions: 89 Length: 1 Format: unpacked numeric	Description: If the transaction occurred at an unattended terminal, the indicator identifies what type of terminal, such as a gas pump. The Cardholder-Activated Terminal Indicator from the TCR 1 of the chargeback or representment.

VCRFS/VDAS Chargeback Documentation Data Message Edit Criteria

Prepaid Card Indicator Positions: 90 Length: 1 Format: alphanumeric	Description: Indicates the type of prepaid card. The Prepaid Card Indicator from the TCR 1 of the chargeback or representment.
AVS Response Code Positions: 91 Length: 1 Format: alphanumeric	Description: Contains the response to an address verification service request. The AVS Response Code from the TCR 1 of the chargeback or representment.
Authorization Source Code Positions: 92 Length: 1 Format: alphanumeric	Description: Identifies the source of the authorization. The Authorization Source Code from the TCR 1 of the chargeback or representment.
Purchase Identifier Format Positions: 93 Length: 1 Format: alphanumeric	Description: The Purchase Identifier Format from the TCR 1 of the chargeback or representment.
ATM Account Selection Positions: 94 Length: 1 Format: alphanumeric	Description: The ATM Account Selection from the TCR 1 of the chargeback or representment.
Purchase Identifier Positions: 95-119 Length: 25 Format: alphanumeric	Description: Indicates the type of identifying information (order number, invoice number, text description, etc.). The Purchase Identifier from the TCR 1 of the chargeback or representment.
Cashback Positions: 120-128 Length: 9 Format: unpacked numeric	Description: The Cashback amount from the TCR 1 of the chargeback or representment.

VCRFS/VDAS Chargeback Documentation Data Message Edit Criteria

Reserved Positions: 129-167 Length: 39 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Reserved for Visa Internal Use Positions: 168 Length: 1 Format: alphanumeric	Description: This field is reserved for Visa internal use. EP will always space-fill.

TC 38 - TCR 5 VDAS Industry-Specific Data - Lodging

These tables contain the VCRFS/VDAS Message (TC 38) record layout and edit criteria for TCR 5 - VDAS INDUSTRY SPECIFIC DATA-LODGING.

CTF - Outgoing and Incoming Interchange

VDAS Industry-Specific Data-Lodging Advice Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-16	12	AN	Reserved
17-18	2	AN	Business Format Code
19-26	8	AN	Reserved
27	1	AN	Lodging No-Show Indicator
28-33	6	UN	Lodging Extra Charges
34-37	4	AN	Reserved
38-43	6	UN	Lodging Check-In Date
44-168	125	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

VDAS Industry-Specific Data-Lodging Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain 38 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 5 .
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Business Format Code Positions: 17-18 Length: 2 Format: alphanumeric	Description: Code indicating the type of business that is applicable to this transaction. The Business Format Code from TCR 3 of the chargeback or representment.
Reserved Positions: 19-26 Length: 8 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Lodging No-Show Indicator Positions: 27 Length: 1 Format: alphanumeric	Description: Code indicating the cardholder is being billed for a reserved room that was not actually rented. The Lodging No-Show Indicator from TCR 3 of the chargeback or representment.
Lodging Extra Charges Positions: 28-33 Length: 6 Format: unpacked numeric	Description: Used to indicate the type of additional charges added to a customer's bill after check out. The Lodging Extra Charges from TCR 3 of the chargeback or representment.

VDAS Industry-Specific Data-Lodging Advice Edit Criteria

Reserved Positions: 34-37 Length: 4 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Lodging Check-In Date Positions: 38-43 Length: 6 Format: unpacked numeric	Description: The Lodging Check-In Date from TCR 3 of the chargeback or representment.
Reserved Positions: 44-168 Length: 125 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 38 - TCR 5 VDAS Industry-Specific Data - Car Rental

These tables contain the VCRFS/VDAS Message (TC 38) record layout and edit criteria for TCR 5 - VDAS INDUSTRY SPECIFIC DATA - CAR RENTAL.

CTF - Outgoing and Incoming Interchange

VDAS Industry-Specific Data-Car Rental Advice Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-16	12	AN	Reserved
17-18	2	AN	Business Format Code
19-26	8	AN	Reserved
27	1	AN	Car Rental No-Show Indicator
28-33	6	UN	Car Rental Extra Charges
34-37	4	AN	Reserved

VDAS Industry-Specific Data-Car Rental Advice Record Layout

Position	Field Length	Format	Contents
38-43	6	UN	Car Rental Check-Out Date
44-168	125	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

VDAS Industry-Specific Data-Car Rental Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain 38 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 5 .
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Business Format Code Positions: 17-18 Length: 2 Format: alphanumeric	Description: Code indicating the type of business that is applicable to this transaction. This field must contain the Business Format Code from TCR 3 of the chargeback or representment.
Reserved Positions: 19-26 Length: 8 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

VDAS Industry-Specific Data-Car Rental Advice Edit Criteria

Car Rental No-Show Indicator Positions: 27 Length: 1 Format: alphanumeric	Description: Indicates that the cardholder was billed for a reserved vehicle that was not actually rented. This field must contain the Car Rental No-Show Indicator from TCR 3 of the chargeback or representment.
Car Rental Extra Charges Positions: 28-33 Length: 6 Format: unpacked numeric	Description: Indicates additional charges (gas, late fee, etc.) added to the customer's bill after checkout. This field must contain the Car Rental Extra Charges from TCR 3 of the chargeback or representment.
Reserved Positions: 34-37 Length: 4 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Car Rental Check-Out Date Positions: 38-43 Length: 6 Format: unpacked numeric	Description: Date the customer picked up the car or, in the case of a no-show or pre-pay, the scheduled pick-up date. This field must contain the Car Rental Check-Out Date from TCR 3 of the chargeback or representment.
Reserved Positions: 44-168 Length: 125 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Chapter 14

39 VCRFS/VDAS Message Transactions (Visa Use Only)

TC 39 - VCRFS/VDAS Message Transactions (Visa Use Only)

This transaction (TC 39) is created by VROL to trigger the creation of fulfillment incentive fees by the Clearing system.

TCR 0, 1-7

CTF - Outgoing and Incoming Interchange

In VCRFS, an automated copy fulfillment (TC 39) is an electronic image of the requested copy provided by the acquirer to the issuer or by the merchant to the acquirer. An acquirer, using a workstation or fax machine, can send automated copy fulfillments to an issuer participating in either the CRM or fax service. A merchant, using a workstation or fax machine, can send automated copy fulfillments to an acquirer participating in the CRM service.



TC 39 Fulfillments are exchanged between RSI and VROL.

TC 39 - TCR 0 VCRFS/VDAS Message Transactions

These tables contain the VCRFS/VDAS Message (TC 39) record layout and edit criteria for TCR 0 - VCRFS/VDAS MESSAGE TRANSACTIONS.

CTF - Outgoing and Incoming Interchange

VCRFS/VDAS Message Transactions Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17	1	AN	End Flag
18-20	3	UN	Last TCR Data Length
21-32	12	UN	Retrieval Request ID
33	1	AN	Data Type Flag

VCRFS/VDAS Message Transactions Record Layout

Position	Field Length	Format	Contents
34	1	AN	Transaction Type
35	1	AN	Source Routing Flag
36	1	AN	Destination Routing Flag
37	1	AN	Return Flag
38	1	UN	Settlement Flag
39-43	5	UN	Message Transaction Number
44-54	11	UN	Issuer Financial Identifier
55-57	3	AN	Reserved
58-61	4	AN	Public Network Trace Number
62-84	23	AN	Acquirer Reference Number
85-100	16	UN	Account Number
101-103	3	UN	Account Number Extension
104-118	15	UN	Transaction Identifier
119	1	AN	Excluded Transaction ID Reason
120-121	2	UN	Multiple Clearing Sequence Number
122-125	4	UN	Network Identification Code
126-129	4	AN	Reserved
130-140	11	UN	Acquirer Financial Identifier
141	1	AN	Requested Document Method
142-147	6	UN	Chargeback Reference Number
148-159	12	UN	Transaction Amount
160-163	4	UN	Purchase Date (MMDD)
164-167	4	UN	Central Processing Date (YDDD)
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

VCRFS/VDAS Message Transactions Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must be 39 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero).
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which a BASE II transaction message is sent. This field must contain a valid VCRFS or VDAS workstation identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message is sent.
End Flag Positions: 17 Length: 1 Format: alphanumeric	Description: Flag designating if there are more TCs that follow this message or if this is the end of a page or group of transactions. VIC Edit: The field must contain a P, G, F, or space . The End Flags are: Space = Indicates that there are more TCs to follow for this message. P = Indicates the end of a page of unformatted text data within a group. G = Indicates the end of the last page in a group of transactions within the message. Another group of transactions follows. F = Indicates the end of the last group of transactions in the message.
Last TCR Data Length Positions: 18-20 Length: 3 Format: unpacked numeric	Description: This is the data length of the last Transaction Component Record (TCR) of the transaction. VIC Edit: This field must contain a numeric entry. If the Data Type is I or T and the End Flag is not a space, this field must be greater than zero.

VCRFS/VDAS Message Transactions Edit Criteria

Retrieval Request ID Positions: 21-32 Length: 12 Format: unpacked numeric	Description: Numeric identifier of an issuer's request for a transaction receipt, which could include the original, a paper copy, a facsimile, or an electronic version. VIC Edit: This field must contain a numeric entry. When the Destination Routing Flag is 1 , this field must contain a properly formatted ID. This field may contain zeros.
Data Type Flag Positions: 33 Length: 1 Format: alphanumeric	Description: Flag identifying the type of data in the Transaction Component Record (TCR). The Data Type Flags are: I = Transaction contains G3 image data F = Transaction contains formatted data T = Transaction contains unformatted text data
Transaction Type Positions: 34 Length: 1 Format: alphanumeric	Description: The type of transaction contained in this TCR. The transaction type flags are: C = Chargeback D = Dispute R = Representment F = Fulfillment V = Reserved for Visa internal use VIC Edit: The field must contain a C, D, R, F, or V .
Source Routing Flag Positions: 35 Length: 1 Format: alphanumeric	Description: Flag indicating from whom the transaction was sent. The Source Routing Flags are: I = Transaction from issuer A = Transaction from acquirer S = Transaction from secondary acquirer M = Transaction from merchant V = Transaction from Visa VIC Edit: The field must contain an I, A, S, M, or V .
Destination Routing Flag Positions: 36 Length: 1 Format: alphanumeric	Description: Flag indicating to whom the transaction is being sent (destined): acquirer, issuer, or Visa. The Destination Routing Flags are: A = Transaction to acquirer I = Transaction to issuer VIC Edit: The field must contain an A or I .

VCRFS/VDAS Message Transactions Edit Criteria

Return Flag Positions: 37 Length: 1 Format: alphanumeric	Description: Reserved for future use. EP will always space-fill.
Settlement Flag Positions: 38 Length: 1 Format: unpacked numeric	Description: Indicates the settlement impact; also, the settlement service in which the transaction will settle: the International Settlement Service or a National Area Net Service. VIC Edit: If provided from the VCRFS/VDAS advice, this field should contain the Settlement Flag. This field must contain the Settlement Flag from the chargeback or representment.
Message Transaction Number Positions: 39-43 Length: 5 Format: unpacked numeric	Description: This field indicates the sequence of the transaction within the message, for example, the first transaction in the message has a Transaction Number of 00001. VIC Edit: The field must contain a numeric entry which is greater than zero.
Issuer Financial Identifier Positions: 44-54 Length: 11 Format: unpacked numeric	Description: Issuer's identification number, usually six digits, assigned by Visa. Must be a valid financial identifier. If zeros, it will be filled by BASE II with the default financial identifier on the CONFIG.
Reserved Positions: 55-57 Length: 3 Format: alphanumeric	Description: This field is reserved for future use.
Public Network Trace Number Positions: 58-61 Length: 4 Format: alphanumeric	VIC Edit: Transactions which originated at a Public Network user can contain a trace number inserted by the Public Network Gateway. The receiver is not required to retain this trace number. This field may contain spaces.
Acquirer Reference Number (ARN) Positions: 62-84 Length: 23 Format: alphanumeric	Description: A 23-digit identification number assigned by the acquirer and associated with every draft/voucher. It contains a format code, acquiring identifier, capture date, file locator, and check digit. This field must contain the Acquirer Reference Number from the chargeback or representment. This number is included in a Clearing Record. The ARN should be unique although duplicate ARNs will not be rejected. VIC Edit: The Format Code in Position 62 of the ARN must contain either a 2 or a 7 .

VCRFS/VDAS Message Transactions Edit Criteria

Account Number Positions: 85-100 Length: 16 Format: unpacked numeric	<p>Description: Contains the Account Number from the chargeback or representment.</p> <p>Account numbers are required on some transactions depending on the specified Funds Disbursement Reason Code. Refer to <i>BASE II Clearing Data Codes</i> to determine which reason code requires an account number.</p> <p>VIC Edit: If the Destination Routing Flag is I, the field must contain a valid account number.</p> <p>Fulfillments sent to issuers must contain the account number from the VCRFS/VDAS advice.</p>
Account Number Extension Positions: 101-103 Length: 3 Format: unpacked numeric	<p>Description: A three-digit extension of the account number that allows account numbers up to 19 digits.</p> <p>If the account number exceeds 16 digits, the extension field entry must be numeric, left-justified, and any remaining positions zero-filled.</p> <p>Outgoing: The Edit Package inserts zeros in the field if the Account Number is 16 digits or less (per the ARDEF Table).</p> <p>VIC Edit: The field must contain zeros if Account Number is 16 digits or fewer.</p>
Transaction Identifier (TID) Positions: 104-118 Length: 15 Format: unpacked numeric	<p>Description: A unique value that Visa assigns to each transaction and returns to the acquirer in the authorization response. Visa uses this value to maintain an audit trail throughout the lifecycle of the transaction and all related transactions, such as reversals, adjustments, confirmations, and chargebacks.</p> <p>VIC Edit: The field must contain a numeric entry. It must be either zeros or a valid Transaction Identifier.</p> <p>For fulfillment transactions destined for issuers, if the Acquirer Reference Number Format Code is a 2, this field may not be zeros. If the ARN format code is a 7, this field must be zeros. This field must contain the Transaction Identifier from the chargeback or representment.</p>
Excluded Transaction Identifier Reason Positions: 119 Length: 1 Format: alphanumeric	<p>Description: This field contains a code indicating that a transaction identifier is not included in the transaction. Use of this field ensures that certain transactions that do not have a transaction identifier can be processed successfully through the VisaNet systems. This field contains the value from the TC 38.</p>
Multiple Clearing Sequence Number Positions: 120-121 Length: 2 Format: unpacked numeric	<p>Description: This field contains a sequence number that distinguishes a specific clearing message among multiple clearing messages being submitted for a single CPS authorization from a chargeback or representment. All BASE II clearing messages linked to a single authorization request must contain a unique clearing sequence number from at least 1 to the total number of clearing records (Field 62.12-Multiple Clearing Sequence Count) for the authorization.</p> <p>This entry must be numeric.</p> <p>Outgoing: For transactions from non-CPS participating merchants, the Edit Package zero-fills this field.</p>

VCRFS/VDAS Message Transactions Edit Criteria

Network Identification Code Positions: 122-125 Length: 4 Format: unpacked numeric	Description: The transaction network. The entry must be numeric and may be zeros. Values: 0002 = Visa (the default if the network is not included) 0003 = Interlink 0004 = Plus
Reserved Positions: 126-129 Length: 4 Format: alphanumeric	Description: This field is reserved for future use.
Acquirer Financial Identifier Positions: 130-140 Length: 11 Format: unpacked numeric	Description: Acquirer's Visa-assigned identification number, usually six digits. Must be a valid financial identifier. If zeros, it will be filled by BASE II with the default financial identifier on the CONFIG.
Requested Document Method Positions: 141 Length: 1 Format: alphanumeric	Description: Requested method of distributing the document. Documents can be distributed: <ul style="list-style-type: none"> • M = By mail • 0 = Electronically (on websites or CD-ROMs) This field must contain a 0 (zero) or an M .
Chargeback Reference Number Positions: 142-147 Length: 6 Format: unpacked numeric	Description: Unique identifier assigned by issuers to chargebacks. Acquirers that submit Visa representments must include the number in the representment message. This field must contain the Chargeback Reference Number from the chargeback or representment.
Transaction Amount Positions: 148-159 Length: 12 Format: unpacked numeric	Description: The total amount of the transaction -- between a cardholder and a merchant, or between a cardholder and a member. The transaction amount includes the actual amount of the purchase plus state (or other) taxes. This field must contain the Destination Amount from TCR 0 of the chargeback or representment. Two decimals are implied.
Purchase Date Positions: 160-163 Length: 4 Format: unpacked numeric	Description: The actual date a cardholder makes a purchase; this is the date of the transaction. This field must contain the Purchase Date from the chargeback or representment. The entry must be a four-digit numeric (which may be zeros) in the format MMDD (month and day).

VCRFS/VDAS Message Transactions Edit Criteria

Central Processing Date Positions: 164-167 Length: 4 Format: unpacked numeric	Description: The date (based on Greenwich Mean Time) on which a member enters Interchange data to, and the data is accepted by, a VisaNet Interchange Center (VIC). VIC Edit: Insert the date when the transaction was processed. The date format is YDDD (year and day).
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

TC 39 - TCR 1-7 VCRFS/VDAS Image/Text Message

These tables contain the VCRFS/VDAS Message (TC 39) record layout and edit criteria for TCR 1-7 - VCRFS/VDAS IMAGE/TEXT MESSAGE.

CTF - Outgoing and Incoming Interchange

VCRFS/VDAS Text Message Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-168	164	AN	Image or Text

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

VCRFS/VDAS Text Message Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must be 39 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain 1 through 7 .
Image or Text Positions: 5-168 Length: 164 Format: alphanumeric	Description: Image or text being transmitted.

TC 39 - TCR 1 VDAS Forms Data

These tables contain the VCRFS/VDAS Message (TC 39) record layout and edit criteria for TCR 1 - VDAS FORMS DATA.

CTF - Outgoing and Incoming Interchange

VDAS Forms Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-6	2	AN	Form ID
7	1	UN	Jurisdiction

VDAS Forms Data Record Layout

Position	Field Length	Format	Contents
8-168	161	AN	Forms Formatted Fields

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

VDAS Forms Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must be 39 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 1 .
Form ID Positions: 5-6 Length: 2 Format: alphanumeric	Description: Indicates type of form being transmitted. Values: 2E = Documentation Transmittal 3C = Certification of Special Authorization 3D = Certification of Authorization
Jurisdiction Positions: 7 Length: 1 Format: unpacked numeric	Description: The region or area whose authority and control this transaction comes under. Values: 1 = International 2 = U.S. Region 3 = U.K.
Forms Formatted Fields Positions: 8-168 Length: 161 Format: alphanumeric	Description: Forms data.

TC 39 - TCR 1 VDAS Forms Data, Exhibit E or Exhibit 2E

These tables contain the VCRFS/VDAS Message (TC 39) record layout and edit criteria for TCR 1 - VDAS FORMS DATA, EXHIBIT E OR EXHIBIT 2E.

CTF - Outgoing and Incoming Interchange

VDAS Forms Data, Exhibit E or Exhibit 2E Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-6	2	AN	Form ID
7	1	UN	Jurisdiction
8-13	6	UN	Chargeback Reference Number
14-25	12	UN	Transaction Amount
26-28	3	AN	Transaction Currency Code
29-32	4	UN	Transaction Date (MMDD)
33-34	2	UN	Transaction Type
35	1	UN	Usage Code
36-37	2	UN	Reason Code
38	1	UN	Documentation Indicator
39-63	25	AN	Merchant Name
64-76	13	AN	Merchant City
77-79	3	AN	Merchant State
80-83	4	AN	Merchant Category Code
84-89	6	AN	Estimated Central Processing Date (MMDDYY)
90-114	25	AN	Prepared By
115-130	16	AN	Telephone Number
131-138	8	UN	Date Prepared

VDAS Forms Data, Exhibit E or Exhibit 2E Record Layout

Position	Field Length	Format	Contents
139	1	UN	Reimbursement Attribute on Draft
140-143	4	UN	Central Processing Date (YDDD)
144-151	8	UN	Acquirer's Business ID
152	1	AN	Mail/Telephone or Electronic Commerce Indicator
153-154	2	AN	Special Condition Indicators
155-168	14	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

VDAS Forms Data, Exhibit E or Exhibit 2E Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must be 39 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 1 .
Form ID Positions: 5-6 Length: 2 Format: alphanumeric	Description: Indicates type of form being transmitted. The valid value for this field is 2E (Documentation Transmittal).

