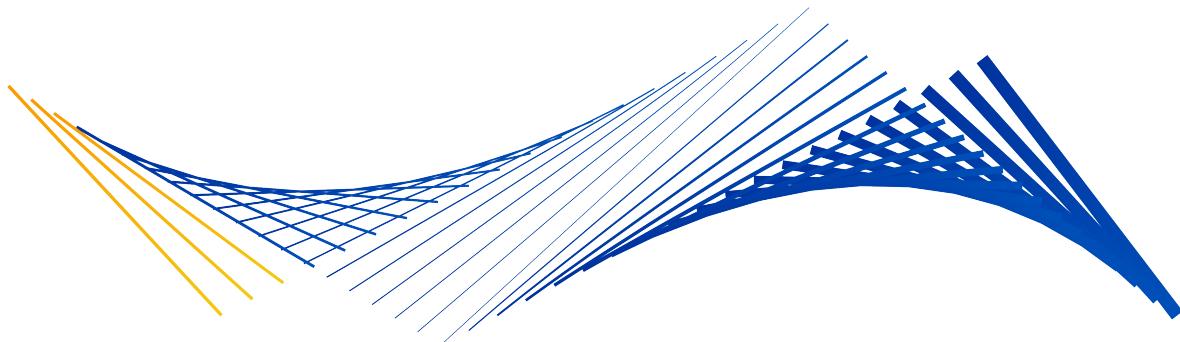




BASE II Clearing Interchange Formats, TC 50 to TC 92

Effective: 17 April 2021



Visa Supplemental Requirements

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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*
- *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*



VML is no longer being supported.

BASE II Edit Package Interchange Processing

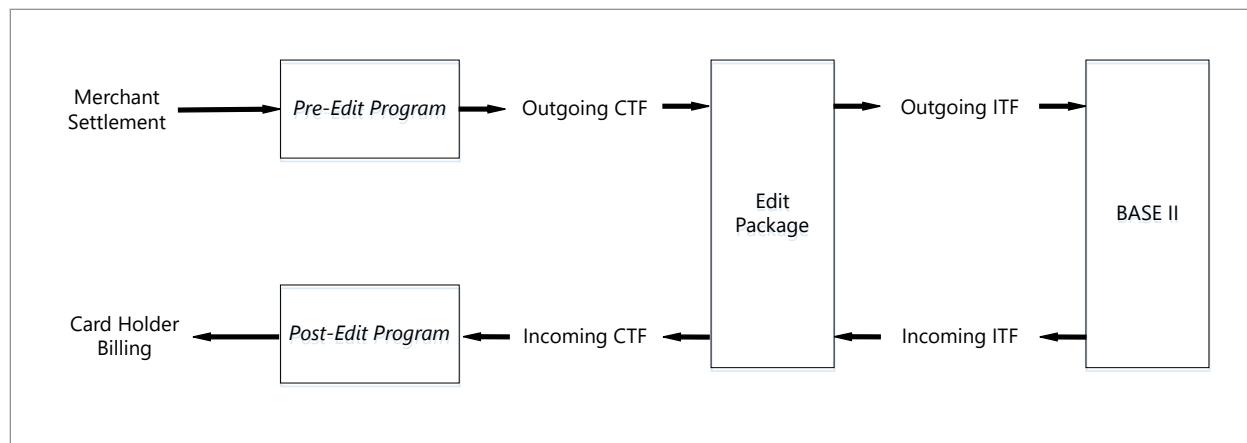
The BASE II Edit Package uses Center Transaction Files (CTFs) and Interchange Transaction Files (ITFs) to process interchange messages.

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.

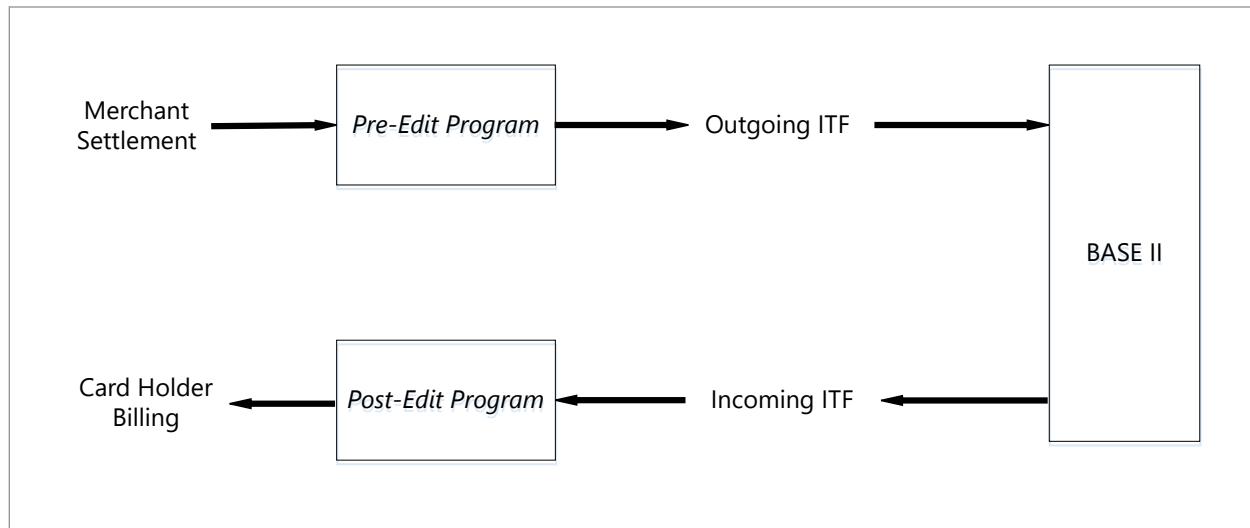
- Outgoing ITFs are generated by the Edit Package and contain reformatted validated CTF interchange transactions.
- Incoming ITFs are generated by the VIC for the Edit Package; they contain incoming interchange, BASE II report records, and Center Information Block (CIB) and Center Security Codes.