VDAS Forms Data, Exhibit E or Exhibit 2E Edit Criteria

Jurisdiction Positions: 7 Length: 1 Format: unpacked numeric	Description: The region or area whose authority and control this transaction comes under. Values: 1 = International 2 = U.S. Region 3 = U.K.
Chargeback Reference Number Positions: 8-13 Length: 6 Format: unpacked numeric	Description: Unique identifier assigned by issuers. Acquirers that submit Visa representments must include the number in the representment message. For adjustments, this subfield is not applicable and must be zero-filled. This subfield must be numeric. For original sales drafts, the entry must be zeros. This field must contain the Chargeback Reference Number from the chargeback or representment.
Transaction Amount Positions: 14-25 Length: 12 Format: unpacked numeric	Description: The total amount of the transaction -- between a cardholder and a merchant, or between a cardholder and a member. The transaction amount includes the actual amount of the purchase plus state (or other) taxes. This field must contain the Destination Amount from TCR 0 of the chargeback or representment.
Transaction Currency Code Positions: 26-28 Length: 3 Format: alphanumeric	Description: This field contains the three-digit currency code of the transaction. Refer to the appropriate VisaNet User's manuals for the listing of valid currency codes.
Transaction Date Positions: 29-32 Length: 4 Format: unpacked numeric	Description: The date on which a transaction between a cardholder and a merchant, an acquirer, or a carrier occurs. This field contains the Purchase Date.
Transaction Type Positions: 33-34 Length: 2 Format: unpacked numeric	Description: The type of transaction contained in this TCR. This field must contain 05, 06, 07, 15, 16, or 17 .
Usage Code Positions: 35 Length: 1 Format: unpacked numeric	Description: Indicates whether this is the first presentment or the second. A VisaNet code that identifies the specific processing cycle of a Chargeback or Representment. The entry will be 1 on original transactions. This field must contain 1 or 2 .

VDAS Forms Data, Exhibit E or Exhibit 2E Edit Criteria

Reason Code Positions: 36-37 Length: 2 Format: unpacked numeric	Description: A VisaNet code that provides additional information to the receiving member regarding a Chargeback, Representment, Fee Collection, Funds Disbursement, or Transaction Receipt Request. This field must contain a valid Reason Code.
Documentation Indicator Positions: 38 Length: 1 Format: unpacked numeric	Description: This is a 1-position code identifying the status of supporting documentation. Subfield is required. This field must contain the Documentation Indicator from TCR 1 of the chargeback or representment. This field must contain a space or 0 through 4 .
Merchant Name Positions: 39-63 Length: 25 Format: alphanumeric	Description: This is the merchant or member name (for cash disbursements) imprinted on the transaction receipt by the merchant's or member's imprinter plate. It should be the "doing business as" (DBA) name of the merchant or member and the one most recognizable to cardholders. The merchant name as shown in the original presentment must be included in all chargebacks, retrieval requests, and representments. This field contains the Merchant Name.
Merchant City Positions: 64-76 Length: 13 Format: alphanumeric	Description: Unless otherwise specified, this must be the city location of the merchant or member outlet where the transaction occurred. The U.S. Postal Service standard city abbreviations as provided in the appropriate VisaNet User's manuals must be used for city names containing more than 13 characters. The merchant city as shown in the original presentment must be included in all chargebacks, retrieval requests, and representments. This field contains the Merchant City.
Merchant State Positions: 77-79 Length: 3 Format: alphanumeric	Description: This field contains the Merchant State/Province.
Merchant Category Code Positions: 80-83 Length: 4 Format: alphanumeric	Description: A code designating the principal trade, profession, or line of business in which a merchant is engaged. The field must contain a valid four-digit numeric Merchant Category Code (MCC). For Reimbursement Attribute 1, 2, G, or H , the entry must be 6011 .
Estimated Central Processing Date (MMDDYY) Positions: 84-89 Length: 6 Format: alphanumeric	Description: Estimate of when the original transaction was processed by BASE II. This field is supplied by the workstation.

VDAS Forms Data, Exhibit E or Exhibit 2E Edit Criteria

Prepared By Positions: 90-114 Length: 25 Format: alphanumeric	Description: Defaults to the workstation operator name.
Telephone Number Positions: 115-130 Length: 16 Format: alphanumeric	Description: This field contains the workstation operator telephone number.
Date Prepared Positions: 131-138 Length: 8 Format: unpacked numeric	Description: Date this record was created, supplied by the workstation.
Reimbursement Attribute on Draft Positions: 139 Length: 1 Format: unpacked numeric	Description: This field contains the Reimbursement Attribute of the draft message.
Central Processing Date (YDDD) Positions: 140-143 Length: 4 Format: unpacked numeric	Description: The date (based on Greenwich Mean Time) on which a member enters Interchange data to, and the data is accepted by, a VisaNet Interchange Center. The field must contain a valid date in YDDD format.
Acquirer's Business ID Positions: 144-151 Length: 8 Format: unpacked numeric	Description: A unique member identification number assigned to the acquirer by Visa. This field contains the Acquirer's Business ID.
Mail/Telephone or Electronic Commerce Indicator Positions: 152 Length: 1 Format: alphanumeric	Description: Indicates that the transaction was performed by mail, telephone, or electronic commerce. The field must contain a space or 1 through 9 . If the Merchant Category Code on an original transaction is 5960 , 5962 , or 5964 through 5969 , then the entry cannot be a space, unless R is present in the POS Environment code (TCR1, position 168).

VDAS Forms Data, Exhibit E or Exhibit 2E Edit Criteria

Special Condition Indicators Positions: 153-154 Length: 2 Format: alphanumeric	Description: This subfield supplies extra information regarding chargebacks (validation requests and advices). This field must contain the appropriate Risk Identification Service indicator and/or merchant indicator from TCR 1 of the chargeback or representment. This field contains the Special Condition Indicators.
Reserved Positions: 155-168 Length: 14 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 39 - TCR 2 VDAS Forms, Exhibit E or Exhibit 2E - Optional Collection Data

These tables contain the VCRFS/VDAS Message (TC 39) record layout and edit criteria for TCR 2 - VDAS FORMS DATA, EXHIBIT E OR EXHIBIT 2E-OPTIONAL COLLECTION DATA.

CTF - Outgoing and Incoming Interchange

VDAS Forms Data, Exhibit E or Exhibit 2E-Optional Collection Data Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-6	2	AN	Form ID
7	1	AN	Fraud Account Flag
8-32	25	AN	Cardholder Name
33-72	40	AN	Cardholder Address
73-168	96	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

VDAS Forms Data, Exhibit E or Exhibit 2E-Optional Collection Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must be 39 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 2 .
Form ID Positions: 5-6 Length: 2 Format: alphanumeric	Description: Indicates type of form being transmitted. This field must contain 2E (Documentation Transmittal).
Fraud Account Flag Positions: 7 Length: 1 Format: alphanumeric	Description: Indicates if account is fraudulent. This field must contain Y or N .
Cardholder Name Positions: 8-32 Length: 25 Format: alphanumeric	Description: Name of individual to whom a Visa Card, Visa Electron Card, or Visa TravelMoney Card is issued, or who is authorized to use this Visa Card, Visa Electron Card, or Visa TravelMoney Card.
Cardholder Address Positions: 33-72 Length: 40 Format: alphanumeric	Description: The address given by cardholder as the place to receive statements and miscellaneous correspondence.
Reserved Positions: 73-168 Length: 96 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 39 - TCR 3 Exhibit E or Exhibit 2E - Optional Representment/Second Chargeback

These tables contain the VCRFS/VDAS Message (TC 39) record layout and edit criteria for TCR 3 - VDAS FORMS DATA, EXHIBIT E OR EXHIBIT 2E-OPTIONAL REPRESENTMENT/SECOND CHARGEBACK.

CTF - Outgoing and Incoming Interchange

VDAS Forms Data, Exhibit E or Exhibit 2E-Optional Representment/Second Chargeback Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-6	2	AN	Form ID
7-16	10	Group	Representment Info
7-14	8	UN	Chargeback Receipt Date
15-16	2	UN	Representment Reason
17-29	13	Group	Second Chargeback Info
17-24	8	UN	Representment Receipt Date
25	1	AN	Providing Documentation for Original Chargeback Reason Code
26	1	AN	Documentation Not Received
27	1	AN	Different Chargeback Reason Code
28-29	2	UN	Second Chargeback Reason Code
30-79	50	AN	Member Message Text
80-168	89	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

VDAS Forms Data, Exhibit E or Exhibit 2E-Optional Representment/Second Chargeback Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must be 39 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 3 .
Form ID Positions: 5-6 Length: 2 Format: alphanumeric	Description: Indicates type of form being transmitted.
Representment Info Positions: 7-16 Length: 10 Format: group	Description: The information on a clearing record that an acquirer presents to an issuer through Interchange after a chargeback.
Chargeback Receipt Date Positions: 7-14 Length: 8 Format: unpacked numeric	Description: The date an acquirer receives a returned transaction from an issuer.
Representment Reason Positions: 15-16 Length: 2 Format: unpacked numeric	Description: Valid Representment Reason Code, indicating reason for representment.
Second Chargeback Info Positions: 17-29 Length: 13 Format: group	Description: This field is reserved.

VDAS Forms Data, Exhibit E or Exhibit 2E-Optional Representment/Second Chargeback Edit Criteria

Representment Receipt Date Positions: 17-24 Length: 8 Format: unpacked numeric	Description: The date the issuer receives information on a clearing record from an acquirer after a chargeback. Date received by the issuer.
Providing Documentation for Original Chargeback Reason Code Positions: 25 Length: 1 Format: alphanumeric	Description: Indicates whether documentation is being provided for original chargeback. This field must contain Y or N .
Documentation not Received Positions: 26 Length: 1 Format: alphanumeric	Description: Indicates if documentation was not received. This field must contain Y or N .
Different Chargeback Reason Code Positions: 27 Length: 1 Format: alphanumeric	Description: Indicates if there was a different reason code. This field must contain Y or N .
Second Chargeback Reason Code Positions: 28-29 Length: 2 Format: unpacked numeric	Description: This field is reserved.
Member Message Text Positions: 30-79 Length: 50 Format: alphanumeric	Description: Contains member text message.
Reserved Positions: 80-168 Length: 89 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 39 - TCR 4 VDAS Forms Data, Exhibit Q or Exhibit 3D

These tables contain the VCRFS/VDAS Message (TC 39) record layout and edit criteria for TCR 4 - VDAS FORMS DATA, EXHIBIT Q OR EXHIBIT 3D.

CTF - Outgoing and Incoming Interchange

VDAS Forms Data, Exhibit Q or Exhibit 3D Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-6	2	AN	Form ID
7	1	UN	Jurisdiction
8-11	4	UN	Transaction Central Processing Date (YDDD)
12-19	8	UN	Authorization Date (MMDDCCYY)
20-31	12	UN	Authorization Amount
32-34	3	AN	Authorization Currency Code
35-40	6	AN	Issuer's Approval Code
41-42	2	UN	Method of Authorization
43-67	25	AN	Prepared By
68-83	16	AN	Telephone Number
84-91	8	UN	Date Prepared
92-103	12	UN	Authorized Amount (US\$)
104	1	AN	Authorizing Member Contacted
105-168	64	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

VDAS Forms Data, Exhibit Q or Exhibit 3D Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must be 39 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 4 .
Form ID Positions: 5-6 Length: 2 Format: alphanumeric	Description: Indicates type of form being transmitted. Value: 3D = Certification of Authorization
Jurisdiction Positions: 7 Length: 1 Format: unpacked numeric	Description: The region or area whose authority and control this transaction comes under. Values: 1 = International 2 = U.S. region 3 = U.K.
Transaction Central Processing Date Positions: 8-11 Length: 4 Format: unpacked numeric	Description: Date on which a transaction is processed by BASE II. This field must contain the Central Processing Date from the chargeback or representment.
Authorization Date Positions: 12-19 Length: 8 Format: unpacked numeric	Description: Date the purchase was made and authorized. MMDDCCYY format.

VDAS Forms Data, Exhibit Q or Exhibit 3D Edit Criteria

Authorization Amount Positions: 20-31 Length: 12 Format: unpacked numeric	Description: Authorization amounts must be equal to (but can be greater than) their clearing amounts. Two decimals implied.
Authorization Currency Code Positions: 32-34 Length: 3 Format: alphanumeric	Description: Currency code of the authorized source amount. This field must contain the Authorization Currency Code from TCR 5 of the chargeback or representment. The entry must be spaces or a valid ISO numeric currency code. If the Authorized Amount is not zeros, then the Authorization Currency Code must not be spaces. The source currency and the authorization currency must be the same. CPS credit vouchers and their reversals must contain spaces in this field. Valid Currency Code.
Issuer's Approval Code Positions: 35-40 Length: 6 Format: alphanumeric	Description: Authorization code provided by the issuer when the transaction is approved.
Method of Authorization Positions: 41-42 Length: 2 Format: unpacked numeric	Description: Method used to authorize the transaction. Values: 01 = Manual Authorizer 02 = V.I.P. System User 03 = V.I.P. Emergency Procedures (International only) 04 = Terminal Procedures (U.S. only) 05 = Auto/Telex User (International only) 06 = Point of Transaction (U.S. only) 07 = Telephone (U.S. only)
Prepared By Positions: 43-67 Length: 25 Format: alphanumeric	Description: Defaults to workstation operator name.
Telephone Number Positions: 68-83 Length: 16 Format: alphanumeric	Description: Defaults to workstation operator telephone number.

VDAS Forms Data, Exhibit Q or Exhibit 3D Edit Criteria

Date Prepared Positions: 84-91 Length: 8 Format: unpacked numeric	Description: The date the record was prepared. Supplied by workstation.
Authorized Amount (US\$) Positions: 92-103 Length: 12 Format: unpacked numeric	Description: Amount the issuer originally authorized in US dollars.
Authorizing Member Contacted Positions: 104 Length: 1 Format: alphanumeric	Description: Whether the authorizing member was contacted. This field must contain Y or N .
Reserved Positions: 105-168 Length: 64 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 39 - TCR 4 VDAS Forms Data, Exhibit Y or Exhibit 3C

These tables contain the VCRFS/VDAS Message (TC 39) record layout and edit criteria for TCR 4 - VDAS FORMS DATA, EXHIBIT Y OR EXHIBIT 3C.

CTF - Outgoing and Incoming Interchange

VDAS Forms Data, Exhibit Y or Exhibit 3C Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-6	2	AN	Form ID
7	1	UN	Jurisdiction
8-68	61	Group	Transaction Information

VDAS Forms Data, Exhibit Y or Exhibit 3C Record Layout

Position	Field Length	Format	Contents
8	1	AN	Lodging or Vehicle Leasing
9-11	3	AN	Currency Code
12-68	57	Group	Lodging Merchant
12-19	8	UN	Check-In Date (MMDDCCYY)
20-27	8	UN	Check-Out Date (MMDDCCYY)
28-39	12	UN	Room Rate
40	1	AN	Room Rate Period
41-43	3	UN	Intended Length of Stay
44	1	AN	Intended Length of Stay Period
45-56	12	UN	Estimated Transaction Amount
57-68	12	UN	Transaction Amount
12-68	57	Group	Vehicle Leasing Merchant
12-19	8	UN	Rental Date (MMDDCCYY)
20-27	8	UN	Return Date (MMDDCCYY)
28-39	12	UN	Rental Rate
40	1	AN	Rental Rate Period
41-43	3	UN	Intended Length of Rental
44	1	AN	Intended Length of Rental Period
45-56	12	UN	Estimated Transaction Amount
57-68	12	UN	Transaction Amount
69-117	49	Group	Calculation of the Representment Amount
69	1	UN	Floor Limit Indicator
70-81	12	UN	Applicable Floor Limit
82-93	12	UN	Sum of Amounts Authorized
82-93	12	UN	Transaction Amount
94-105	12	UN	Representment Amount
106-117	12	UN	Totals Allowed
118-142	25	AN	Prepared By
143-158	16	AN	Telephone Number

VDAS Forms Data, Exhibit Y or Exhibit 3C Record Layout

Position	Field Length	Format	Contents
159-166	8	UN	Date Prepared
167-168	2	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

VDAS Forms Data, Exhibit Y or Exhibit 3C Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain 39 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 4 .
Form ID Positions: 5-6 Length: 2 Format: alphanumeric	Description: Indicates type of form being transmitted. Values: 3C = Certification of Special Authorization Representment Amount (International) Y = Certification of Special Authorization Presentment Amount (U.S.)
Jurisdiction Positions: 7 Length: 1 Format: unpacked numeric	Description: The region or area whose authority and control this transaction comes under. Values: 1 = International 2 = U.S. region 3 = U.K.

VDAS Forms Data, Exhibit Y or Exhibit 3C Edit Criteria

Transaction Information Positions: 8-68 Length: 61 Format: group	Description: Information that describes the transaction.
Lodging or Vehicle Leasing Positions: 8 Length: 1 Format: alphanumeric	Description: Indicates whether the transaction involved lodging or vehicle leasing: L = Lodging V = Vehicle Leasing
Currency Code Positions: 9-11 Length: 3 Format: alphanumeric	Description: Indicates type of currency. Defaults to chargeback or representment Currency Code.
Lodging Merchant Positions: 12-68 Length: 57 Format: group	Description: Name of lodging merchant.
Check-In Date Positions: 12-19 Length: 8 Format: unpacked numeric	Description: Date of check-in at lodging. This field must contain the Check-In Date in the following format: MMDDCCYY
Check-Out Date Positions: 20-27 Length: 8 Format: unpacked numeric	Description: Date of departure from lodging. This field must contain the Check-Out Date in the following format: MMDDCCYY The Check-Out Date must be greater than or equal to the Check-In Date.
Room Rate Positions: 28-39 Length: 12 Format: unpacked numeric	Description: Daily rate charged for lodging. Two decimals implied.
Room Rate Period Positions: 40 Length: 1 Format: alphanumeric	Description: Period of time the room rate covers (per day, per week, etc.). Values: D = Days W = Weeks E = Weekend M = Per Month O = Other

VDAS Forms Data, Exhibit Y or Exhibit 3C Edit Criteria

Intended Length of Stay Positions: 41-43 Length: 3 Format: unpacked numeric	Description: Duration of stay that the cardholder reserved.
Intended Length of Stay Period Positions: 44 Length: 1 Format: alphanumeric	Description Values: D = Days W = Weeks E = Weekend M = Per Month O = Other
Estimated Transaction Amount Positions: 45-56 Length: 12 Format: unpacked numeric	Description: Estimated amount of the transaction based on the reservation. Two decimals implied.
Transaction Amount Positions: 57-68 Length: 12 Format: unpacked numeric	Description: The total amount of the transaction -- between a cardholder and a merchant, or between a cardholder and a member.
Vehicle Leasing Merchant Positions: 12-68 Length: 57 Format: group	Description: Name of leasing merchant.
Rental Date Positions: 12-19 Length: 1 Format: unpacked numeric	Description: This field must contain the Rental Date in the following format: MMDDCCYY
Return Date Positions: 20-27 Length: 8 Format: unpacked numeric	Description: The date the rental was returned. This field must contain the Return Date in the following format: MMDDCCYY The Return Date must be greater than or equal to the Rental Date.
Rental Rate Positions: 28-39 Length: 12 Format: unpacked numeric	Description: Rate charged for car rental.

VDAS Forms Data, Exhibit Y or Exhibit 3C Edit Criteria

Rental Rate Period Positions: 40 Length: 1 Format: alphanumeric	Description: Period of rental. Values: D = Days W = Weeks E = Weekend M = Per Month O = Other
Intended Length of Rental Positions: 41-43 Length: 3 Format: unpacked numeric	Description: Duration of car rental that the cardholder reserved.
Intended Length of Rental Period Positions: 44 Length: 1 Format: alphanumeric	Description: Time period used for measuring duration of rental (per day, per week, etc.). Values: D = Days W = Weeks E = Weekend M = Per Month O = Other
Estimated Transaction Amount Positions: 45-56 Length: 12 Format: unpacked numeric	Description: The estimated amount of the transaction based on the reservation. Two decimals implied.
Transaction Amount Positions: 57-68 Length: 12 Format: unpacked numeric	Description: The total amount of the transaction between a cardholder and a merchant, or between a cardholder and a member. The transaction amount includes the actual amount of the purchase plus state (or other) taxes. This field must contain the Destination Amount from TCR 0 of the chargeback or representment.
Calculation of the Representment Amount Positions: 69-117 Length: 49 Format: group	Description: Estimated transaction based on reservation. Two decimals implied.

VDAS Forms Data, Exhibit Y or Exhibit 3C Edit Criteria

Floor Limit Indicator Positions: 69 Length: 1 Format: unpacked numeric	Description: Indicates if the transaction was above or below the merchant's floor limit for the date of the purchase. This field must contain the Floor Limit Indicator from TCR 0 of the chargeback or Representment. Values: 1 = Under Floor Limit 2 = Over Floor Limit
Applicable Floor Limit Positions: 70-81 Length: 12 Format: unpacked numeric	Description: If transaction was under the floor limit, indicates applicable limit.
Sum of Amounts Authorized Positions: 82-93 Length: 12 Format: unpacked numeric	Description: If transaction was over the floor limit, indicates total amount authorized. Two decimals implied.
Transaction Amount Positions: 82-93 Length: 12 Format: unpacked numeric	Description: The total amount of the transaction between a cardholder and a merchant, or between a cardholder and a member. The transaction amount includes the actual amount of the purchase plus state (or other) taxes.
Representment Amount Positions: 94-105 Length: 12 Format: unpacked numeric	Description: The amount on the clearing record that an acquirer presents to an issuer through Interchange after a chargeback. Two decimals implied.
Total Allowed Positions: 106-117 Length: 12 Format: unpacked numeric	Description: The total amount allowed. Used only if Over Floor Limit. Two decimals implied.
Prepared By Positions: 118-142 Length: 25 Format: alphanumeric	Description: Defaults to workstation operator name.
Telephone Number Positions: 143-158 Length: 16 Format: alphanumeric	Description: Defaults to workstation operator telephone number.

VDAS Forms Data, Exhibit Y or Exhibit 3C Edit Criteria

Date Prepared Positions: 159-166 Length: 8 Format: unpacked numeric	Description: The date this record was prepared, supplied by workstation. The date format is YYYYMMDD .
Reserved Positions: 167-168 Length: 2 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 39 - TCR 5, 6 Exhibit Y or Exhibit 3C - Authorizations Obtained Information

These tables contain the VCRFS/VDAS Message (TC 39) record layout and edit criteria for TCR 5,6 - VDAS FORMS DATA, EXHIBIT Y OR EXHIBIT 3C-AUTHORIZATIONS OBTAINED INFORMATION.

CTF - Outgoing and Incoming Interchange

VDAS Forms Data, Exhibit Y or Exhibit 3C-Authorizations Obtained Information Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-6	2	AN	Form ID
7-32	26	Group	Authorizations Obtained Info
7-14	8	UN	Authorization Date (MMDDCCYY)
15-26	12	UN	Authorization Amount
27-32	6	AN	Issuer's Approval Code
33-58	26	Group	Authorizations Obtained Info
33-40	8	UN	Authorization Date (MMDDCCYY)
41-52	12	UN	Authorization Amount

VDAS Forms Data, Exhibit Y or Exhibit 3C-Authorizations Obtained Information Record Layout

Position	Field Length	Format	Contents
53-58	6	AN	Issuer's Approval Code
59-84	26	Group	Authorizations Obtained Info
59-66	8	UN	Authorization Date (MMDDCCYY)
67-78	12	UN	Authorization Amount
79-84	6	AN	Issuer's Approval Code
85-110	26	Group	Authorizations Obtained Info
85-92	8	UN	Authorization Date (MMDDCCYY)
93-104	12	UN	Authorization Amount
105-110	6	AN	Issuer's Approval Code
111-136	26	Group	Authorizations Obtained Info
111-118	8	UN	Authorization Date (MMDDCCYY)
119-130	12	UN	Authorization Amount
131-136	6	AN	Issuer's Approval Code
137-162	26	Group	Authorizations Obtained Info
137-144	8	UN	Authorization Date (MMDDCCYY)
145-156	12	UN	Authorization Amount
157-162	6	AN	Issuer's Approval Code
163-168	6	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

VDAS Forms Data, Exhibit Y or Exhibit 3C-Authorizations Obtained Information Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must be 39 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.

VDAS Forms Data, Exhibit Y or Exhibit 3C-Authorizations Obtained Information Edit Criteria

Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain 5 or 6 .
Form ID Positions: 5-6 Length: 2 Format: alphanumeric	Description: Indicates type of form being transmitted. Value: 3C = Certification of Special Authorization.
Authorizations Obtained Info Positions: 7-32 Length: 26 Format: group	Description: Quantity of authorizations obtained for this transaction. 1st occurrence, TCR 5 7th occurrence, TCR 6
Authorization Date Positions: 7-14 Length: 8 Format: unpacked numeric	Description: The actual date that the purchase was made and authorized. MMDDCCYY format.
Authorization Amount Positions: 15-26 Length: 12 Format: unpacked numeric	Description: The actual authorized amount. This can exceed actual purchase amount in certain circumstances. Two decimals implied.
Issuer's Approval Code Positions: 27-32 Length: 6 Format: alphanumeric	Description: Authorization provided by the issuer when transaction is approved.
Authorizations Obtained Info Positions: 33-58 Length: 26 Format: group	Descriptions: Quantity of authorizations obtained for this transaction. 2nd occurrence, TCR 5 8th occurrence, TCR 6
Authorization Date Positions: 33-40 Length: 8 Format: unpacked numeric	Description: The actual date that the purchase was made and authorized. This field must contain the Authorization Date in the following format: MMDDCCYY

VDAS Forms Data, Exhibit Y or Exhibit 3C-Authorizations Obtained Information Edit Criteria

Authorization Amount Positions: 41-52 Length: 12 Format: unpacked numeric	Description: The actual authorized amount. Can exceed actual purchase amount in certain circumstances. Two decimals implied.
Issuer's Approval Code Positions: 53-58 Length: 6 Format: alphanumeric	Description: Valid Approval Code.
Authorizations Obtained Info Positions: 59-84 Length: 26 Format: group	Description: Quantity of authorizations obtained for this transaction. 3rd occurrence, TCR 5 9th occurrence, TCR 6
Authorization Date Positions: 59-66 Length: 8 Format: unpacked numeric	Description: The actual date that the purchase was made and authorized. This field must contain the Authorization Date in the following format: MMDDCCYY
Authorization Amount Positions: 67-78 Length: 12 Format: unpacked numeric	Description: The actual authorized amount. Can exceed actual purchase amount in certain circumstances. Two decimals implied.
Issuer's Approval Code Positions: 79-84 Length: 6 Format: alphanumeric	Description: Authorization provided by the issuer when transaction is approved.
Authorizations Obtained Info Positions: 85-110 Length: 26 Format: group	Description: Identifies the source of the authorization. 4th occurrence, TCR 5 10th occurrence, TCR 6
Authorization Date Positions: 85-92 Length: 8 Format: unpacked numeric	Description: The actual date that the purchase was made and authorized. This field must contain the Authorization Date in the following format: MMDDCCYY

VDAS Forms Data, Exhibit Y or Exhibit 3C-Authorizations Obtained Information Edit Criteria

Authorization Amount Positions: 93-104 Length: 12 Format: unpacked numeric	Description: The actual authorized amount. Can exceed actual purchase amount in certain circumstances. Two decimals implied.
Issuer's Approval Code Positions: 105-110 Length: 6 Format: alphanumeric	Description: Authorization provided by the issuer when transaction is approved. Valid Approval Code.
Authorizations Obtained Info Positions: 111-136 Length: 26 Format: group	Description: Quantity of authorizations obtained for this transaction. 6th occurrence, TCR 5 12th occurrence, TCR 6
Authorization Date Positions: 111-118 Length: 8 Format: unpacked numeric	Description: The actual date that the purchase was made and authorized. This field must contain the Authorization Date in the following format: MMDDCCYY
Authorization Amount Positions: 119-130 Length: 12 Format: unpacked numeric	Description: Authorized amount can exceed actual purchase amount in certain circumstances. Two decimals implied.
Issuer's Approval Code Positions: 131-136 Length: 6 Format: alphanumeric	Description: Authorization provided by the issuer when transaction is approved.
Authorizations Obtained Info Positions: 137-162 Length: 26 Format: group	Description: Quantity of authorizations obtained for this transaction. 6th occurrence, TCR 5 12th occurrence, TCR 6
Authorization Date Positions: 137-144 Length: 8 Format: unpacked numeric	Description: The actual date that the purchase was made and authorized. This field must contain the Authorization Date in the following format: MMDDCCYY

VDAS Forms Data, Exhibit Y or Exhibit 3C-Authorizations Obtained Information Edit Criteria

Authorization Amount Positions: 145-156 Length: 12 Format: unpacked numeric	Description: Authorized amount can exceed actual purchase amount in certain circumstances. Two decimals implied.
Issuer's Approval Code Positions: 157-162 Length: 6 Format: alphanumeric	Description: Valid Approval Code.
Reserved Positions: 163-168 Length: 6 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Chapter 15

40 Fraud Advice Transactions



TC 40 - Fraud Advice Transactions

The Fraud Advice transaction (TC 40) transmits information to and from members for fraudulent transactions.

TCR 0, 1, 2, 3, 4, 7

CTF - Outgoing and Incoming Interchange

TCR 0 is always required.

TCR 1 is used by U.S. members to report fraud to the Issuers' Clearinghouse Service (ICS) and to report optional cardholder and merchant data for the Fraud Reporting System. It is also used for incoming optional print image reports. See *Issuer's Clearinghouse Service User's Guide* and *Fraud Reporting System User's Guide*.

TCR 2 is a required TCR if the transaction being reported contained a Transaction Identifier. It is also used for incoming optional print image reports to members.

TCR 3 is used by members to report optional transaction data for the Fraud Reporting System and for incoming optional print image reports to members.

TCR 4 is used for incoming optional print image reports to members.

TCR 5 and TCR 6 are reserved for future use.

TCR 7 is used for optional incoming interchange transactions to members.

TC 40 - TCR 0

These tables contain the Fraud Advice (TC 40) record layout and edit criteria for TCR 0.

CTF - Outgoing and Incoming Interchange

Fraud Advice Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-167	151	AN	Transaction Data

Fraud Advice Record Layout

Position	Field Length	Format	Contents
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Fraud Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain 40 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero).
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which a BASE II transaction message is sent. Outgoing: This field must contain 400050 .
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which this BASE II transaction message was sent. Outgoing: This field must contain the source identifier of the client reporting the fraud. The source identifier is normally the issuing identifier but will be the acquiring identifier when an acquirer is reporting counterfeit/ fraud (Fraud type = 9) Incoming: This field must contain 400050 .

Fraud Advice Edit Criteria

Transaction Data Positions: 17-167 Length: 151 Format: alphanumeric	Description: See the <i>Fraud Reporting System User's Guide</i> for specific transaction data information.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: This field must contain 0 (zero).

TC 40 - TCR 1

These tables contain the Fraud Advice (TC 40) record layout and edit criteria for TCR 1.

CTF - Outgoing and Incoming Interchange

Fraud Advice Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-168	164	AN	Transaction Data

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Fraud Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain 40 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.

Fraud Advice Edit Criteria

Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 1 .
Transaction Data Positions: 5-168 Length: 164 Format: alphanumeric	Description: See <i>Fraud Reporting System User's Guide</i> for specific transaction data information.

TC 40 - TCR 2

These tables contain the Fraud Advice (TC 40) record layout and edit criteria for TCR 2.

CTF - Outgoing and Incoming Interchange

Fraud Advice Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-168	164	AN	Transaction Data

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Fraud Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain 40 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 2 .
Transaction Data Positions: 5-168 Length: 164 Format: alphanumeric	Description: See <i>Fraud Reporting System User's Guide</i> for specific transaction data information.

TC 40 - TCR 3

These tables contain the Fraud Advice (TC 40) record layout and edit criteria for TCR 3.

CTF - Outgoing and Incoming Interchange

Fraud Advice Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-168	164	AN	Transaction Data

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Fraud Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain 40 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 3 .
Transaction Data Positions: 5-168 Length: 164 Format: alphanumeric	Description: See <i>Fraud Reporting System User's Guide</i> for specific transaction data information.

TC 40 - TCR 4-7

These tables contain the Fraud Advice (TC 40) record layout and edit criteria for TCR 4-7.

CTF - Incoming Interchange

Fraud Advice Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-168	164	AN	Transaction Data

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Fraud Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain 40 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 4, 5, 6, or 7 .
Transaction Data Positions: 5-168 Length: 164 Format: alphanumeric	Description: See <i>Fraud Reporting System User's Guide</i> for specific transaction data information.

Chapter 16

42, 43 Merchant File Update Transactions

TC 42, 43 - Merchant File Update Transactions

The Merchant File Update transactions carry merchant update information for Card Recovery Bulletin distribution purposes.

TCR 0

CTF - Outgoing and Incoming Interchange

- **Merchant File Update (TC 42)**—Carries an acquirer's required merchant update information between a VIC and the members for Card Recovery Bulletin distribution purposes.
- **Merchant File Update (TC 43)**—Performs the same function on an optional basis.

TC 42, 43 - TCR 0 Record 1

These tables contain the Merchant File Update (TC 42) record layout and edit criteria for TCR 0 - RECORD 1.

CTF - Outgoing and Incoming Interchange

Merchant File Update - Record 1 Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-153	137	AN	Transaction Data
154	1	AN	Service Identifier
155-167	13	AN	Transaction Data
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Merchant File Update - Record 1 Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain 42 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero).
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which the BASE II transaction message is sent. The field must contain a valid destination identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The acquiring identifier responsible for maintaining the Merchant Mailing File record, and is used for billing and reporting purposes. This field must contain a valid source identifier.
Transaction Data Positions: 17-153 Length: 137 Format: alphanumeric	Description: See <i>Card Recovery Bulletin User's Guide</i> for specific transaction data information.
Service Identifier Positions: 154 Length: 1 Format: alphanumeric	Description: Further identifies the type of transaction. This field will contain one of these values: Y = National Merchant Mailing File record Space = Merchant File Update record

Merchant File Update - Record 1 Edit Criteria

Transaction Data Positions: 155-167 Length: 13 Format: alphanumeric	Description: Additional transaction data and/or filler. See <i>Card Recovery Bulletin User's Guide</i> for specific transaction data information.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled

TC 42, 43 - TCR 0 Record 2

These tables contain the Merchant File Update (TC 43) record layout and edit criteria for TCR 0 - RECORD 2.

CTF - Outgoing and Incoming Interchange

Merchant File Update Record 2 Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-167	151	AN	Transaction Data
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Merchant File Update Record 2 Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 43 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: The field must contain a 0 (zero).
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 0 (zero).
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which the BASE II transaction message is sent. This field must contain a valid destination identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The acquiring identifier responsible for maintaining the Merchant Mailing File record, and is used for billing and reporting purposes. This field must contain a valid source identifier.
Transaction Data Positions: 17-167 Length: 151 Format: alphanumeric	Description: Specifies the action to be taken (add a merchant outlet, suspend bulletin delivery, reinstate bulletin delivery, etc.), and gives related Merchant Mailing File information, such as merchant outlet number, distribution frequency, and distribution method. See <i>Card Recovery Bulletin User's Guide</i> for specific transaction data information.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

Chapter 17

44 Collection Batch Acknowledgment Transactions

TC 44 - Collection Batch Acknowledgment Transactions

The Collection Batch Acknowledgment (TC 44) carries data necessary to report the batches collected by a VIC. Three TCR 0 transaction formats are provided, one for an accepted batch (Batch Disposition Code = **A**), and one for a rejected batch (Batch Disposition Code = **R**), and one for a split batch (Batch Disposition Code = **X**-To be activated January 2020).

TCR 0-8

ITF - Incoming Interchange

TC 44 - TCR 0 Batch Disposition Code A

These tables contain the Collection Batch Acknowledgment (TC 44) record layout and edit criteria for TCR 0 - BATCH DISPOSITION CODE A.

CTF - Incoming Interchange

Collection Batch Acknowledgment-Batch Disposition Code A Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-21	5	UN	Edit Package Batch Date (YYDDD)
22-27	6	UN	Edit Package Batch Number
28-35	8	UN	Interchange Window ID Number
36	1	AN	Batch Disposition Code
37	1	AN	Summary Type Code
38-40	3	AN	Currency Code
41	1	AN	Settlement Flag
42	1	AN	Reserved

Collection Batch Acknowledgment-Batch Disposition Code A Record Layout

Position	Field Length	Format	Contents
43-57	15	UN	Total Transaction Component Records
58-72	15	UN	Total Transactions
73-87	15	UN	Gross Amount
88-137	50	AN	Reserved
138-167	30	AN	BASE II Unique File ID
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Collection Batch Acknowledgment-Batch Disposition Code A Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field will contain 44 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: The field will contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field will contain a 0 (zero).
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which a BASE II transaction message is sent. This field will contain the destination identifier of the processing center.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which this BASE II transaction message was sent.

Collection Batch Acknowledgment-Batch Disposition Code A Edit Criteria

Edit Package Batch Date Positions: 17-21 Length: 5 Format: unpacked numeric	Description: The outgoing Edit Package date of the batch being acknowledged. The format of this field is YYDDD .
Edit Package Batch Number Positions: 22-27 Length: 6 Format: unpacked numeric	Description: The outgoing Edit Package batch number of the batch being acknowledged.
Interchange Window ID Number Positions: 28-35 Length: 8 Format: unpacked numeric	Description: This field is reserved and always contains a 0 .
Collection Date Positions: 28-32 Length: 5 Format: unpacked numeric	Description: The date that the VIC collected the batch. (A batch is a set of transaction records sent through BASE II). The format of this field is YYDDD .
Collection Window Number Positions: 33-35 Length: 3 Format: unpacked numeric	Description: This is the settlement window when the batch was collected by the VIC. The entry must be numeric.
Batch Disposition Code Positions: 36 Length: 1 Format: alphanumeric	Description: This field will contain an A , which indicates that the batch was accepted by the VIC (although individual records within the batch may have been returned).
Summary Type Code Positions: 37 Length: 1 Format: alphanumeric	Description: This code indicates which type of transactions within the batch are being acknowledged. This field will contain a 0 (zero) or a 2 . The Summary Type Codes are: 0 = Interchange 2 = Collection-only transaction
Currency Code Positions: 38-40 Length: 3 Format: alphanumeric	Description: The three-digit currency code of the transaction that indicates type of currency for the group of transactions being summarized from the batch. Defaults to dispute financial or dispute response financial Currency Code. The field will contain a 0 (zero) when nonfinancial transactions are being summarized.

Collection Batch Acknowledgment-Batch Disposition Code A Edit Criteria

Settlement Flag Positions: 41 Length: 1 Format: alphanumeric	Description: The Settlement Service in which the transaction will settle: the International Settlement Service or National Area Net Service. The field will contain a space or one of the following Settlement Flags: S = Settled D = National Net Settlement B = National Bilateral Settlement I = International Bilateral Settlement (valid only for Latin America and Caribbean, not valid for original presentments after June 1, 1996)
Reserved Positions: 42 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Total Transaction Component Records Positions: 43-57 Length: 15 Format: unpacked numeric	Description: A TCR is a fixed-length record used to contain a component portion of a BASE II transaction. A single BASE II transaction may contain multiple TCRs. The "total" is the number of all the TCRs in the group of transactions being summarized.
Total Transactions Positions: 58-72 Length: 15 Format: unpacked numeric	Description: The total number of the records that make up a single financial, administrative, or text message, as required for transmission between a processing center and a VIC. (Such transactions are identified by transaction codes.) The "total" is the number of transactions in the group being summarized.
Gross Amount Positions: 73-87 Length: 15 Format: unpacked numeric	Description: This field will contain the hash total of Source Amounts in the group of transactions being summarized.
Reserved Positions: 88-137 Length: 50 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Collection Batch Acknowledgment-Batch Disposition Code A Edit Criteria

BASE II Unique File ID Positions: 138-167 Length: 30 Format: alphanumeric	Description: A unique file number (like an identification) used by the Edit Package for history checking.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: This field must contain 0 (zero).

TC 44 - TCR 0 Batch Disposition Code R

These tables contain the Collection Batch Acknowledgment (TC 44) record layout and edit criteria for TCR 0 - BATCH DISPOSITION CODE R.

CTF - Incoming Interchange

Collection Batch Acknowledgment-Batch Disposition Code R Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-21	5	UN	Edit Package Batch Date (YYDDD)
22-27	6	UN	Edit Package Batch Number
28-35	8	UN	Interchange Window ID Number
36	1	AN	Batch Disposition Code
37-39	3	AN	Reject Reason Code
40-137	98	AN	Reserved
138-167	30	AN	BASE II Unique File ID

Collection Batch Acknowledgment-Batch Disposition Code R Record Layout

Position	Field Length	Format	Contents
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Collection Batch Acknowledgment-Batch Disposition Code R Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field will contain 44 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: The field will contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field will contain a 0 (zero).
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which a BASE II transaction message is sent. This field will contain the destination identifier of the processing center.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which this BASE II transaction message was sent. Incoming: This field must contain the source identifier of the VIC: 400050 .
Edit Package Batch Date Positions: 17-21 Length: 5 Format: unpacked numeric	Description: The outgoing Edit Package date of the batch being acknowledged. The format of this field is YYDDD .

Collection Batch Acknowledgment-Batch Disposition Code R Edit Criteria

Edit Package Batch Number Positions: 22-27 Length: 6 Format: unpacked numeric	Description: The Edit Package batch number of the batch being acknowledged.
Interchange Window ID Number Positions: 28-35 Length: 8 Format: unpacked numeric	Description: This field is reserved and always contains a 0 .
Collection Date Positions: 28-32 Length: 5 Format: unpacked numeric	Description: The date that the VIC collected the batch (A batch is a set of transaction records sent through BASE II). Note: The format of this field is YYDDD .
Collection Window Number Positions: 33-35 Length: 3 Format: unpacked numeric	Description: This is the settlement window when the batch was collected by the VIC. The entry must be numeric
Batch Disposition Code Positions: 36 Length: 1 Format: alphanumeric	Description: A code that indicates that the batch was rejected by the VIC. This field will contain an R .
Reject Reason Code Positions: 37-39 Length: 3 Format: alphanumeric	Description: Using a specific code, this is a response to a transaction request indicating that the receiving endpoint cannot accept the message because it contains an error. This field is 2 alphanumeric positions containing the defined codes for approval and declines of eligibility inquiries. Note: See <i>BASE II Clearing Data Codes</i> for a list of valid Batch Reject Reason Codes.
Reserved Positions: 40-137 Length: 98 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Collection Batch Acknowledgment-Batch Disposition Code R Edit Criteria

BASE II Unique File ID Positions: 138-167 Length: 30 Format: alphanumeric	Description: A unique file number used by the Edit Package for history checking.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: This field must contain 0 (zero).

TC 44 - TCR 0 Batch Disposition Code X

These tables contain the Collection Batch Acknowledgment (TC 44) record layout and edit criteria for TCR 0 - BATCH DISPOSITION CODE X.

CTF - Incoming Interchange

Collection Batch Acknowledgment Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-21	5	UN	Edit Package Batch Date (YYDDD)
22-27	6	UN	Edit Package Batch Number
28-35	8	UN	Interchange Window ID Number
36	1	AN	Batch Disposition Code
37	1	AN	Summary Type Code
38-40	3	AN	Currency Code
41	1	AN	Settlement Flag
42	1	AN	Reserved-Batch

Collection Batch Acknowledgment Record Layout

Position	Field Length	Format	Contents
43-57	15	UN	Total Transaction Component Records
58-72	15	UN	Total Transactions
73-87	15	UN	Gross Amount
88-137	50	AN	Reserved
138-167	30	AN	BASE II Unique File ID
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Collection Batch Acknowledgment-Batch Disposition Code X Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field will contain 44 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: The field will contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field will contain a 0 (zero).
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which a BASE II transaction message is sent. This field will contain the destination identifier of the processing center.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which this BASE II transaction message was sent.