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 TCR 0 must be the first number in a transaction, however subsequent 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:

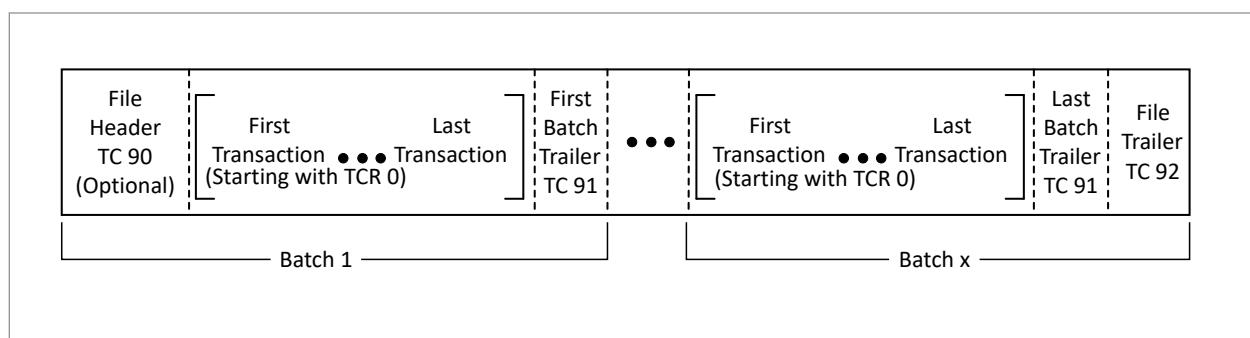
- The Transaction Code is different from the previous one.
- The Transaction Component Sequence Number (TCR number) is less than the previous one.

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 :

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. Note: Please refer to the <i>BASE II Clearing Data Codes</i> manual for a list of valid codes. 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. 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. VIC Edit, National—U.S.: EPS and Supermarket originals and reversals must contain 2 through 5, 8, or 9.
Universal edit applicable to all transactions Note applicable universally Edit applicable only to CPS participating countries National edit applicable only to the U.S. VIC Edit applicable only to the U.S. Universal edits and notes applying only to dispute response financials, dispute financials	Dispute Response Financials, Dispute Financials The entry is not required, but if it is present it must be a valid value.

Chapter 2

TC 50 Text Message Transactions

TC 50 - Text Message Transactions

The Text Message records are generally used to transmit an unformatted informational message to another processing center.

TCR 0

CTF - Outgoing and Incoming Interchange

TC 50 - TCR 0

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 0.

CTF - Outgoing and Incoming Interchange

Text 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
17-22	6	AN	Reserved
23-129	107	AN	Text
130-168	39	AN	Reserved

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

Text Message Transactions Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 50 .
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 acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message is sent. This field must contain a valid acquiring or issuing identifier.
Reserved Positions: 17-22 Length: 6 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Text Positions: 23-129 Length: 107 Format: alphanumeric	Description: The text in the field is followed by spaces.
Reserved Positions: 130-168 Length: 39 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 50 - TCR 0 - OCT Payment Detail Data

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 0 - OCT Payment Detail Data.

CTF - Outgoing and Incoming Interchange

Text Message OCT Payment Detail 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
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-22	6	AN	Service Identifier
23-37	15	AN	Message Identifier
38-41	4	UN	Reserved
42-168	127	AN	Payment Details Part1

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

Text Message OCT Payment Detail Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 50 .
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.

Text Message OCT Payment Detail Data Edit Criteria

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 acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message is sent. This field must contain a valid acquiring or issuing identifier.
Service Identifier Positions: 17-22 Length: 6 Format: alphanumeric	Description: Further identifies the type of transaction. Field must contain value: RUSPVT with description as "Russia Private".
Message Identifier Positions: 23-37 Length: 15 Format: alphanumeric	Description: This field is used to link the draft data and TC 50 containing Payment Detail Data text message transactions. The contents of this field should match that of the related draft data transaction's Message Identifier field.
Reserved Positions: 38-41 Length: 4 Format: unpacked numeric	Description: This field is reserved for future use. EP will always space-fill.
Payment Details Part1 Positions: 42-168 Length: 127 Format: alphanumeric	Description: This field will contain the Payment Details Data in single-byte characters. Note: For Russia, this is an EBCDIC 1025 code page with full Cyrillic character set. This is a single-byte character set and must be used across multiple systems to represent Cyrillic.