Collection Batch Acknowledgment-Batch Disposition Code X Edit Criteria

Edit Package Batch Date (YYDDD) Positions: 17-21 Length: 5 Format: unpacked numeric	Description: The outgoing Edit Package date of the batch being acknowledged. The format of this field is YYDDD .
Edit Package Batch Number Positions: 22-27 Length: 6 Format: unpacked numeric	Description: The outgoing Edit Package batch number of the batch being acknowledged.
Interchange Window ID Number Positions: 28-35 Length: 8 Format: unpacked numeric	Description: This field is reserved and always contains a 0 .
Collection Date Positions: 28-32 Length: 5 Format: unpacked numeric	Description: The date that the VIC collected the batch. (A batch is a set of transaction records sent through BASE II). The format of this field is YYDDD .
Collection Window Number Positions: 33-35 Length: 3 Format: unpacked numeric	Description: This is the settlement window when the batch was collected by the VIC. The entry must be numeric.
Batch Disposition Code Positions: 36 Length: 1 Format: alphanumeric	Description: This field will contain an X , which indicates that the batch was accepted by the VIC and records within the batch may have been sent via Cross VIC processing.
Summary Type Code Positions: 37 Length: 1 Format: alphanumeric	Description: This code indicates which type of transactions within the batch are being acknowledged. This field will contain a 0 (zero) or a 2 . The Summary Type Codes are: 0 = Interchange 2 = Collection-only transaction
Currency Code Positions: 38-40 Length: 3 Format: alphanumeric	Description: The three-digit currency code of the transaction that indicates type of currency for the group of transactions being summarized from the batch. Defaults to dispute financial or dispute response financial Currency Code. The field will contain a 0 (zero) when nonfinancial transactions are being summarized.

Collection Batch Acknowledgment-Batch Disposition Code X Edit Criteria

Settlement Flag Positions: 41 Length: 1 Format: alphanumeric	Description: The Settlement Service in which the transaction will settle: the International Settlement Service or National Area Net Service. The field will contain a space or one of the following Settlement Flags: S = Settled D = National Net Settlement B = National Bilateral Settlement I = International Bilateral Settlement (valid only for Latin America and Caribbean, not valid for original presentments after June 1, 1996)
Reserved-Batch Positions: 42 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Total Transaction Component Records Positions: 43-57 Length: 15 Format: unpacked numeric	Description: A TCR is a fixed-length record used to contain a component portion of a BASE II transaction. A single BASE II transaction may contain multiple TCRs. The "total" is the number of all the TCRs in the group of transactions being summarized.
Total Transactions Positions: 58-72 Length: 15 Format: unpacked numeric	Description: The total number of the records that make up a single financial, administrative, or text message, as required for transmission between a processing center and a VIC. (Such transactions are identified by transaction codes.) The "total" is the number of transactions in the group being summarized.
Gross Amount Positions: 73-87 Length: 15 Format: unpacked numeric	Description: This field will contain the hash total of Source Amounts in the group of transactions being summarized.
Reserved Positions: 88-137 Length: 50 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Collection Batch Acknowledgment-Batch Disposition Code X Edit Criteria

BASE II Unique File ID Positions: 138-167 Length: 30 Format: alphanumeric	Description: A unique file number (like an identification) used by the Edit Package for history checking.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: This field must contain 0 (zeros).

TC 44 - TCR 1-8

These tables contain the Collection Batch Acknowledgment (TC 44) record layout and edit criteria for TCR 1-8.

CTF - Incoming Interchange

Collection Batch Acknowledgment Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-16	12	AN	Reserved
17-18	2	UN	Transaction Code Being Summarized
19	1	UN	Transaction Code Qualifier
20-34	15	UN	Transaction Count
35-49	15	UN	Settlement Amount
50-51	2	UN	Transaction Code Being Summarized
52	1	UN	Transaction Code Qualifier
53-67	15	UN	Transaction Count
68-82	15	UN	Settlement Amount
83-84	2	UN	Transaction Code Being Summarized
85	1	UN	Transaction Code Qualifier

Collection Batch Acknowledgment Record Layout

Position	Field Length	Format	Contents
86-100	15	UN	Transaction Count
101-115	15	UN	Settlement Amount
116-117	2	UN	Transaction Code Being Summarized
118	1	UN	Transaction Code Qualifier
119-133	15	UN	Transaction Count
134-148	15	UN	Settlement Amount
149-168	20	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Collection Batch Acknowledgment Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field will contain a 44 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: The field will contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field will contain 1 through 8 .
Reserved Positions: 5-16 Length: 6 Format: unpacked numeric	Description: This field is reserved for future use. EP will always space-fill.

Collection Batch Acknowledgment Edit Criteria

Transaction Code Being Summarized Positions: 17-18 Length: 2 Format: unpacked numeric	Description: The two-digit BASE II transaction code for the batch being summarized. Zeros in this field or at the end of TCRs indicate the end of the information for the key.
Transaction Code Qualifier Positions: 19 Length: 1 Format: unpacked numeric	Description: This field will contain a 0 (zero).
Transaction Count Positions: 20-34 Length: 15 Format: unpacked numeric	Description: The total count of all transactions in the file excluding file header and trailer records.
Settlement Amount Positions: 35-49 Length: 15 Format: unpacked numeric	Description: The daily net amount resulting from Clearing. This amount includes Transaction and Fee Collection Transaction totals, expressed in a Member's Settlement Currency. May be a debit or credit. Two decimals implied. This field will contain zeros if it is a nonmonetary transaction.
Transaction Code Being Summarized Positions: 50-51 Length: 2 Format: unpacked numeric	Description: The two-digit BASE II transaction code for the batch being summarized. Zeros in this field or at the end of TCRs indicate the end of the information for the key.
Transaction Code Qualifier Positions: 52 Length: 1 Format: unpacked numeric	Description: If used, this field will contain a 0 (zero).
Transaction Count Positions: 53-67 Length: 15 Format: unpacked numeric	Description: The total count of all transactions in the file excluding file header and trailer records.
Settlement Amount Positions: 68-82 Length: 15 Format: unpacked numeric	Description: The daily net amount resulting from Clearing. This amount includes Transaction and Fee Collection Transaction totals, expressed in a Member's Settlement Currency. May be a debit or credit. Two decimals implied. This field will contain zeros if it is a nonmonetary transaction.

Collection Batch Acknowledgment Edit Criteria

Transaction Code Being Summarized Positions: 83-84 Length: 2 Format: unpacked numeric	Description: The two-digit BASE II transaction code for the batch being summarized. Zeros in this field or at the end of TCRs indicate the end of the information for the key.
Transaction Code Qualifier Positions: 85 Length: 1 Format: unpacked numeric	Description: If used, this field will contain a 0 (zero).
Transaction Count Positions: 86-100 Length: 15 Format: unpacked numeric	Description: The total count of all transactions in the file excluding file header and trailer records.
Settlement Amount Positions: 101-115 Length: 15 Format: unpacked numeric	Description: The daily net amount resulting from Clearing. This amount includes Transaction and Fee Collection Transaction totals, expressed in a Member's Settlement Currency. May be a debit or credit. Two decimals implied. This field will contain zeros if it is a nonmonetary transaction.
Transaction Code Being Summarized Positions: 116-117 Length: 2 Format: unpacked numeric	Description: The two-digit BASE II transaction code for the batch being summarized. Zeros in this field or at the end of TCRs indicate the end of the information for the key.
Transaction Code Qualifier Positions: 118 Length: 1 Format: unpacked numeric	Description: If used, this field will contain a 0 (zero).
Transaction Count Positions: 119-133 Length: 15 Format: unpacked numeric	Description: The total count of all transactions in the file excluding file header and trailer records.

Collection Batch Acknowledgment Edit Criteria

Settlement Amount Positions: 134-148 Length: 15 Format: unpacked numeric	Description: The daily net amount resulting from Clearing. This amount includes Transaction and Fee Collection Transaction totals, expressed in a Member's Settlement Currency. May be a debit or credit. Two decimals implied. This field will contain zeros if it is a nonmonetary transaction.
Reserved Positions: 149-168 Length: 20 Format: unpacked numeric	Description: This field is reserved for future use. EP will always space-fill.

Chapter 18

45 General Delivery Report Transactions

TC 45 - General Delivery Report Transactions

The General Delivery Report transaction (TC 45) contains member report data for the destination center.

TCR 0

CTF - Incoming Interchange

These TC 45 Direct Debit Reports are available:

- Direct Debit Reconciliation Activity
- Direct Debit Reconciliation Exceptions
- Direct Debit Settlement Position

See *V.I.P. Technical Specifications*.

TC 45 - TCR 0

These tables contain the General Delivery Report (TC 45) record layout and edit criteria for TCR 0.

CTF - Incoming Interchange

General Delivery Report Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-148	132	AN	Report Text
149	1	AN	Reserved
150-159	10	AN	Report Identifier
160	1	UN	Report Day Sequence Number
161-167	7	UN	Report Line Sequence Number

General Delivery Report Record Layout

Position	Field Length	Format	Contents
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

General Delivery Report Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain 45 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field will contain a 0 (zero).
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which a BASE II transaction message is sent. This field will contain a valid acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which this BASE II transaction message was sent.
Report Text Positions: 17-148 Length: 132 Format: alphanumeric	Description: This field contains the text for the report. The first position of this field will contain a space , a 0 (zero), a dash (-), or 1 . The first character of text in report-generation transactions is an ANSI carriage control character.

General Delivery Report Edit Criteria

Reserved Positions: 149 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Report Identifier Positions: 150-159 Length: 10 Format: alphanumeric	Description: The identifying number of the report transmitted in this transaction. The Report number is left-justified and space-filled.
Report Day Sequence Number Positions: 160 Length: 1 Format: unpacked numeric	Description: This digit is the last digit of the Julian date on which the report was created.
Report Line Sequence Number Positions: 161-167 Length: 7 Format: unpacked numeric	Description: The report line number used to ensure that the report comes out in the sequence in which it was generated.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

Chapter 19

TC 46 Member Settlement Data Transactions

TC 46 - Member Settlement Data Transactions

The Member Settlement Data transaction (TC 46) is used to transmit machine-readable settlement data.

TCR 0

CTF - Incoming Interchange



For TC 46 layouts, please see *VisaNet Settlement Service (VSS) User's Guide, Volume 2 Reports*.

Chapter 20

47 Report Generation Record Transactions

TC 47 - Report Generation Record Transactions

The Report Generation Records (TC 47) are used to transmit a report of authorization processing activity by a VIC to the acquirer center through the Interchange Transaction File. This is a 170-byte record.

TCR 0

ITF - Incoming Interchange

TC 47 - TCR 0

These tables contain the Report Generation Record (TC 47) record layout and edit criteria for TCR 0.

ITF - Incoming Interchange

Report Generation Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5	1	UN	Transaction Code Qualifier
6	1	UN	Transaction Component Sequence Number
7-12	6	UN	Destination Identifier
13-18	6	UN	Source Identifier
19-149	131	UN	Text
150-169	20	AN	Reserved
170	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Report Generation Record Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain 47 .
Record Hash Total Positions: 3-4 Length: 2 Format: Binary	Description: Used in BASE II to ensure that the collection and delivery file data have been correctly transmitted. This field is space-filled for computers not generating hash totals.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: This field will contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 6 Length: 1 Format: unpacked numeric	Description: This field will contain a 0 (zero).
Destination Identifier Positions: 7-12 Length: 6 Format: unpacked numeric	Description: This field will contain a valid acquiring or issuing identifier.
Source Identifier Positions: 13-18 Length: 6 Format: unpacked numeric	Description: This field will contain zeroes.
Text Positions: 19-149 Length: 131 Format: unpacked numeric	Description: The text in Report Generation Records (TC 47s) used to transmit a report of authorization processing activity by a VIC to the acquirer center through the Interchange transaction File. The first position of this field must be a space , 0 (zero), - (dash), or 1 . The first character of the text in report-generation transactions is an ANSI carriage control character.

Report Generation Record Edit Criteria

Reserved Positions: 150-169 Length: 20 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Reimbursement Attribute Positions: 170 Length: Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

Chapter 21

48 BASE I Advice Record Transactions

TC 48 - BASE I Advice Record Transactions

The BASE I Advice Records (TC 48) are used to transmit a report of authorization processing activity by a VIC to the issuer center through the Interchange Transaction File. There are two formats for TC 48 records. The format for a particular record is indicated by a 0 (Standard) or a 1 (ISO-Enriched) in the Format Code field.

TCR 0, 1, 2, 3, 6, 7

CTF - Incoming Interchange

TC 48 - TCR 0 Format 0 (Standard)

These tables contain the BASE I Advice Record (TC 48) record layout and edit criteria for TCR 0 - FORMAT 0 (STANDARD).

CTF - Incoming Interchange

BASE I Advice-Format 0 (Standard) Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	AN	Destination Identifier
11-16	6	UN	Source Identifier
17	1	UN	Format Code
18-25	8	AN	Constant Identifier
26	1	AN	Reserved
27-42	16	UN	Account Number
43-48	6	AN	Reserved
49-50	2	AN	Reserved
51-52	2	AN	Response Code
53-54	2	AN	Reserved
55-58	4	UN	Transaction Date (MMDD)

BASE I Advice-Format 0 (Standard) Record Layout

Position	Field Length	Format	Contents
59-60	2	AN	Reserved
61-64	4	UN	Transaction Time (HHMM)
65-66	2	AN	Reserved
67-74	8	AN	Transaction Amount
75-76	2	AN	Reserved
77-80	4	UN	Inquiring Center
81-82	2	AN	Reserved
83-87	5	AN	Authorization Code
88-89	2	AN	Reserved
90-92	3	AN	BASE I Transaction Code and Merchant Terminal Indicator
93-94	2	AN	Reserved
95	1	AN	Stand-In Reason Code
96-100	5	AN	Reserved
101	1	AN	CRIS Alert Type
102-106	5	AN	CRIS Account Score
107-110	4	UN	Network Identification Code
111-167	57	AN	Reserved
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

BASE I Advice-Format 0 (Standard) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain 48 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.

BASE I Advice-Format 0 (Standard) Edit Criteria

Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field will contain a 0 (zero).
Destination Identifier Positions: 5-10 Length: 6 Format: alphanumeric	Description: The entity to which a BASE II transaction message is sent. This field will contain a valid acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which this BASE II transaction message was sent. This field will contain a valid acquiring or issuing identifier.
Format Code Positions: 17 Length: 1 Format: unpacked numeric	Description: Indicates the format of this record. The field will contain a 0 (zero), which represents Standard format.
Constant Identifier Positions: 18-25 Length: 8 Format: alphanumeric	Description: A constant value identifying the type of advice. The Constant Identifier is EV*****
Reserved Positions: 26 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Account Number Positions: 27-42 Length: 16 Format: unpacked numeric	Description: An account number is a primary cardholder account number that is either: <ul style="list-style-type: none">• Embossed and encoded on a Visa Card or• Encoded on an Electron Card, a Proprietary Card bearing the PLUS Symbol, or a card bearing the Visa Electron Symbol. The field must be zero-filled to the right of an account number that is less than 16-digits in length. This field must have a valid check digit.
Reserved Positions: 43-48 Length: 6 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

BASE I Advice-Format 0 (Standard) Edit Criteria

Reserved Positions: 49-50 Length: 2 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Response Code Positions: 51-52 Length: 2 Format: alphanumeric	Description: A two-digit field indicating the response to the Authorization Request. The values for the Response Code are: <ul style="list-style-type: none"> • 00 Approval • 01 Referral; call Issuer for instructions An entry of NS indicates an error in the Enhanced Authorization Response (EAR) file update process.
Reserved Positions: 53-54 Length: 2 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Transaction Date Positions: 55-58 Length: 4 Format: unpacked numeric	Description: The date on which a transaction between a cardholder and a merchant, an acquirer, or a carrier, occurs. This field will contain the date in the MMDD (month and day) format.
Reserved Positions: 59-60 Length: 2 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Transaction Time Positions: 61-64 Length: 4 Format: unpacked numeric	Description: The time at which a transaction between a cardholder and a merchant, an acquirer, or a carrier occurs. The format for this field is HHMM (hour and minutes).
Reserved Positions: 65-66 Length: 2 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Transaction Amount Positions: 67-74 Length: 8 Format: alphanumeric	Description: The total amount of the transaction between a cardholder and a merchant, or between a cardholder and a member. The Transaction Amount is in whole U.S. dollars (no decimals) and is right-justified.

BASE I Advice-Format 0 (Standard) Edit Criteria

Reserved Positions: 75-76 Length: 2 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Inquiring Center Positions: 77-80 Length: 4 Format: unpacked numeric	Description: The center making the inquiry.
Reserved Positions: 81-82 Length: 2 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Authorization Code Positions: 83-87 Length: 5 Format: alphanumeric	Description: Code that an issuer, its authorizing processor, or stand-in processor provides to indicate approval of a transaction. Code is returned in the authorization response. The Authorization Code from TCR 0 of the transaction.
Reserved Positions: 88-89 Length: 2 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
BASE I Transaction Code and Merchant Terminal Indicator Positions: 90-92 Length: 3 Format: alphanumeric	Description: The transaction code originally used for the authorization and the merchant's terminal indicator.
Reserved Positions: 93-94 Length: 2 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Stand-In Reason Code Positions: 95 Length: 1 Format: alphanumeric	Description: Code indicating the Reason why Stand-In processing occurred. The valid values are 0 through 5 . (Please refer to the V.I.P. System Technical Reference manuals for a description of these STIP codes.)

BASE I Advice-Format 0 (Standard) Edit Criteria

Reserved Positions: 96-100 Length: 5 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
CRIS Alert Type Positions: 101 Length: 1 Format: alphanumeric	Description: This field is obsolete and must be spaces.
CRIS Account Score Positions: 102-106 Length: 5 Format: alphanumeric	Description: This field is obsolete and must be spaces.
Network Identification Code Positions: 107-110 Length: 4 Format: unpacked numeric	Description: This field will include the network identification code. Valid values are 0000-9999 . For transactions that do not contain network identification code, this field should contain all zeros.
Reserved Positions: 111-167 Length: 57 Format: alphanumeric	Description: This field will be space-filled by the Edit Package.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

TC 48 - TCR 0 Format 1 (ISO-Enriched)

These tables contain the BASE I Advice Record (TC 48) record layout and edit criteria for TCR 0 - FORMAT 1 (ISO-ENRICHED).

CTF - Incoming Interchange

BASE I Advice-Format 1 (ISO-Enriched) Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17	1	UN	Format Code
18-45	28	AN	Account Number
46-47	2	AN	Response Code
48-53	6	AN	Authorization Code
54	1	AN	Stand-In Response Code
55	1	AN	Address Verification Service Reason Code
56-65	10	UN	Transmission Date and Time (MMDDHHMMSS)
66-77	12	UN	Transaction Amount
78-80	3	UN	Cardholder Billing Currency Code
81-83	3	UN	Transaction Currency Code
84-91	8	AN	Cardholder Billing Conversion Rate
92-95	4	UN	Expiration Date (YYMM)
96-106	11	UN	Acquiring Institution ID
107-109	3	UN	Acquiring Institution Country Code
110-113	4	AN	Message Type
114-117	4	UN	Processing Code
118-119	2	UN	POS Condition Code
120-123	4	UN	Merchant Type
124-125	2	UN	POS Entry Mode
126-129	4	AN	POS Entry Capability
130-137	8	AN	Card Acceptor Terminal ID
138-152	15	AN	Card Acceptor ID
153-164	12	UN	Retrieval Reference Number
165-166	2	AN	Payment Indicator

BASE I Advice-Format 1 (ISO-Enriched) Record Layout

Position	Field Length	Format	Contents
167	1	AN	Reserved
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

BASE I Advice-Format 1 (ISO-Enriched) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain 48 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain a 0 (zero).
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field will contain a 0 (zero).
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which a BASE II transaction message is sent. This field will contain a valid acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which this BASE II transaction message was sent. This field will contain a valid acquiring or issuing identifier.
Format Code Positions: 17 Length: 1 Format: unpacked numeric	Description: Indicates the format of this record. The entry will contain a 1 , which represents the enriched (ISO) format.

BASE I Advice-Format 1 (ISO-Enriched) Edit Criteria

Account Number Positions: 18-45 Length: 28 Format: alphanumeric	Description: An account number is a primary cardholder account number that is either: <ul style="list-style-type: none">• Embossed and encoded on a Visa Card or• Encoded on an Electron Card, a Proprietary Card bearing the PLUS Symbol, or a card bearing the Visa Electron Symbol. It must be a 16-digit number and must contain a valid number from the BASE II ARDEF. The field must be zero-filled to the right of an account number that is less than 16-digits in length. This field must have a valid check digit. The ISO fields are 2, 34, 102, and 103.
Response Code Positions: 46-47 Length: 2 Format: alphanumeric	Description: Code that an issuer, its authorizing processor, or stand-in processor provides to indicate approval of a transaction. A two-digit field indicating the response to the Authorization Request. The values for the Response Code are: <ul style="list-style-type: none">• 00 Approval• 01 Referral; call Issuer for instructions The ISO field is 39.
Authorization Code Positions: 48-53 Length: 6 Format: alphanumeric	Description: Code provided by the issuer when a transaction is approved or a "no reason to decline" code provided for successful verifications. Note: A STIP authorization code is derived from the retrieval reference number, account number, date, and time, and the algorithm can generate 99,999 unique combinations. It is therefore possible to receive identical authorization numbers for different transactions. The ISO field is 38.
Stand-In Response Code Positions: 54 Length: 1 Format: alphanumeric	Description: Code indicating the reason why stand-In processing (STIP) occurred. The valid values are O through S . (Refer to the V.I.P. Systems Technical Reference Manuals for a description of the STIP codes.) The ISO field is 44, byte 1.
Address Verification Service Reason Code Positions: 55 Length: 1 Format: alphanumeric	Description: Code indicating the Reason for the AVS Request. The ISO field is 44, byte 2.

BASE I Advice-Format 1 (ISO-Enriched) Edit Criteria

Transmission Date and Time Positions: 56-65 Length: 10 Format: unpacked numeric	<p>Description: Contains the date and time the request or advice was submitted to VisaNet. The date and time must be in mmdd format. GMT (Greenwich mean time) can be used.</p> <p>Transmission date and time is a key data element used to match a response to its request or advice. This field indicates when a transaction entered the network. The sender of a transaction enters a new date and time with each request. The receiving member saves the field and returns it in the response message.</p> <p>This field is used in every message generated by acquirers and issuers and is present in every message generated by VisaNet.</p> <p>The format will be MMDDHHMMSS (month, day, hour, minute, second).</p> <p>The ISO field is 7.</p>
Transaction Amount Positions: 66-77 Length: 12 Format: unpacked numeric	<p>Description: The total transaction amount between a cardholder and a merchant, or between a cardholder and a member. The transaction amount includes the actual amount of the purchase plus state (or other) taxes.</p> <p>The ISO field is 6 or 4, depending on the Issuer's VIP multicurrency participation option.</p>
Cardholder Billing Currency Code Positions: 78-80 Length: 3 Format: unpacked numeric	<p>Description: Numeric code that identifies the currency used by the issuer to bill the cardholder's account.</p> <p>The ISO field is 51.</p>
Transaction Currency Code Positions: 81-83 Length: 3 Format: unpacked numeric	<p>Description: Code that identifies the currency of the amount field(s).</p> <p>When the "Cardholder Billing Currency Code" field is not present, this field contains the currency of the amount specified in the "Transaction Amount" field.</p> <p>The ISO field is 49.</p>
Cardholder Billing Conversion Rate Positions: 84-91 Length: 8 Format: alphanumeric	<p>Description: Contains the rate used by Visa to convert the transaction amount to cardholder billing amount. The value is the conversion rate plus the Visa conversion charge, plus or minus any optional issuer fee. The optional issuer fee, expressed as a percentage, may be positive or negative; that is, the transaction amount multiplied by this rate equals the cardholder billing amount.</p> <p>Note: Visa uses either a buy rate or a sell rate for currency conversion, depending on the message type and the exchange direction. Visa uses both U.S. dollar-based buy/sell rate pairs and buy/sell rate pairs of currencies other than the U.S. dollar. For more information, refer to the Multicurrency Service description in the V.I.P. System Services manual.</p> <p>The ISO field is 10.</p>

BASE I Advice-Format 1 (ISO-Enriched) Edit Criteria

Expiration Date Positions: 92-95 Length: 4 Format: unpacked numeric	Description: The expiration date of this record in Julian format (YYYYDDD). This field will contain 9999365 if the record does not expire. The format of this field will be YYMM (year, month). The ISO field is 14.
Acquiring Institution ID Positions: 96-106 Length: 11 Format: alphanumeric	Description: This code identifies the financial institution acting as the acquirer of a customer transaction. The acquirer is the member or system user that signed the merchant or ADM or dispensed cash. This number is usually a Visa-assigned identifier. When a processing center operates for multiple acquirers, this code is for the individual member or system user, not a code for the center. Codes other than Visa identifiers can be supported; for example, this ID may be a routing and transit number that complies with the ISO 7812 standard. The ISO field is 32.
Acquiring Institution Country Code Positions: 107-109 Length: 3 Format: unpacked numeric	Description: Code identifying the country where the acquirer is located. The ISO field is 19.
Message Type Positions: 110-113 Length: 4 Format: alphanumeric	Description: Number that identifies the type of VIP message.
Processing Code Positions: 114-117 Length: 4 Format: unpacked numeric	Description: Code used to identify the type of transaction (positions 1 and 2) and, if applicable, the type of account affected (positions 3 and 4). The ISO field is 3 (positions 1-4).
POS Condition Code Positions: 118-119 Length: 2 Format: unpacked numeric	Description: Code identifying transaction conditions at the point of sale or point of service, thus, in many cases, identify a type of original or subsequent transactions. This field is used in all customer transaction-related messages. In several message types that may follow an original transaction (including CRS), this field contains the code that identifies the type of processing being done. The ISO field is 25.

BASE I Advice-Format 1 (ISO-Enriched) Edit Criteria

Merchant Type Positions: 120-123 Length: 4 Format: unpacked numeric	Description: Code describing the merchant's type of business product or service, also known as the merchant category code (MCC). These codes are based on the <i>Merchant Classification Code Guideline</i> available from the Bank Card Division of the ABA. Valid codes are listed in the <i>Visa Core Rules and Visa Product and Service Rules</i> , as amended by additions and changes published in <i>VisaNet Business Enhancements</i> and in <i>Technical Letters</i> for members. This field must be numeric. The ISO field is 18.
POS Entry Mode Positions: 124-125 Length: 2 Format: unpacked numeric	Description: A V.I.P. System field indicating the method by which a point-of-transaction terminal obtains and transmits the cardholder information necessary to complete a transaction. When the POS Entry Mode is 90, this field contains positions 1 and 3 of ISO field 22. In all other cases, this field contains positions 2 and 3 of ISO field 22.
POS Entry Capability Positions: 126-129 Length: 4 Format: alphanumeric	Description: Point-of-sale entry capability. The ISO field is 60 (positions 1, 2, 5, and 6).
Card Acceptor Terminal ID Positions: 130-137 Length: 8 Format: alphanumeric	Description: Contains a code that identifies a terminal at the card acceptor location, by itself or in conjunction with the Card Acceptor Identification Code. This field is used in all messages related to a customer transaction. If this field is present in a request, it must be preserved and returned in the response. The ISO field is 41.
Card Acceptor ID Positions: 138-152 Length: 15 Format: alphanumeric	Description: Code that identifies the card acceptor. The ISO field is 42.
Retrieval Reference Number Positions: 153-164 Length: 12 Format: unpacked numeric	Description: Contains a number that is used with other data elements as a key to identify and track all messages related to a given cardholder transaction, that is, to a given transaction set. These sets are: <ul style="list-style-type: none">• Authorization• Purchase• Merchandise return• Cash disbursement (manual cash) The ISO field is 37.

BASE I Advice-Format 1 (ISO-Enriched) Edit Criteria

Payment Indicator Positions: 165-166 Length: 2 Format: alphanumeric	Description: This U.S.-only field contains a code indicating the type of goods purchased over the Internet. The ISO field is 60 (positions 9 and 10).
Reserved Positions: 167 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

TC 48 - TCR 0 Format 2 (Chip Card Informational Advice)

These tables contain the BASE I Advice Record (TC 48) record layout and edit criteria for TCR 0 - FORMAT 2 (CHIP CARD INFORMATIONAL ADVICE).

CTF - Outgoing and Incoming Interchange

Chip Card Informational Advice Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	AN	Destination Identifier
11-16	6	UN	Source Identifier
17	1	UN	Format Code
18-45	28	AN	Account Number
46-47	2	AN	Authorization Response Code
48-59	12	UN	Destination Amount

Chip Card Informational Advice Record Layout

Position	Field Length	Format	Contents
60-62	3	UN	Destination Currency Code
63-74	12	UN	Source Amount
75-77	3	UN	Source Currency Code
78-79	2	UN	POS Entry Mode
80	1	AN	POS Terminal Capability
81-105	25	AN	Merchant Name
106-118	13	AN	Merchant City
119-121	3	AN	Merchant Country Code
122-126	5	UN	Merchant ZIP Code
127-130	4	UN	Network Identification Code
131-133	3	AN	Merchant State/Province Code
134-148	15	AN	Card Acceptor ID
149-156	8	AN	Terminal ID
157-160	4	UN	Merchant Category Code
161-167	7	AN	Reserved
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Chip Card Informational Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 48 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: The field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.

Chip Card Informational Advice Edit Criteria

Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 0 (zero).
Destination Identifier Positions: 5-10 Length: 6 Format: alphanumeric	Description: The entity to which a BASE II transaction message is sent. Outgoing: This field should contain spaces. Incoming: This field will contain a valid issuing identifier. If spaces are entered, the VIC inserts the destination identifier based on the account number.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which this BASE II transaction message was sent. Outgoing: This field must contain a valid acquiring identifier for sending transactions. Incoming: This field must contain 400050 .
Format Code Positions: 17 Length: 1 Format: unpacked numeric	Description: The entry must be either a 2 (chip card informational advice) or a 7 .
Account Number Positions: 18-45 Length: 28 Format: alphanumeric	Description: An account number is a primary cardholder account number that is either: <ul style="list-style-type: none">• Embossed and encoded on a Visa Card or• Encoded on an Electron Card, a Proprietary Card bearing the PLUS Symbol, or a card bearing the Visa Electron Symbol. This field must contain a valid account number (13-digit or 16-digit), left-justified and right-zero-filled.

Chip Card Informational Advice Edit Criteria

Authorization Response Code Positions: 46-47 Length: 2 Format: alphanumeric	Description: Code indicating issuer's reply to an Authorization Request. Authorization Responses include: <ul style="list-style-type: none">• Approval Response• Decline Response• Pickup Response• Referral Response For custom payment service credit vouchers and their reversals, this field must contain spaces. The field contains the authorization code provided by the issuer when a transaction is approved or a "no reason to decline" code provided for successful verifications. The entry must be two alphanumeric characters; spaces, A through Z, or 0 through 9 . For chip transactions that are processed offline, this field must contain the offline authorization code.
Destination Amount Positions: 48-59 Length: 12 Format: unpacked numeric	Description: Identifies the submitted transaction amount in the currency that is appropriate to the destination endpoint. Outgoing: The field must contain zeros. The VIC converts the Source Amount to the Destination Amount. Two decimals are implied. Incoming: The field will contain a numeric value.
Destination Currency Code Positions: 60-62 Length: 3 Format: unpacked numeric	Description: The currency type presented to the member on incoming transactions. For most transactions (that is, drafts), it is the billing currency. For other transactions (for example, fee collection, dispute financial), it is the settlement currency of the destination. Outgoing: The VIC inserts the Issuer Currency Code. The field must contain zeros. Incoming: The field will contain the ISO numeric code for the Issuer's billing currency.
Source Amount Positions: 63-74 Length: 12 Format: unpacked numeric	Description: Identifies the submitted transaction amount in the currency that is appropriate to the source endpoint. The entry must be numeric. Two decimal places are implied.
Source Currency Code Positions: 75-77 Length: 3 Format: unpacked numeric	Description: The currency type associated with the source amount of the transaction. The field must contain a valid ISO numeric currency code.

Chip Card Informational Advice Edit Criteria

POS Entry Mode Positions: 78-79 Length: 2 Format: unpacked numeric	Description: A V.I.P. system field indicating the method by which a point-of-transaction terminal obtains and transmits the cardholder information necessary to complete a transaction. When the POS Entry Mode is 90, this field contains positions 1 and 3 of ISO field 22. In all other cases, this field contains positions 2 and 3 of ISO field 22. This field must be spaces, 00 through 06, 10, 90, or 95 . Please see <i>BASE II Clearing Data Codes manual</i> for a list of valid codes.
POS Terminal Capability Positions: 80 Length: 1 Format: alphanumeric	Description: Indicates the capability of the point-of-sale terminal to obtain an authorization and process transaction data. The field must contain a space, 0 through 5, or 9 . See <i>Base II Clearing Data Codes manual</i> for a list of valid codes.
Merchant Name Positions: 81-105 Length: 25 Format: alphanumeric	Description: The merchant or member name (for cash disbursements) imprinted on the transaction receipt by the merchant's or member's imprinter plate. It should be the "doing business as" (DBA) name of the merchant or member and the one most recognizable to cardholders. The merchant name as shown in the original presentment must be included in all dispute financials, retrieval requests, and dispute response financials. The first position of this field cannot be a space. The field must be space-filled to the right.
Merchant City Positions: 106-118 Length: 13 Format: alphanumeric	Description: The name of the city where the transaction took place. The first position of this field cannot be a space. The field must be space-filled to the right.
Merchant Country Code Positions: 119-121 Length: 3 Format: alphanumeric	Description: Identifies the country code of the merchant location where the transaction took place. The entry must be a valid BASE II code. The first two characters must be the alpha country code. The third character must be a space.
Merchant ZIP Code Positions: 122-126 Length: 5 Format: alphanumeric	Description: Identifies the ZIP code of the merchant location where the transaction took place. This field must be numeric. It may be zeros.
Network Identification Code Positions: 127-130 Length: 4 Format: alphanumeric	This field will include the network identification code. Valid values are 0000-9999 . For transactions that do not contain network identification code, this field should contain all zeros.

Chip Card Informational Advice Edit Criteria

Merchant State/Province Code Positions: 131-133 Length: 3 Format: alphanumeric	Description: Code designating merchant's state or province code. If the Merchant Country Code is US or CA , this field must contain a valid U.S. State Code or Canadian Province Code, respectively. Otherwise it must contain spaces.
Card Acceptor ID Positions: 134-148 Length: 15 Format: alphanumeric	Description: The identifier of the card acceptor operating the point-of-sale or point-of-service terminal or at the ATM in local and in interchange environments. Depending on the acquirer or merchant billing and reporting requirements, the acquirer-assigned code can represent a merchant, a specific merchant location, or a specific merchant location terminal. This field must contain alphanumeric values.
Terminal ID Positions: 149-156 Length: 8 Format: alphanumeric	Description: Code identifying the card acceptor terminal or ATM. For electronic point-of-sale or point-of-service (POS) terminals, when the ID is not unique to a specific terminal, Card Acceptor Identification Code can be used along with this field. This field must contain alphanumeric values.
Merchant Category Code Positions: 157-160 Length: 4 Format: unpacked numeric	Description: A code designating the principal trade, profession, or line of business in which a merchant is engaged. This field must contain a valid Merchant Category Code (MCC). Please see <i>Visa Core Rules and Visa Product and Service Rules</i> for valid codes.
Reserved Positions: 161-167 Length: 7 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

TC 48 - TCR 1 ISO-Enriched

These tables contain the BASE I Advice Record (TC 48) record layout and edit criteria for TCR 1 - ISO-ENRICHED.

CTF - Incoming Interchange

BASE I Advice-ISO-Enriched Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	AN	CVV2 Authorization Request Data
11	1	AN	CVV2 Result Code
12-15	4	UN	Network Identification Code
16	1	AN	Reserved
17-20	4	UN	Original Message Type
21-27	7	AN	Reserved
28-33	6	UN	Trace Audit Number
34-73	40	AN	Card Acceptor Name/Location
74-87	14	AN	National POS Geographic Data
88-99	12	UN	Amount, Issuer
100-112	13	AN	Reserved
113-141	29	AN	Address Verification Data
142-152	11	UN	Forwarding Institution ID
153-155	3	UN	Forwarding Institution Country Code
156-159	4	AN	File Update Error Code
160-161	2	AN	PACM Diversion Level
162	1	AN	PACM Diversion Reason
163	1	AN	Chip Condition Code
164	1	AN	CVV Results Code
165-168	4	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

BASE I Advice-ISO-Enriched Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain 48 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: The field contains the Transaction Code qualifier of the item being returned. This field will contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field contains the Transaction Component Sequence Number of the item being returned. This field will contain a 1 .
CVV2 Authorization Request Data Positions: 5-10 Length: 6 Format: alphanumeric	Description: Contains CVV2 data for the card-not-present CVV2 service. The Card Verification Value 2 (CVV2) Service is a card verification tool designed to reduce fraud losses on card-not-present and card-present transactions including manual key-entered transactions. Issuers must imprint a 3-digit security number (the CVV2) on the back of all new or reissued Visa cards. Members can use the CVV2 number to verify that a genuine Visa card is present during a transaction. The field will contain 48 .
CVV2 Result Code Positions: 11 Length: 1 Format: alphanumeric	Description: Contains a Card Verification Value 2 (CVV2) verification result for card-not-present transactions and also for card-present CVV2 verification-only requests. Values: M = CVV2 match N = CVV2 does not match P = Not processed S = CVV2 should be on the card, but the merchant has indicated CVV2 is not present U = Issuer not participating (not certified) The ISO field is 44.10.
Network Identification Code Positions: 12-15 Length: 4 Format: unpacked numeric	Description: This field will include the network identification code. Valid values are 0000-9999 . For transactions that do not contain network identification code, this field should contain all zeros.

BASE I Advice-ISO-Enriched Edit Criteria

Reserved Positions: 16 Length: 1 Format: alphanumeric	Description: This field will be space-filled by the Edit Package.
Original Message Type Positions: 17-20 Length: 4 Format: unpacked numeric	Description: The ISO field is 90. This field will be zero-filled except when the TC 48 transaction is for a reversal advice.
Reserved Positions: 21-27 Length: 7 Format: alphanumeric	Description: This field should contain zeros.
Trace Audit Number Positions: 28-33 Length: 6 Format: unpacked numeric	Description: A number assigned by the message initiator that uniquely identifies a cardholder transaction and all the message types (also known as system transactions) that it comprises, according to individual program rules. The trace number remains unchanged for all messages throughout the life of the transaction. For example, the same trace number is used in an authorization request and response, and in a subsequent reversal request and response, and in any advices of authorization or reversal. The trace number can be used to match a response to its request or to match a message to a given cardholder transaction set. The ISO field is 11.
Card Acceptor Name/Location Positions: 34-73 Length: 40 Format: alphanumeric	Description: Identifies the name and location of the merchant: <ul style="list-style-type: none">• Positions 1-25 contain the name of the merchant• Positions 26-38 contain the city name• Positions 39-40 contain the country code. This data is required for all transactions. The ISO field is 43.
National POS Geographic Data Positions: 74-87 Length: 14 Format: alphanumeric	Description: Identifies the location where the transaction occurred: <ul style="list-style-type: none">• The first two digits identify the state in which the transaction occurred.• The next three digits identify the county in which the transaction occurred.• The remaining positions contain either the five-digit or nine-digit U.S. Postal Service ZIP codes of the merchant location. The ISO field is 59.

BASE I Advice-ISO-Enriched Edit Criteria

Amount, Issuer Positions: 88-99 Length: 12 Format: unpacked numeric	Description: The issuer amount. The ISO field is 61. This field will contain two implied decimal places.
Reserved Positions: 100-112 Length: 13 Format: alphanumeric	Description: This field should contain spaces.
Address Verification Data Positions: 113-141 Length: 29 Format: alphanumeric	Description: A Visa-defined private-use field that contains selected portions of the cardholder's postal code and street address for verification. All merchants whose acquirers subscribe to the Visa Address Verification Service may request postal code and street address verification for a cardholder. The ISO field is 123.
Forwarding Institution ID Positions: 142-152 Length: 11 Format: unpacked numeric	Description: In an authorization request that contains a PIN, this field contains the acquiring identifier assigned to the entity associated with the Acquirer Working Key that was used to encrypt the PIN. This field is used only when the acquiring identifier associated with the Acquirer Working Key is different from the Acquiring Institution Identification Code. For ATM transactions without a PIN, (for example, reversals, adjustments, and so forth) this is a code that identifies the institution that forwards a request to VisaNet, that is, to the message originator. The ID code can be a Visa identifier, a prearranged institution ID, or a Plus PMC ID. The ISO field is 33.
Forwarding Institution Country Code Positions: 153-155 Length: 3 Format: unpacked numeric	Description: Contains a code that identifies the country of the forwarding institution in the Forwarding Institution ID. The ISO field is 21.
File Update Error Code Positions: 156-159 Length: 4 Format: alphanumeric	Description: If the file update is successful, this field contains spaces. Otherwise, the field contains a V.I.P. System file updating error code. The ISO field is 48 (usage 1a and 1b).

BASE I Advice-ISO-Enriched Edit Criteria

PACM Diversion Level Positions: 160-161 Length: 2 Format: alphanumeric	Description: Indicates the applicable diversion level when Positive Authorization Capacity Management (PACM) processing is used to route 0100 POS authorization requests or 0400 requests. PACM determines which transactions are processed in STIP and which are forwarded to available issuers. There are 21 PACM diversion levels, and each one indicates a specific dollar amount below which transactions are processed by STIP. Values: 0 = No Diversion 1 through 20 = Specific Diversion Level in effect Other transactions apply only when the card range is set up for PACM. PACM does not apply to cash disbursements, balance inquiries, status checks, and MOTO or e-commerce transactions. PACM also supports Mastercard transactions.
PACM Diversion Reason Positions: 162 Length: 1 Format: alphanumeric	Description: Why request was diverted to PACM.
Chip Condition Code Positions: 163 Length: 1 Format: alphanumeric	Description: Code provides information about magnetic stripe-read transactions of VSDC cards at VSDC ATMs ("fallback" transactions). It does not apply to VSDC transactions where the chip is read. Values: space or 0 = Unknown/not applicable 1 = Magnetic stripe service code begins with 2 or 6 , last transaction at the chip capable terminal was a successful chip read, or was not a chip transaction, or unknown 2 = Magnetic stripe service code begins with 2 or 6 , last transaction at the chip capable terminal was an unsuccessful chip read The ISO field is 60, position 3.

BASE I Advice-ISO-Enriched Edit Criteria

CVV Results Code Positions: 164 Length: 1 Format: alphanumeric	Description: Code indicating Card Verification Value (CVV) verification results. The field can also contain other verification results like iCVV or dCVV. When acquired as a contactless transaction, the field may contain the Card Authentication Method (CAM) results. Values: 1 = The CVV or iCVV verification failed 2 = The CVV or iCVV passed verification Blank = The CVV or iCVV was not verified This ISO field is 44.5.
Reserved Positions: 165-168 Length: 4 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 48 - TCR 2 ISO-Enriched

These tables contain the BASE I Advice Record (TC 48) record layout and edit criteria for TCR 2 - ISO-ENRICHED.

CTF - Incoming Interchange

BASE I Advice-ISO-Enriched Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-16	12	AN	Reserved
17-27	11	UN	Receiving Institution ID
28-30	3	UN	Receiving Institution Country Code
31-41	11	UN	Issuing Institution ID
42-44	3	UN	Issuing Institution Country Code
45-59	15	UN	Transaction Identifier
60	1	AN	Authorization Characteristics Indicator
61	1	AN	Market-Specific Authorization Data Indicator

BASE I Advice-ISO-Enriched Record Layout

Position	Field Length	Format	Contents
62-63	2	UN	Duration
64	1	AN	Reserved
65-73	9	UN	Cashback
74-85	12	UN	Replacement Amount
86-88	3	AN	Reserved
89	1	AN	CRIS Alert Type
90-94	5	AN	CRIS Account Score
96-168	74	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

BASE I Advice-ISO-Enriched Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain a 48 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field will contain a 2 .
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

BASE I Advice-ISO-Enriched Edit Criteria

Receiving Institution ID Positions: 17-27 Length: 11 Format: unpacked numeric	Description: This message routing field contains a code that identifies the institution which should receive a request or advice. This ID is used when it is not possible to route a message using the account number field in the message. The routing information in this field supersedes routing information in all other account number fields. The ISO field is 100.
Receiving Institution Country Code Positions: 28-30 Length: 3 Format: unpacked numeric	Description: Contains the code for the country of the receiving institution in the Receiving Institution ID field. Country codes are listed in the <i>Base II Clearing Data Codes</i> guide. The ISO field is 68.
Issuing Institution ID Positions: 31-41 Length: 11 Format: unpacked numeric	Description: Contains a code identifying the issuer when the issuer cannot be determined from the message's account number. The ISO field is 121.
Issuing Institution Country Code Positions: 42-44 Length: 3 Format: unpacked numeric	Description: Contains a code that identifies the country of the institution that issued the card. The ISO field is 20.
Transaction Identifier Positions: 45-59 Length: 15 Format: unpacked numeric	Description: A unique value that Visa assigns to each transaction and returns to the acquirer in the authorization response. Visa uses this value to maintain an audit trail throughout the life cycle of the transaction and all related transactions, such as reversals, adjustments, confirmations, and dispute financials. The ISO field number is 62.2.
Authorization Characteristics Indicator Positions: 60 Length: 1 Format: alphanumeric	Description: A code used by the acquirer to request CPS qualification. If applicable, the code is changed by V.I.P. to reflect the results of V.I.P.'s CPS evaluation of the request. The ISO field number is 62.1.
Market-Specific Authorization Data Indicator Positions: 61 Length: 1 Format: alphanumeric	Description: Identifies the industry for which market-specific data has been provided in other ISO field 62 subfields; however, the use of this subfield is not confined to CPS. Except where noted, the subfield is used only in authorization requests and responses. This subfield is required on all initial CPS/Hotel or Auto Rental 0100 authorization requests and their responses to the acquirer. It is also required in U.S. bill payment transactions and auto-substantiation requests destined for U.S. issuers. The ISO field number is 62.4.

BASE I Advice-ISO-Enriched Edit Criteria

Duration Positions: 62-63 Length: Length: 2 Format: unpacked numeric	Description: Indicates the number of days (from 01 through 99) anticipated for the auto rental or hotel stay. For auto rental prepaids and hotel deposits, the value reflects the number of days covered by the advance payment. This subfield is used only in authorization requests. The ISO field number is 62.5.
Reserved Positions: 64 Length: 1 Format: alphanumeric	Description: This field will be space-filled.
Cashback Positions: 65-73 Length: 9 Format: unpacked numeric	Description: In outgoing and incoming requests and advices related to a Visa or Visa Electron purchase transaction, this field contains the cashback amount, if any, expressed in the acquirer transaction currency. The ISO field number is 61.1.
Replacement Amount Positions: 74-85 Length: 12 Format: unpacked numeric	Description: Contains the corrected amount of a transaction in a partial reversal. The ISO field number is 95, positions 1-12.
Reserved Positions: 86-88 Length: 3 Format: alphanumeric	Description: This field will contain spaces.
CRIS Alert Type Positions: 89 Length: 1 Format: alphanumeric	Description: This field is obsolete and must be spaces.
CRIS Account Score Positions: 90-94 Length: 5 Format: alphanumeric	Description: This field is obsolete and must be spaces.
Reserved Positions: 96-168 Length: 74 Format: alphanumeric	Description: This field will contain spaces.

TC 48 - TCR 3 ISO-Enriched

These tables contain the BASE I Advice Record (TC 48) record layout and edit criteria for TCR 3 - ISO-ENRICHED.

CTF - Incoming Interchange

BASE I Advice-ISO-Enriched Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5	1	UN	Field Identifier
6-7	2	UN	Field Sub-Identifier
8-15	8	UN	Activity From (MMDDCCYY)
16-23	8	UN	Activity To (MMDDCCYY)
24-27	4	UN	Issuer Account Score Threshold
28-31	4	UN	Issuer Consolidated Score Threshold
32-35	4	UN	Account Score
36-39	4	UN	Consolidated Score
40-47	8	UN	Account Alert Date (MMDDCCYY)
48-55	8	UN	Consolidated Alert Date
56-63	8	UN	Last Account Alert Date
64-67	4	UN	Last Account Alert Score
68-75	8	UN	Last Consolidated Alert Date
76-79	4	UN	Last Consolidated Alert Score
80	1	AN	CRIS Cross-Alert Indicator
81-83	3	AN	Account Alert Type
84-86	3	UN	Account Reason Code 1
87-89	3	UN	Account Reason Code 2
90-92	3	UN	Account Reason Code 3

BASE I Advice-ISO-Enriched Record Layout

Position	Field Length	Format	Contents
93-95	3	UN	Account Reason Code 4
96-98	3	UN	Consolidated Alert Type
99-101	3	UN	Consolidated Reason Code 1
102-104	3	UN	Consolidated Reason Code 2
105-107	3	UN	Consolidated Reason Code 3
108-110	3	UN	Consolidated Reason Code 4
111-132	22	UN	Bankruptcy Risk Audit ID
133-142	10	UN	Sequence Number
143-146	4	UN	Network Management Information Code
147-168	22	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

BASE I Advice-ISO-Enriched Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain 48 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field will contain a 3 .
Field Identifier Positions: 5 Length: 1 Format: unpacked numeric	Description: The value for this entry will be B for Bankruptcy Risk Alerts. This value may incorporate other risk alert formats, depending on the Sub-Identifier value.

BASE I Advice-ISO-Enriched Edit Criteria

Field Sub-Identifier Positions: 6-7 Length: 2 Format: unpacked numeric	Description: In conjunction with the Field Identifier, indicates the format of the remainder of Field 48 for risk alerts.
Activity From Positions: 8-15 Length: 8 Format: unpacked numeric	Description: The U.S. Eastern Standard time (EST) date of the start of the period being reported. The format is MMDDCCYY , where: mm = 01-12 dd = 01-31 cc = 19 or 20 (cc: 19 = 20th century, 20 = 21st century) yy = 00-99
Activity To Positions: 16-23 Length: 8 Format: unpacked numeric	Description: The U.S. Eastern Standard Time date of the end of the period being reported in the format mmddccyy , where: mm = 01-12 dd = 01-31 cc = 19 or 20 (cc: 19 = 20th century, 20 = 21st century) yy = 00-99
Issuer Account Score Threshold Positions: 24-27 Length: 4 Format: unpacked numeric	Description: Issuer-defined reporting account score threshold.
Issuer Consolidated Score Threshold Positions: 28-31 Length: 4 Format: unpacked numeric	Description: Issuer-defined reporting consolidated score threshold.
Account Score Positions: 32-35 Length: 4 Format: unpacked numeric	Description: Represents the risk associated with an account becoming a bankruptcy loss to the issuer, as scored in the reporting period. If there was not a score generated for the reporting period, the value will be 0001 .
Consolidated Score Positions: 36-39 Length: 4 Format: unpacked numeric	Description: Represents the risk of all associated accounts linked by Customer ID becoming a bankruptcy loss to the issuer.

BASE I Advice-ISO-Enriched Edit Criteria

Account Alert Date Positions: 40-47 Length: 8 Format: unpacked numeric	Description: The date in the period being reported on which the account score first reached the score reported. Will be in MMDDCCYY format.
Consolidated Alert Date Positions: 48-55 Length: 8 Format: unpacked numeric	Description: The date in the period being reported on which the consolidated score first reached the score reported. Will be in MMDDCCYY format.
Last Account Alert Date Positions: 56-63 Length: 8 Format: unpacked numeric	Description: The date of the previous account alert for the account in MMDDCCYY format. If there was no previous account alert, the value will be zeros.
Last Account Alert Score Positions: 64-67 Length: 4 Format: unpacked numeric	Description: The account score which last met or was less than the Issuer Account Score Threshold. If there was no previous account alert, the value will be 0001 .
Last Consolidated Alert Date Positions: 68-75 Length: 8 Format: unpacked numeric	Description: The date of the previous consolidated alert for the account in MMDDCCYY format. If there was no previous consolidated alert, the value will be zeros.
Last Consolidated Alert Score Positions: 76-79 Length: 4 Format: unpacked numeric	Description: The consolidated score which last met or was less than the Issuer Consolidated Score Threshold. If there was no previous consolidated alert, the value will be 0001 .
CRIS Cross-Alert Indicator Positions: 80 Length: 1 Format: alphanumeric	Description: This field is not in use and will contain spaces.
Account Alert Type Positions: 81-83 Length: 3 Format: alphanumeric	Description: Provides information regarding the type of model and version used to produce the account score. Position 1 = Model version designator Position 2 = Major product designator Position 3 = Minor product designator

BASE I Advice-ISO-Enriched Edit Criteria

Account Reason Code 1 Positions: 84-86 Length: 3 Format: unpacked numeric	Description: A three-position code representing a significant reason why the account did not score higher.
Account Reason Code 2 Positions: 87-89 Length: 3 Format: unpacked numeric	Description: A three-position code representing a significant reason why the account did not score higher.
Account Reason Code 3 Positions: 90-92 Length: 3 Format: unpacked numeric	Description: A three-position code representing a significant reason why the account did not score higher.
Account Reason Code 4 Positions: 93-95 Length: 3 Format: unpacked numeric	Description: A three-position code representing a significant reason why the account did not score higher.
Consolidated Alert Type Positions: 96-98 Length: 3 Format: unpacked numeric	Description: Provides information regarding the type of model and version used to produce the consolidated score. Position 1 = Model version designator Position 2 = Major product designator Position 3 = Minor product designator
Consolidated Reason Code 1 Positions: 99-101 Length: 3 Format: unpacked numeric	Description: A three-position code representing a significant reason why the consolidated score was not higher.
Consolidated Reason Code 2 Positions: 102-104 Length: 3 Format: unpacked numeric	Description: A three-position code representing a significant reason why the consolidated score was not higher.
Consolidated Reason Code 3 Positions: 105-107 Length: 3 Format: unpacked numeric	Description: A three-position code representing a significant reason why the consolidated score was not higher.

BASE I Advice-ISO-Enriched Edit Criteria

Consolidated Reason Code 4 Positions: 108-110 Length: 3 Format: unpacked numeric	Description: A three-position code representing a significant reason why the consolidated score was not higher.
Bankruptcy Risk Audit ID Positions: 111-132 Length: 22 Format: unpacked numeric	Description: Provides information for bankruptcy risk audit. Positions 1-2 = Service ID Positions 3-6 = Group Number Positions 7-14 = Cycle Date Positions 15-16 = Cycle Number Positions 17-22 = Audit Number
Sequence Number Positions: 133-142 Length: 10 Format: unpacked numeric	Description: Value used to identify records for a customer within the file/report.
Network Management Information Code Positions: 143-146 Length: 4 Format: unpacked numeric	Description: This field must be 0173 to identify this administrative advice as a Bankruptcy Risk alert message. This is populated by the V.I.P. application.
Reserved Positions: 147-168 Length: 22 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 48 - TCR 6 ISO-Enriched

These tables contain the BASE I Advice Record (TC 48) record layout and edit criteria for TCR 6 - ISO-ENRICHED.

CTF - Incoming Interchange

BASE I Advice-ISO-Enriched Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-20	16	DX	Authorization Response Cryptogram
21-22	2	DX	ARPC Response Code
23	1	AN	Reserved
24	1	AN	Card Authentication Results Code
25-36	12	UN	Cryptogram Amount
37-39	3	AN	Cryptogram Currency Code
40-48	9	UN	Cryptogram Cashback Amount
49-80	32	DX	Issuer Discretionary Data
81	1	DX	Card Authentication Reliability Indicator
82	1	DX	Chip Debit/Credit Transaction Indicator
83-168	86	AN	Reserved

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

BASE I Advice-ISO-Enriched Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain 48 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field will contain a 6 .

BASE I Advice-ISO-Enriched Edit Criteria

<p>Authorization Response Cryptogram</p> <p>Positions: 5-20</p> <p>Length: 16</p> <p>Format: displayable hexadecimal</p>	<p>Description: This VSDC field contains the authentication response cryptogram (ARPC) that is used by the card to perform Issuer Authentication for VIS transactions.</p> <p>This field will contain one of the following depending on the type of Chip card:</p> <p>VIS: Authorization Response Cryptogram</p> <p>CCD: Authorization Response Cryptogram bytes 1-4, Card Status Update, bytes 5-8</p> <p>Generic EMV Transport: Issuer Authentication Data, bytes 1-8</p> <p>The ISO field is 139.</p>
<p>ARPC Response Code</p> <p>Positions: 21-22</p> <p>Length: 2</p> <p>Format: displayable hexadecimal</p>	<p>Description: Contains the response code that is used by the card to perform issuer authentication.</p>
<p>Reserved</p> <p>Positions: 23</p> <p>Length: 1</p> <p>Format: alphanumeric</p>	<p>Description: This field is reserved for future use. EP will always space-fill.</p>
<p>Card Authentication Results Code</p> <p>Positions: 24</p> <p>Length: 1</p> <p>Format: alphanumeric</p>	<p>Description: This VSDC field that contains a Visa-defined code to indicate Card Authentication results. This field is available to Full Data Option participants only.</p> <p>The ISO field is 44.8.</p>
<p>Cryptogram Amount</p> <p>Positions: 25-36</p> <p>Length: 12</p> <p>Format: unpacked numeric</p>	<p>Description: The transaction amount used by the chip when calculating the cryptogram. it must contain right-justified numeric data with leading zeros.</p> <p>This field must be numeric. The ISO field is 147.</p>
<p>Cryptogram Currency Code</p> <p>Positions: 37-39</p> <p>Length: 3</p> <p>Format: alphanumeric</p>	<p>Description: This field is carried in VSDC transactions and contains the currency code used by the chip when calculating the cryptogram. A leading zero is required to pad the first unused half-byte of this field. The zero is filler and is not a part of the code.</p> <p>This field maps to ISO Field 55, Tag 5F2A-Transaction Currency Code.</p> <p>The ISO field is 148.</p>
<p>Cryptogram Cashback Amount</p> <p>Positions: 40-48</p> <p>Length: 9</p> <p>Format: unpacked numeric</p>	<p>Description: This field is carried in VSDC transaction and contains the cashback amount that the chip uses when calculating the cryptogram. If the transaction does not include cashback, this field can either not be sent or be sent zero filled.</p> <p>This field maps to ISO Field 55, Tag 9F03-Amount, Other.</p> <p>The ISO field is 149.</p>

BASE I Advice-ISO-Enriched Edit Criteria

Issuer Discretionary Data Positions: 49-80 Length: 32 Format: displayable hexadecimal	Description: This field contains the issuer discretionary portion of the Issuer Authentication Data (IAD) that is defined by the issuer on the card. Issuer Application Data, bytes 18-32.
Card Authentication Reliability Indicator Positions: 81 Length: 1 Format: displayable hexadecimal	Description: Provides additional information about the point of sale or point of service. This code can be set and sent in by the full VSDC data acquirer or set by V.I.P. when the acquirer or issuer is inactive for Card Authentication. The ISO field is 60.7.
Chip Debit/Credit Transaction Indicator Positions: 82 Length: 1 Format: displayable hexadecimal	Description: Indicates a VSDC transaction sent from a full data acquirer. For full VSDC transactions, this field is required in the following messages: <ul style="list-style-type: none">• 0100 and 0200 requests• 0120 and 0220 STIP advices• 0220 acquirer advices• 0220 BASE II advices• 0220 deferred clearing advices The ISO field is 60.6.
Reserved Positions: 83-168 Length: 86 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 48 - TCR 7 ISO-Enriched

These tables contain the BASE I Advice Record (TC 48) record layout and edit criteria for TCR 7 - ISO-ENRICHED.

CTF - Incoming Interchange

BASE I Advice-ISO-Enriched Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number

BASE I Advice-ISO-Enriched Record Layout

Position	Field Length	Format	Contents
5-6	2	AN	Transaction Type
7-9	3	UN	Card Sequence Number
10-15	6	UN	Terminal Transaction Date
16-21	6	DX	Terminal Capability Profile
22-24	3	UN	Terminal Country Code
25-32	8	AN	Terminal Serial Number
33-40	8	DX	Unpredictable Number
41-44	4	DX	Application Transaction Counter
45-48	4	DX	Application Interchange Profile
49-64	16	DX	Cryptogram
65-66	2	DX	Issuer Application Data, Byte 2
67-68	2	DX	Issuer Application Data, Byte 3
69-78	10	DX	Terminal Verification Results
79-86	8	DX	Issuer Application Data, Bytes 4-7
87-98	12	UN	Cryptogram Amount
99-100	2	DX	Issuer Application Data, Byte 8
101-116	16	DX	Issuer Application Data, Bytes 9-16
117-118	2	DX	Issuer Application Data, Byte 1
119-120	2	DX	Issuer Application Data, Byte 17
121-150	30	DX	Issuer Application Data, Bytes 18-32
151-158	8	DX	Form Factor Indicator
159-168	10	DX	Issuer Script 1 Results

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

BASE I Advice-ISO-Enriched Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain 48 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 7 .
Transaction Type Positions: 5-6 Length: 2 Format: alphanumeric	Description: This field is carried in VSDC transactions and indicates the type of financial transaction provided by the terminal. It usually corresponds to the first two digits of the Processing Code and is carried in the message to ensure that the issuer and the card are using the same value to compute the cryptogram. The ISO field is 144.
Card Sequence Number Positions: 7-9 Length: 3 Format: unpacked numeric	Description: Contains a number assigned to a specific card when two or more individual cards are associated with the same primary account number, thus enabling issuers to distinguish among different cards linked to the same account. The sequence number can also act as a tracking tool when reissuing cards. For example, the initial card is issued with sequence number one, and when it expires, the card can be reissued with sequence number two, and so on. Although not part of the cryptogram, the sequence number is used by the issuer or Visa to derive the Unique Derivation Key (UDK) from the Master Derivation Key (MDK) when performing Online Card Authentication. This field applies to VSDC full data transactions and Contactless Magnetic Stripe transactions. If the sequence number is present on the chip card, acquirers must include it without modification in requests to avoid a failed Online Card Authentication. If the card sequence number is not present on the chip card, the acquirer may either exclude the field entirely from the request message, or include it with all zeros. The ISO field is 23.

BASE I Advice-ISO-Enriched Edit Criteria

Terminal Transaction Date Positions: 10-15 Length: 6 Format: Format: unpacked numeric	Description: Contains the local date at the terminal on which the transaction was authorized. This field is used in the calculation of the cryptogram. The format is yyymmdd , where: yy = 00-99 mm = 01-12 dd = 01-31 This field maps to ISO Field 55, Tag 9A-Terminal Transaction Date. This field must be numeric. The ISO field is 146.
Terminal Capability Profile Positions: 16-21 Length: 6 Format: displayable hexadecimal	Description: This is a fixed-length Visa Smart Debit/Visa Smart Credit (VSDC) field, carried in VSDC transactions and indicates the card data input, the Cardholder Verification Method (CVM), and the security capabilities supported by the terminal. This field maps to ISO Field 55, Tag 9F33-Terminal Capabilities. The ISO field is 130.
Terminal Country Code Positions: 22-24 Length: 3 Format: unpacked numeric	Description: This field is carried in VSDC transactions and identifies the country where the merchant terminal is located. A leading zero is required to pad the first unused half-byte of this field. The zero is filler and is not part of the code. This field maps to Field 55, Tag 9F1A-Terminal Country Code. This field must be numeric. The ISO field is 145.
Terminal Serial Number Positions: 25-32 Length: 8 Format: alphanumeric	Description: This field is carried in VSDC transactions and contains a unique and permanent identification number of the chip terminal assigned by the manufacturer. It is used to track devices regardless of their location. This field maps to Field 55, Tag 9F1E-IFD Serial Number. This field must contain an alphanumeric value. The ISO field is 133.
Unpredictable Number Positions: 33-40 Length: 8 Format: displayable hexadecimal	Description: Contains the number used in the generation of the cryptogram for chip transactions. It provides variability and uniqueness to the cryptogram. This field maps to Field 55, Tag 9F37-Unpredictable Number. The ISO field is 132.
Application Transaction Counter Positions: 41-44 Length: 4 Format: displayable hexadecimal	Description: Contains a count of the transactions performed within the card application. The count increments by one each time a transaction is initiated. Multiple authorization requests for the same transaction will have the same ATC; for example, when online PIN fails and the next authorization represents a different PIN try for the same transaction, the ATC will be the same. For reversals and advices, the ATC is the value from the original message. The ISO field is 137.

BASE I Advice-ISO-Enriched Edit Criteria

Application Interchange Profile Positions: 45-48 Length: 4 Format: Format: displayable hexadecimal	Description: This Field is carried in VSDC transactions and provides a series of indicators that reflect the specific functions supported by the chip card account, for example, whether cardholder verification is supported. This field maps to ISO Field 55, Tag 82-Application Interchange Profile. The ISO field is 138.
Cryptogram Positions: 49-64 Length: 16 Format: displayable hexadecimal	Description: Contains the clearing cryptogram used to validate transaction processing in the event of a dispute. The ISO field is 136.
Issuer Application Data, Byte 2 Positions: 65-66 Length: 2 Format: displayable hexadecimal	Description: This field will contain one of the following depending on type of Chip card: VIS: Derivation Key Index CCD: Common Core Identifier Generic EMV Transport: Undefined Data The ISO field is 134.1.
Issuer Application Data, Byte 3 Positions: 67-68 Length: 2 Format: displayable hexadecimal	Description: This field will contain one of the following depending on type of Chip card: VIS: Cryptogram Version CCD: Derivation Key Index Generic EMV Transport: Undefined Data
Terminal Verification Results Positions: 69-78 Length: 10 Format: displayable hexadecimal	Description: A series of indicators from a terminal perspective. The terminal records the results of offline and online processing by setting a series of indicators in this field. These indicators are available to members in the online message and clearing transaction.
Issuer Application Data, Bytes 4-7 Positions: 79-86 Length: 8 Format: displayable hexadecimal	Description: This field will contain one of the following depending on type of Chip card: VIS & CCD: Card Verification Results Generic EMV Transport: Undefined Data
Cryptogram Amount Positions: 87-98 Length: 12 Format: unpacked numeric	Description: Contains the cryptogram amount when it differs from the authorized amount. This field must be numeric.

BASE I Advice-ISO-Enriched Edit Criteria

Issuer Application Data, Byte-8 Positions: 99-100 Length: 2 Format: display hexadecimal	Description: This field will contain one of the following depending on type of Chip card: VIS: Data could be present CCD: CVR Extension Generic EMV Transport: Undefined Data
Issuer Application Data, Bytes 9-16 Positions: 101-116 Length: 16 Format: display hexadecimal	Description: This field will contain one of the following depending on type of Chip card: VIS: Data could be present CCD: Counters Generic EMV Transport: Undefined Data
Issuer Application Data, Byte 1 Positions: 117-118 Length: 2 Format: display hexadecimal	Description: This field will contain one of the following depending on type of Chip card: VIS: Data could be present CCD: Length Indicator Generic EMV Transport: Undefined Data
Issuer Application Data, Byte 17 Positions: 119-120 Length: 2 Format: displayable hexadecimal	Description: This field will contain one of the following depending on type of Chip card: VIS: Data could be present CCD: Length Indicator Generic EMV Transport: Undefined Data
Issuer Application Data, Bytes 18-32 Positions: 121-150 Length: 30 Format: displayable hexadecimal	Description: This field will contain one of the following depending on type of Chip card: VIS: Data could be present CCD: Issuer Discretionary Data Generic EMV Transport: Undefined Data
Form Factor Indicator Positions: 151-158 Length: 8 Format: display hexadecimal	Description: This field is not in use and will contain spaces.
Issuer Script 1 Results Positions: 159-168 Length: 10 Format: displayable hexadecimal	Description: This field identifies the update command that the issuer sends in the authorization response to the card during online processing. With the command, the card updates the parameters and records the success or failure of the updates in the Issuer Script 1 Results field. This field contains indicators related to the attributes of the cardholder's device and the technology used for the communication between the cardholder's device and the acquiring device. This field must be display hexadecimal. The ISO field is 143.

TC 48 - TCR 7 Format 2 (Chip Card Information)

These tables contain the BASE I Advice Record (TC 48) record layout and edit criteria for TCR 7 - FORMAT 2 (CHIP CARD INFORMATION).

CTF - Outgoing and Incoming Interchange

Chip Card Informational Advice Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-6	2	AN	Transaction Type
7-9	3	UN	Card Sequence Number
10-15	6	UN	Terminal Transaction Date (YYMMDD)
16-21	6	DX	Terminal Capability Profile
22-24	3	UN	Terminal Country Code
25-32	8	AN	Terminal Serial Number
33-40	8	DX	Unpredictable Number
41-44	4	DX	Application Transaction Counter
45-48	4	DX	Application Interchange Profile
49-64	16	DX	Cryptogram
65-66	2	DX	Issuer Application Data, Byte 2
67-68	2	DX	Issuer Application Data, Byte 3
69-78	10	DX	Terminal Verification Results
79-86	8	DX	Issuer Application Data, Bytes 4-7
87-98	12	AN	Reserved
99-100	2	DX	Issuer Application Data, Byte 8
101-116	16	DX	Issuer Application Data, Bytes 9-16
117-118	2	DX	Issuer Application Data, Byte 1

Chip Card Informational Advice Record Layout

Position	Field Length	Format	Contents
119-120	2	DX	Issuer Application Data, Byte 17
121-150	30	DX	Issuer Application Data, Bytes 18-32
151-158	8	DX	Form Factor Indicator
159-168	10	DX	Issuer Script 1 Results

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Chip Card Informational Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 48 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: The field must contain a 0 (zero). This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 7 .

Chip Card Informational Advice Edit Criteria

<p>Transaction Type</p> <p>Positions: 5-6</p> <p>Length: 2</p> <p>Format: alphanumeric</p>	<p>Description: The type of transaction (purchase, adjustments, etc.) contained in this TCR.</p> <p>Values:</p> <p>00 = Goods or Service Purchase</p> <p>01 = Withdrawal/Cash Advance</p> <p>02 = Adjustment</p> <p>03 = Check Guarantee (funds guaranteed)</p> <p>11 = Quasi-Cash Transaction</p> <p>17 = Script</p> <p>19 = Fee Collection</p> <p>20 = Return (of goods)</p> <p>22 = Adjustment</p> <p>29 = Funds Disbursement</p> <p>30 = Available Funds Inquiry</p> <p>40 = Cardholder Account Transfer</p>
<p>Card Sequence Number</p> <p>Positions: 7-9</p> <p>Length: 3</p> <p>Format: unpacked numeric</p>	<p>Description: Contains a number assigned to a specific card when two or more individual cards are associated with the same primary account number, thus enabling issuers to distinguish among different cards linked to the same account. The sequence number can also act as a tracking tool when reissuing cards. For example, the initial card is issued with sequence number one, and when it expires, the card can be reissued with sequence number two, and so on. Although not part of the cryptogram, the sequence number is used by the issuer or Visa to derive the Unique Derivation Key (UDK) from the Master Derivation Key (MDK) while performing Online Card Authentication.</p> <p>This field applies to VSDC full data transactions and Contactless Magnetic Stripe transactions. If the sequence number is present on the chip card, acquirers must include it without modification in requests to avoid a failed Online Card Authentication. If the card sequence number is not present on the chip card, the acquirer may either exclude the field entirely from the request message, or include it with all zeros.</p> <p>This field must be numeric.</p>
<p>Terminal Transaction Date</p> <p>Positions: 10-15</p> <p>Length: 6</p> <p>Format: unpacked numeric</p>	<p>Description: Contains the local date at the terminal on which the transaction was authorized. This field is used in the calculation of the cryptogram. The format is yyymmdd, where:</p> <p>yy = 00-99</p> <p>mm = 01-12</p> <p>dd = 01-31</p> <p>This field maps to ISO Field 55, Tag 9A-Terminal Transaction Date.</p> <p>This field must be numeric.</p>

Chip Card Informational Advice Edit Criteria

Terminal Capability Profile Positions: 16-21 Length: 6 Format: displayable hexadecimal	Description: Indicates the card data input, the Cardholder Verification Method (CVM), and the security capabilities supported by the terminal. The field is not used in authentication processing. This field maps to ISO Field 55, Tag 9F33-Terminal Capabilities. VIC Edit: This field must be displayable hexadecimal.
Terminal Country Code Positions: 22-24 Length: 3 Format: unpacked numeric	Description: Identifies the country where the merchant terminal is located. A leading zero is required to pad the first unused half-byte of this field. The zero is filler and is not part of the code. This field maps to ISO Field 55, Tag 9F1A-Terminal Country Code. VIC Edit: This field must be numeric.
Terminal Serial Number Positions: 25-32 Length: 8 Format: alphanumeric	Description: Contains a unique identification number of the VSDC terminal assigned by the manufacturer. It is used to track devices regardless of their location. This field maps to ISO Field 55, Tag 9F1E-IFD Serial Number. This field must contain alphanumeric values.
Unpredictable Number Positions: 33-40 Length: 8 Format: displayable hexadecimal	Description: Contains the number used in the generation of the cryptogram for VSDC full transactions and contactless magnetic stripe transactions. It provides variability and uniqueness to the cryptogram. This field maps to ISO Field 55, Tag 9F37-Unpredictable Number. VIC Edit: This field must be displayable hexadecimal.
Application Transaction Counter Positions: 41-44 Length: 4 Format: displayable hexadecimal	Description: This field contains a count of the transactions performed within the card application. The count increments by one each time a transaction is initiated. Multiple authorization requests for the same transaction will have the same ATC; for example, when online PIN fails and the next authorization represents a different PIN try for the same transaction, the ATC will be the same. For reversals and advices, the ATC is the value from the original message. This field maps to ISO Field 55, Tag 9F36-Application Transaction Counter. VIC Edit: This field must be displayable hexadecimal.
Application Interchange Profile Positions: 45-48 Length: 4 Format: displayable hexadecimal	Description: Provides a series of indicators that reflect the specific functions supported by the chip card account, for example, whether cardholder verification is supported. This field maps to ISO Field 55, Tag 82-Application Interchange Profile. VIC Edit: This field must be displayable hexadecimal.
Cryptogram Positions: 49-64 Length: 16 Format: displayable hexadecimal	Description: This field contains the clearing cryptogram used to validate transaction processing in the event of a dispute. VIC Edit: This field must be displayable hexadecimal.

Chip Card Informational Advice Edit Criteria

Issuer Application Data, Byte 2 Positions: 65-66 Length: 2 Format: Format: displayable hexadecimal	Description: This field will contain one of the following depending on type of Chip card: VIS: Derivation Key Index CCD: Common Core Identifier Generic EMV Transport: Undefined Data
Issuer Application Data, Byte 3 Positions: 67-68 Length: 2 Format: displayable hexadecimal	Description: This field will contain one of the following depending on type of Chip card: VIS: Cryptogram Version CCD: Derivation Key Index Generic EMV Transport: Undefined Data
Terminal Verification Results Positions: 69-78 Length: 10 Format: displayable hexadecimal	Description: A series of indicators from a terminal perspective. The terminal records the results of offline and online processing by setting a series of indicators in this field. These indicators are available to members in the online message and clearing transaction. This field maps to ISO Field 55, Tag 95-Terminal Verification Results.
Issuer Application Data, Bytes 4-7 Positions: 79-86 Length: Length: 8 Format: displayable hexadecimal	Description: This field will contain one of the following depending on type of Chip card: VIS& CCD: Card Verification Results Generic EMV Transport: Undefined Data
Reserved Positions: 87-98 Length: 12 Format: AN	Description: This field is reserved for future use. EP will always space-fill.
Issuer Application Data, Byte 8 Positions: 99-100 Length: 2 Format: displayable hexadecimal	Description: This field will contain one of the following depending on type of Chip card: VIS: Data could be present CCD: CVR Extension Generic EMV Transport: Undefined Data
Issuer Application Data, Bytes 9-16 Positions: 101-116 Length: 16 Format: displayable hexadecimal	Description: This field will contain one of the following depending on type of Chip card: VIS: Data could be present CCD: Counters Generic EMV Transport: Undefined Data

Chip Card Informational Advice Edit Criteria

Issuer Application Data, Byte 1 Positions: 117-118 Length: 2 Format: displayable hexadecimal	Description: This field will contain one of the following depending on type of Chip card: VIS: Data could be present CCD: Length Indicator Generic EMV Transport: Undefined Data
Issuer Application Data, Byte 17 Positions: 119-120 Length: 2 Format: displayable hexadecimal	Description: This field will contain one of the following depending on type of Chip card: VIS: Data could be present CCD: Length Indicator Generic EMV Transport: Undefined Data
Issuer Application Data, Bytes 18-32 Positions: 121-150 Length: 30 Format: displayable hexadecimal	Description: This field will contain one of the following depending on type of Chip card: VIS: Data could be present CCD: Issuer Discretionary Data Generic EMV Transport: Undefined Data
Form Factor Indicator Positions: 151-158 Length: 8 Format: display hexadecimal	Description: This field is not in use and will contain spaces.
Issuer Script 1 Results Positions: 159-168 Length: 10 Format: displayable hexadecimal	Description: This field identifies the update command that the issuer sends in the authorization response to the card during online processing. With the command, the card updates the parameters and records the success or failure of the updates in the Issuer Script 1 Results field. This field contains indicators related to the attributes of the cardholder's device and the technology used for the communication between the cardholder's device and the acquiring device. This field must be display hexadecimal. The ISO field is 143.

Chapter 22

49 Split Batch Acknowledgment Transactions

TC 49 - Split Batch Acknowledgment Transactions

The TC 49 will be defined for transactions processed in the destination VIC of the Cross VIC file. The TC 49 Split Batch Acknowledgment will be created and sent only to CIBs subscribed to receive the file.

TCR 0

CTF - Incoming Interchange

TC 49 - TCR 0 Split Batch Acknowledgment Transactions

These tables contain the Split Batch Acknowledgment (TC 49) record layout and edit criteria for TCR 0.

CTF - Incoming Interchange

Split Batch Acknowledgment Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-21	5	UN	Edit Package Batch Date
22-27	6	UN	Edit Package Batch Number
28-35	8	AN	Reserved
36	1	AN	Batch Disposition Code
37	1	AN	Summary Type Code
38-57	20	AN	Reserved
58-72	15	UN	Total Transactions
73-87	15	UN	Gross Amount

Split Batch Acknowledgment Layout

Position	Field Length	Format	Contents
88-137	50	AN	Reserved
138-167	30	AN	BASE II Unique File ID
168	1	AN	Reimbursement Attribute

Format: AN = Alphanumeric, ANS = Alphanumeric Special, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

Split Batch Acknowledgment Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field will contain 49 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain a 0 (zero). The edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field will contain a 0 (zero).
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which a BASE II transaction message is sent. This field will contain the destination identifier of the processing center.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which this BASE II transaction message was sent.

Split Batch Acknowledgment Criteria

Edit Package Batch Date Positions: 17-21 Length: 5 Format: unpacked numeric	Description: The outgoing Edit Package date of the batch being acknowledged. The format of this field is YYDDD . <ul style="list-style-type: none">• YY = 00-99• DDD = 001-366
Edit Package Batch Number Positions: 22-27 Length: 6 Format: unpacked numeric	Description: The outgoing Edit Package batch number of the batch being acknowledged.
Reserved Positions: 28-35 Length: 8 Format: alphanumeric	Description: This field is reserved for future use. BASE II will always space-fill.
Batch Disposition Code Positions: 36 Length: 1 Format: alphanumeric	Description: This field will contain an X (Batch was sent via cross VIC processing), which indicates that the batch was accepted by the VIC and records within the batch may have been sent via cross VIC processing.
Summary Type Code Positions: 37 Length: 1 Format: alphanumeric	Description: This code indicates which type of transactions within the batch are being acknowledged. This field will contain one of the following values: <ul style="list-style-type: none">• 0 (Interchange)• 2 (Collection-only transaction)
Reserved Positions: 38-57 Length: 20 Format: alphanumeric	Description: This field is reserved for future use. BASE II will always space-fill.
Total Transactions Positions: 58-72 Length: 15 Format: unpacked numeric	Description: The total number of the records that make up a single financial, administrative, or text message, as required for transmission between a processing center and a VIC. Transactions are identified by transaction codes. The total is the number of transactions in the group being summarized.
Gross Amount Positions: 73-87 Length: 15 Format: unpacked numeric	Description: This field will contain the hash total of source amounts in the group of transactions being summarized.

Split Batch Acknowledgment Criteria

Reserved Positions: 88-137 Length: 50 Format: alphanumeric	Description: This field is reserved for future use. BASE II will always space-fill.
BASE II Unique File ID Positions: 138-167 Length: 30 Format: alphanumeric	Description: A unique file number, like an identification, used by the Edit Package for history checking.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: This field must contain a 0 (zero).

Glossary

account funding source	Identifies the source of the funds associated with the primary account for the card. For example, Credit, Debit, Prepaid, and Charge.
account number extension	A three-position extension of the account number that allows account numbers up to 19 digits in length.
account prefix	The first nine digits of a cardholder account number.
account prefix range	The set of a low-account prefix and a high-account prefix that defines the range of cardholder account numbers used by an issuer. (A single issuer may use more than one range.) All ranges are maintained on the ARDEF Table for cardholder account number and issuing identifier validation purposes.
account restricted use	Identifies whether any processing restriction exists for the account range.
acquirer	<p>A member financial institution that has agreements with merchants to accept Visa card transactions or offers cash disbursement services to cardholders, or both. The acquirer is responsible for:</p> <ul style="list-style-type: none">• Accepting card transaction data from merchants and its own ATMs and bank branches• Providing authorization decisions to those card-accepting locations• Conveying transaction information to Visa as interchange transactions
acquirer center	A BASE II processing center supporting one or more Visa acquirers. The processing center receives transaction information from merchants and cash dispensing locations on behalf of acquirers; processes local transactions and sends interchange transactions to a VIC for distribution to the issuer processing centers; and settles the value of transactions with merchants and agents and, for interchange transactions, with other members through the BASE II system.
Acquirer Reference Number (ARN)	A 23-digit identification number associated with every draft and voucher. It consists of a Format Code, Acquiring Identifier, Capture Date, Film Locator, and Check Digit.
acquiring identifier	The acquirer from which a BASE II transaction is sent.

administrative messages	All transactions that pass information between processing centers but do not result in debits or credits in the settlement process.
Advice File	The BASE I file containing records of authorization and verification responses generated at the VIC for the card issuer under the rules of the Positive Cardholder Authorization Service (PCAS) or when the issuer center was unavailable.
ARDEF File	The permanent file for the ARDEF (Account Range Definition) Table, which is used to control the accuracy of Edit Package processing. The table contains all valid ARDEF entries, namely: the account prefix range, its associated issuing identifier, card-number length indicator, check-digit indicator, product ID, and account funding source.
balancing and reconciliation	The process of accounting for the number and amount of transactions and the currency of each transaction in a BASE II cycle.
BASE I System	See V.I.P. System.
BASE Identification Number (BIN)	<p>A 6-digit identifier licensed by Visa to an issuer before 22 April 2022 that comprises of the first 6 digits of an account number.</p> <p>An 8-digit identifier assigned by the ISO to Visa and then licensed by Visa to an issuer that comprises of the first 8 digits of an account number.</p>
BASE II processing center	See processing center.
BASE II System	An electronic batch transmission system primarily used for the exchange of Visa interchange transaction data and for settlement of the value of those transactions between acquirers and issuers. This system is also used by centers to retrieve records from the Advice File and by Visa to settle various fees with members.
batch	A set of transaction records, terminating with a batch trailer, sent through BASE II.
Batch Acknowledgment Transaction	A receipt confirmation generated at a VIC of each batch of outgoing transactions. These transactions are received in the center's incoming Interchange Transaction File.
batch reject	See rejected batch.
batch trailer record	A record designating the end of a batch of BASE II transactions. It contains count and monetary totals used to control the integrity of the batch's transaction data. See also merchant batch trailer record.
Bill Payment Service	A service allowing a member to accept payment from a Visa cardholder whose account belongs to another member and to credit the issuer through BASE II. The issuer and the member receiving the payment must both be in the same country. Used in Canada and Brazil.
billing currency	The currency in which the issuer bills the cardholder for transactions.

BIN	See BASE Identification Number (BIN)
BIN File	The permanent file for a BIN Table, which is used to control the accuracy of Edit Package processing. The table contains all valid BINs and their BASE II processing status codes.
card issuer processing center	See issuer center.
Card Recovery Bulletin (CRB)	A paper listing, published and distributed by Visa, that contains Visa account numbers for which card pickup is required.
cardholder processing center	See issuer center.
cash advance	The disbursement of cash from an ATM, bank teller, or authorized merchant based on use of a Visa or Plus card.
cashback field	A nine-digit field that specifies the currency amount that is paid out when a purchase transaction occurs.
Center Transaction File (CTF)	The outgoing Center Transaction File contains interchange transactions generated by a processing center's pre-edit program. If the format is acceptable to the Edit Package, it is converted to an ITF and is submitted to the VIC. The incoming Center Transaction File contains ITF data transmitted from the VIC through the VAP to the Edit Package for processing. If there are no errors, the ITF is converted to a CTF and used as input to the post-edit program.
Central Processing Date (CPD)	The date (based on GMT) when the ITF or report in question was generated at a VIC.
chargeback	A sales draft or other item that has been examined by the issuer center, found to be improper, and sent back to the acquirer center with other outgoing interchange. This is a deprecated term. See current, dispute financial.
Chargeback Reduction Service (CRS)	A worldwide service that provides acquirers and issuers with information available from other VisaNet systems to reduce the number of unnecessary Visa retrieval copy requests and fulfillment requests.
check digit	A digit added to the end of an account number or Acquirer Reference Number that is derived from a computation using a predetermined formula and the preceding digits of the account number. It is used during editing processes to validate account numbers and Acquirer Reference Numbers.
Chip Card	See Integrated Circuit Card.
Chip Debit/Credit	See Visa Smart Debit/Visa Smart Credit (VSDC).
clearing	All of the functions required to collect a transaction from an acquirer in the merchant's currency and deliver it to the issuer in the cardholder's currency.

collection-only transaction	An intraprocessor transaction submitted to BASE II for collection only (not settlement or delivery). Normal BASE II processing charges and interchange reimbursement fees do not apply to collection-only transactions.
copy/original	A copy of a transaction requested from the acquirer center by the issuer center. (Synonymous with original/photocopy.)
CPD	See central processing date (CPD).
CPS	See Custom Payment Service (CPS).
CRB	See Card Recovery Bulletin (CRB).
credit voucher	Sometimes referred to as credit return, it is the record of a return or price adjustment of a purchase.
CRS	See Chargeback Reduction Service (CRS).
CTF	See Center Transaction File (CTF).
currency conversion rate	This rate is applied by Visa International to certain transactions (original sales drafts, dispute response financials, travel vouchers, credit vouchers, and cash disbursements) and the reversal of such transactions.
currency of purchase	See transaction currency.
currency trading cutoff	The time at which currency conversion rates expire.
Custom Merchant Service	A service that tailors interchange reimbursement fees to specific merchant categories.
Custom Payment Service (CPS)	A Visa payment service that minimizes dispute financials and facilitates transaction clearing and settlement by assigning a unique identifier that stays with the transaction throughout its life cycle.
Data Capture Advice	A batch transaction that delivers data for transactions captured at merchant locations to the acquirer center for subsequent submission to BASE II.
Data Capture Service	Merchants' use of electronic terminals at points-of-sale (POS) to capture sales transaction data. Members can receive reports on transactions that have occurred at each merchant location.
DBA	The "doing business as" name of the merchant. (The DBA name is required in all BASE II records that include merchant ID to ensure cardholder recognition.)

descriptive billing	A billing method in which the cardholder receives a statement containing a descriptive section of information identifying the card acceptor (merchant, bank branch, or business location) and the nature of each charge or credit for each transaction posted to the account. Copies of the original paper are not returned to the cardholder.
designated currency	One of the currencies that may be chosen by a member for settlement and funds transfer.
destination BIN	The BIN to which a BASE II transaction message is sent. This is a deprecated term. See current, destination identifier.
destination currency	The currency type presented to the member on incoming transactions. For most transactions (that is, drafts), it is the billing currency. For other transactions (for example, fee collection, dispute financials), it is the settlement currency of the destination.
destination identifier	See acquiring identifier and/or issuing identifier.
dispute financial	A dispute financial provides an issuer with a way to return a disputed transaction, i.e. to reverse a sales transaction or similar item, and assign financial liability to the acquirer.
dispute financial reversal	The cancellation of a dispute financial sent in error to the acquirer center.
dispute response financial	If the acquirer determines that a dispute is invalid, or if the required supporting information/documentation is missing or incomplete, the acquirer may reject the dispute and send it back to the issuer through a dispute response financial or pre-arbitration (depending on the dispute condition). The dispute response financial assigns the financial liability to the issuer.
documentation request	See Request for Copy of transaction.
draft data transaction	A BASE II financial transaction that contains data for a cardholder transaction and results in a debit or a credit to clearing members during the settlement process.
EA Server	See Visa Extended Access Server.
Early Delivery Service	Option by which transaction data is delivered to the processing center before settlement is completed.
Edit Package	The computer programs supplied by Visa International to processing centers to validate interchange data, produce the file containing all interchange data to be sent from the processing center to Visa, and process the file of incoming transactions received from Visa.
Edit Package processing date	The date used by the Edit Package during a specific run. This can be the computer's system date or a date specified on the RUNDAT run control option.

electronic terminal	A point-of-sale terminal, an automated teller machine, or a cash dispensing machine used at the point of transaction to generate electronic impulses that are captured in computer-readable form.
Extended Access Server	See Visa Extended Access Server.
fee collection transaction	A BASE II transaction representing a miscellaneous financial charge assessed by one member or by Visa against another member.
File Distribution Service	The receipt of files through BASE II based on an arrangement that best meets the member's needs and processing schedules. It can distinguish and simultaneously process interchange, nonfinancial, and settlement data. It can separate report delivery from interchange processing.
file header record	A record designating the beginning of a CTF or ITF. It contains the processing center ID, security code, and relevant control information.
file trailer record	A record designating the end of a CTF or ITF. It contains count and monetary totals used to control the integrity of file content. A CTF is terminated with one file trailer record regardless of the number of volumes used to contain the data; an ITF on tape is terminated with a file trailer record at the end of each volume, if multiple volumes are needed.
file transfer	Electronic transfer of an ITF between the PC Edit Package and the VAP.
financial controls	Those controls surrounding general ledger activities and procedures relating to bank card accounting.
floor limit	The maximum dollar amount for a transaction without having to obtain authorization.
fraud advice transaction	A BASE II transaction sent by a center to notify Visa of the possible fraudulent use of a card. Sent only with outgoing interchange transactions from the issuer center.
freeform text message	See text message.
funds disbursement transaction	A BASE II transaction used to transfer monetary credit from one BASE II entity to another or to reverse a fee collection transaction.
History File	The Edit Package file used to store the history of outgoing and incoming processing runs, and to control reruns and assign batch numbers for multiple daily runs.
host computer(s)	The computer system used at the processing center to process BASE II interchange or BASE I inquiries, or both, and other authorization-related messages.
IAF	See International Acquiring Fee.

ICC	See Integrated Circuit Card.
ICS	See Issuers' Clearinghouse Service (ICS).
ICS input/response transaction	A BASE II transaction sent (input) or received (response) by a center participating in the Issuers' Clearinghouse Service.
incoming interchange	All BASE II transactions transmitted from a VIC to a processing center, or the entire process of receiving incoming interchange transaction data from a VIC.
integrated circuit card	A plastic card embedded with a silicon chip that has greater storage capabilities than a magnetic stripe, allowing for more robust functionality and multiple accounts to reside on one physical card.
interchange processing	The electronic movement of transaction data between acquirers and issuers.
Interchange Reimbursement Fee (IRF)	A fee paid by issuers and acquirers to each other for transactions entered into interchange (and their reversals) to balance the cost of doing business.
interchange transaction	Any transaction where the member that signed the cardholder submits transactions through a different processing center than the member that signed the merchant.
Interchange Transaction File (ITF)	<p>The <i>outgoing</i> Interchange Transaction File contains transactions sent to VisaNet by an endpoint. This file may be created by the outgoing Edit Package after the endpoint's pre-edit processing, or it may be sent directly to VisaNet.</p> <p>The <i>incoming</i> Interchange Transaction File contains transactions delivered to an endpoint by VisaNet. This file may be read by the Edit Package prior to the transaction being processed by the endpoint's post-edit processing, or it may be directly processed by the endpoint.</p>
interface transaction advice	A notice to certain non-Visa card issuers of transactions captured by Visa terminals at merchant locations. These notices are created by the terminal provider and are transmitted through the BASE II system to non-Visa card issuers.
International Acquiring Fee (IAF)	An optional regional fee paid by the acquirer when a transaction occurs outside the issuer's country. It may be assessed for Sales Draft (TC 05) original and dispute response financial, Cash Disbursement (TC 07) original and dispute response financial, TC 05 and TC 07 reversals and their SMS Visa or Plus Network equivalent transactions.
International Airline Program	A program that permits acquirers of merchants designated by Visa as international airlines to deposit transactions outside the country where the transactions occurred.
international airline transactions	International Airline Program transactions in which the issuer and merchant are not in the same country.

International Outgoing Interchange (IOI) fee	See International Acquiring Fees (IAF).
International Service Assessment (ISA)	The International Service Assessment (ISA) fee applies to international BASE II and SMS clearing transactions in which the issuer country is different from the merchant country.
interregional transaction	A transaction where the merchant and issuer are not in the same Visa region.
intraprocessor transaction	A transaction where the acquirer and the issuer are two different members but both are serviced by the same processor.
intraregional transaction	A transaction where the merchant and issuer are in the same Visa region but are not in the same country.
IOI fee	See International Acquiring Fees (IAF).
IRF	See Interchange Reimbursement Fee (IRF).
ISA	See International Service Assessment (ISA).
issuer	A member financial institution that issues Visa cards. For a given transaction, the issuer is the institution that issued the card used for that transaction to the cardholder. The issuer is responsible for maintaining the accounts of its cardholders, for providing authorization decisions, for cardholder billing, and for settlement of transactions its cardholders have with merchants and cash dispensing locations of other members. Each issuer operates or designates an issuer center to perform the functions related to clearing and settlement of interchange transactions.
issuer center	A BASE II processing center acting in support of one or more issuers. The processing center processes completed cardholder transactions (local and interchange) for cardholder account posting and billing. For completed interchange transactions, the center is also responsible for receiving and processing incoming transactions for the cardholders of the issuer or issuers.
Issuers' Clearinghouse Service (ICS)	A service developed to curtail the fraudulent or excessive use of credit card applications, and the fraudulent use of credit cards. Issuers may access or update the ICS database through BASE II.
issuing identifier	The issuer to which a BASE II transaction message is sent.
ITF	See Interchange Transaction File (ITF).
julian date	A date expressed as the day's position in a year rather than in a particular month. The format is YDDD or YYDDD.
local airline transaction	International Airline Program transactions in which the issuer and merchant are in the same country.

media request	See Request for Copy transaction.
member settlement data transaction	An incoming transaction used to transmit settlement report data in machine-readable format.
merchant batch header record	The header record in a data capture advice that carries merchant batch data.
merchant batch trailer record	The trailer record in a data capture advice that carries merchant batch data.
Merchant Mailing File	A file at the VIC containing the names, addresses, and other pertinent information for merchants who receive the Card Recovery Bulletin.
Merchant Mailing File transaction	The BASE II transaction used by processing centers to update the Merchant Master File. It is transmitted from acquirer centers to a VIC.
Merchant Master File	A computer record of information on all merchants serviced by a center. This file is maintained at the processing center.
merchant processing center	See acquirer center.
multicurrency clearing	The clearing of transactions where members enter financial transactions into BASE II in the currency as signed by the cardholder, and receive cleared transactions converted to the issuer's billing currency. This results in uniform conversion rates for all issuers for the processing day.
National Net interchange	Transactions that are exchanged between processing centers whose issuers and acquirers are located in the same country where settlement is accomplished through a central agent bank for each country using the service. BASE II clears the transactions and records transaction totals on National Net interchange reports.
national settlement transaction	A National Net transaction.
National Transaction	A transaction in which the merchant, issuer, and acquirer are all in the same country.
net settlement amount	The currency amount representing the difference between a settlement entity's outgoing and incoming interchange for a given day plus or minus fees and charges. May be a debit or a credit.
nonfinancial transaction	A nonmonetary transaction that supports the bankcard business. For example, a request or confirmation of a photocopy, freeform message, BASE I Advice record, Merchant Mailing File update, data capture advice, and Issuers' Clearing Service inquiry or response.
on-us transactions	Drafts, vouchers and other items where the member that signed the merchant also signed the cardholder, or where the member that signed the merchant and the member that issued the card have both designated the same processing center.

optional issuer fee	An optional additional currency fee that is requested by the issuer and collected as part of the billing amount, if desired by the issuer. This fee is not included in the settlement amount. It may be a debit or a credit.
original transaction	In the BASE II System, the first presentation of a purchase, credit, or cash advance submitted into interchange.
original/photocopy	See copy/original.
outgoing interchange	All BASE II transactions transmitted from a member's processing center to a VIC. Both acquirer and issuer centers send outgoing interchange.
PCAS	See Positive Cardholder Authorization Service (PCAS).
Plus	An automatic teller machine (ATM) network to which Visa members have access.
Plus BIN File	A file containing Plus BIN table update records that is created through incoming Edit Package processing for all members subscribing to the Plus ATM system. The Plus BIN Table contains identifier numbers of Plus card issuers.
Positive Cardholder Authorization Service (PCAS)	Risk control services available to issuers who use the VisaNet BASE I component for switching and authorization. PCAS determines how authorizations are routed and how authorization decisions are made.
post-edit program	Software written and maintained by a processing center to restructure an incoming Center Transaction File into a format acceptable for the local posting and billing process and to apply member-unique edit criteria against the transactions. This program is executed following the incoming Edit Package run.
pre-edit program	Software written and maintained by a processing center to separate on-us items from interchange items and to apply member-unique edit criteria against the transactions. This program also formats outgoing interchange into the outgoing Center Transaction File for processing by the Edit Package according to BASE II specifications. This program is executed before the outgoing Edit Package run.
presentation	See presentment.
presentment	Paper (or a transaction) submitted for the first time by an acquirer to an issuer and processed through VisaNet interchange.
processing center	The entity, operated or designated by a clearing member of Visa, responsible for processing of interchange transactions. It executes the Edit Package and the pre- or post-edit programs, or both, and sends and receives interchange transactions to and from a VIC. A single processing center may function as an acquirer center, an issuer center, or both. It performs interchange transaction services for one member or a multiple number of members. Most BASE II processing centers are operated by Visa members; nonmember processing centers may be authorized to process Visa transactions.

processing date	See central processing date (CPD) or Edit Package processing date.
proof and capture	The process of determining that each deposit or group of deposits balances, and the process of recording standard information from each draft, voucher, and transaction in a form acceptable for editing and processing.
PSIRF	See Payment Service Interchange Reimbursement Fee (PSIRF).
RCRF	See Regional Card Recovery File (RCRF).
Regional Card Recovery File (RCRF)	A file of cardholder account records, created by Visa every week for international users, that contains all BASE I Exception File pickup accounts coded for a given CRB region, plus specified "Region 0" accounts listed by issuers in that CRB region. Users receive an RCRF as part of the incoming BASE II interchange transaction file.
reimbursement attribute	A one-digit alphanumeric code designating reimbursement fees applicable to a specific transaction.
reimbursement fee	Amount paid by one member to another (usually by the acquirer to the issuer), and can vary according to market requirements.
rejected batch	An interchange batch that is not accepted by the VIC due to an error in the audit integrity of that batch.
rejected transaction	An outgoing BASE II transaction record in which the Edit Package detected an error that affects the financial integrity of the batch. The Edit Package excludes such transactions from outgoing interchange, that is, the transaction is not included in the outgoing Interchange Transaction File forwarded to a VIC. (The batch is not rejected; all valid transactions in the batch are included in the outgoing Interchange Transaction File.) Unless the transaction is a batch or file trailer record, the run aborts.
re-presentment	Paper (or a transaction) submitted by an acquirer to an issuer for a second time, following receipt of a chargeback. This is a deprecated term. See current, dispute response financial.
Request for Copy transaction	A transaction generated when an issuer requests for a copy of the original transaction, followed by a confirmation that records the sending of the copy. Also known as a documentation or media request.
returned transaction	A cardholder transaction record in which the VIC edit function detected an error that does not violate the financial integrity of the batch. When such an error is detected, the transaction is included in the outgoing batch interchange totals (in a separate category), but it is not forwarded to the issuer center. The transaction is placed in a new BASE II transaction, with a new transaction code, and returned to the originating center with incoming interchange. (On the incoming reports for an originating center, the transactions appear in both outgoing and incoming totals.)

reversal	A BASE II transaction used to negate or cancel a transaction that has been sent through interchange in error.
settlement	The actual transfer of funds from the issuing bank to the acquiring bank through a wire transfer to a settlement account, and the total amount owed by one Visa member to another. See also net settlement amount.
settlement currency	The currency used by the BASE II System to calculate a settlement entity's daily net settlement position.
Single Message System (SMS)	See V.I.P. System.
source BIN	The BIN from which a BASE II transaction message is sent. This is a deprecated term. See current, source identifier.
source currency	The currency type associated with the amount of a transaction entered into interchange.
source identifier	See acquiring identifier and/or issuing identifier.
special airline fee	A fee charged on transactions from International Airlines whenever the issuer, acquirer, and transaction countries are not all the same. This fee is collected instead of the IAF fee, and is paid to the transaction region.
Stand-In Processor (STIP)	<p><i>For BASE I processing.</i> The function operating at all VICs that provides authorization decisions on behalf of BASE I card issuers. It acts for transactions in amounts below the issuer limit, when the issuer center is unavailable, when a request sent to the issuer center times out, or when a local switch request STIP processing.</p> <p><i>For SMS processing.</i> The function that makes authorization decisions for authorization and financial requests on behalf of issuer centers. It acts only when the issuer center is unavailable or when a request has timed out.</p>
STIP	See Stand-In Processor (STIP).
substitute draft or substitute transaction receipt	A computer-generated version of a sales draft, including items such as account number, merchant name and location, purchase date, transaction amount, authorization code, and a description of the goods and services.
suspense	A series of general ledger accounts containing drafts and vouchers and other items that have been rejected by either the processing center's editing programs or the Edit Package.
system log	A VAP disk file that contains messages recording significant events related to BASE II operations, including net settlement information and all operator actions and their acknowledgments. (All valid dial terminal inquiries and responses and the error messages generated by all VAP subsystems are also included.) When BASE II transmission to or from the VIC completes, the log can be archived to the center's host computer and center-designed reports may be generated.

TCR	See Transaction Component Record (TCR).
text message	An unformatted message exchanged between processing centers, or sent by Visa, through the BASE II System.
third-party processor	See processing center.
transaction	<p><i>BASE II transaction.</i> The record or records that make up a single financial, administrative, or text message, as required for transmission between a processing center and a VIC. BASE II transactions are identified by transaction codes.</p> <p><i>Cardholder transaction.</i> The use of a card by a customer (normally assumed to be the cardholder) to purchase goods or services from a merchant or secure cash from an ATM or financial institution.</p>
Transaction Charges	Charges paid by members to Visa for processing services. Transaction charges vary depending on transaction type and volume.
Transaction Code (TC)	A two-digit code that identifies a specific type of BASE II transaction.
Transaction Component Record (TCR)	A fixed-length record used to contain a component portion of a BASE II transaction. A single BASE II transaction may consist of multiple TCRs.
transaction component sequence number	A single digit placed in each TCR so multiple records (TCRs) can be combined into a single BASE II transaction.
transaction currency	The currency of the purchase, as agreed to by the cardholder and the merchant.
V.I.P. System	An electronic data transmission system for the real-time delivery and processing of messages related to authorization of bank, T&E, private label, and proprietary card and check acceptance transactions. It accepts authorization requests from acquirer and merchant authorization centers and either provides authorization decisions or secures authorization decisions from the issuer authorization centers.
VAP	See VisaNet Access Point (VAP).
VIC	See VisaNet Interchange Center (VIC).
VIC processing date	See central processing date (CPD).
Visa Extended Access Server	The Visa Extended Access Server is the next-generation gateway to Visa products and services, replacing legacy VisaNet Access Points. The EA Server offers improved security and a flexible platform for future updates.

Visa Resolve Online (VROL)	Visa Resolve Online provides dispute management services, including transaction research, e.g. for cardholder queries, dispute questionnaires to collect relevant customer information and documentation, financial transaction processing (both BASE II and SMS) for disputes, fraud reporting, exception file maintenance, stop payments, and case filing (arbitration and compliance) capabilities. Visa Resolve Online identifies associated transactions, e.g. credits, adjustments, and consolidates the dispute history in case folders. To access Visa Resolve Online a client may use either the VROL user interface accessed through Visa Online or a web-service-API system interface (Real Time System Interface - RTSI).
Visa Smart Debit/Visa Smart Credit (VSDC)	A payment service involving the use of chip cards and chip capable card acceptance devices providing a variety of features to support offline authorization, protect against fraud, enhance cardholder verification, and provide a platform for multifunction programs.
VisaNet Access Point (VAP)	An IBM personal computer supplied by Visa, at which the VisaNet network is accessed electronically by a processing center. A VAP is in direct communication with a VIC. BASE II data are generally transmitted or received through a VAP.
VisaNet Copy Request and Fulfillment Service (VCRFS)	An automated service that facilitates the exchange of copy requests and their fulfillments through VisaNet.
VisaNet Interchange Center (VIC)	The computers and all associated peripheral devices and telecommunications support facilities needed for the V.I.P. System, the BASE II System, related systems (such as CRB and CWB), and backup for these systems.
warehoused transactions	Transactions received at the VIC after the settlement window closes. These transactions are held over for next-day settlement at the new rates.