TC 50 - TCR 1 - OCT Payment Detail Data

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 1 - OCT Payment Detail Data.

CTF - Outgoing and Incoming Interchange

Text Message OCT Payment Detail 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
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-168	152	AN	Payment Details Part2

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

Text Message OCT Payment Detail Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 50 .
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).

Text Message OCT Payment Detail Data Edit Criteria

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 acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message is sent. This field must contain a valid acquiring or issuing identifier.
Payment Details Part2 Positions: 17-168 Length: 152 Format: alphanumeric	Description: This field will contain the Payment Details Data in single-byte characters. Note: For Russia, this is an EBCDIC 1025 code page with full Cyrillic character set. This is a single-byte character set and must be used across multiple systems to represent Cyrillic.

TC 50 - TCR 2 - OCT Payment Detail Data

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 2 - OCT Payment Detail Data.

CTF - Outgoing and Incoming Interchange

Text Message OCT Payment Detail 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
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-37	21	AN	Payment Details Part3
38-168	131	AN	Reserved

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

Text Message OCT Payment Detail Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 50 .
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 acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message is sent. This field must contain a valid acquiring or issuing identifier.
Payment Details Part3 Positions: 17-37 Length: 21 Format: alphanumeric	Description: This field will contain the Payment Details Data in single-byte characters. Note: For Russia, this is an EBCDIC 1025 code page with full Cyrillic character set. This is a single-byte character set and must be used across multiple systems to represent Cyrillic.
Reserved Positions: 38-168 Length: 131 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 50 - TCR 0 - Commercial Card - Passenger Itinerary Data

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 0 - Commercial Card - Passenger Itinerary Data.

CTF - Outgoing and Incoming Interchange

Text Message Commercial Card - Passenger Itinerary 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
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-22	6	AN	Service Identifier
23-37	15	AN	Message Identifier
38-41	4	UN	Item Sequencing Field
42-57	16	UN	Account Number
58-60	3	UN	Account Number Extension
61-80	20	AN	Passenger Name
81-92	12	UN	Total Fare Amount
93-104	12	UN	Total Tax Amount
105-116	12	UN	National Tax Amount
117-128	12	UN	Total Fee Amount
129-131	3	AN	Currency Code
132-144	13	AN	Exchange Ticket Number
145-156	12	UN	Exchange Ticket Amount
157-164	8	AN	Travel Agency Code
165	1	AN	Internet Indicator
166	1	AN	Electronic Ticket Indicator

Text Message Commercial Card - Passenger Itinerary Data Record Layout

Position	Field Length	Format	Contents
167-168	2	AN	Reserved

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

Text Message Commercial Card - Passenger Itinerary Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 50 .
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 acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message is sent. This field must contain a valid acquiring or issuing identifier.
Service Identifier Positions: 17-22 Length: 6 Format: alphanumeric	Description: Further identifies the type of transaction. If the record is created by an acquirer, this field must contain CORPAI . If the record is created by a third-party information provider, this field must contain COMMAG .

Text Message Commercial Card - Passenger Itinerary Data Edit Criteria

Message Identifier Positions: 23-37 Length: 15 Format: alphanumeric	Description: This field contains the Primary Ticket number (13 positions), left-justified, followed by two spaces. VIC Edit: This field cannot be zeros or spaces or two spaces followed by all zeros.
Item Sequencing Field Positions: 38-41 Length: 4 Format: unpacked numeric	Description: This field contains the current and total number of records for this transaction. Format is XXYY , where XX is the current record and YY is the total number of records.
Account Number Positions: 42-57 Length: 16 Format: unpacked numeric	Description: An issuer-assigned number that identifies a cardholder's accounts. The field must contain a numeric which is greater than zero, left-justified, and zero-filled. VIC Edit: American Express Cardholder Account Numbers (defined by 34 or 37 in the first two positions) must be 15 characters in length and must pass the modulus-10 check digit routine. This entry must be a 16-digit number.
Account Number Extension Positions: 58-60 Length: 3 Format: unpacked numeric	Description: A three-digit extension of the account number that allows an account number up to 19 digits. This entry must be left-justified and zero-filled.
Passenger Name Positions: 61-80 Length: 20 Format: alphanumeric	Description: Name of the passenger using the ticket. This entry should be left-justified.
Total Fare Amount Positions: 81-92 Length: 12 Format: unpacked numeric	Description: Total amount of passenger's fare. This field must be numeric and may contain zeros. Two decimal places are implied.
Total Tax Amount Positions: 93-104 Length: 12 Format: unpacked numeric	Description: Tax amount on purchase. This field must be numeric and may contain zeros. Two decimal places are implied.
National Tax Amount Positions: 105-116 Length: 12 Format: unpacked numeric	Description: Used by acquirers to indicate the amount of National Tax included in the transaction amount. Must be in same currency as source amount. This field must be numeric and may contain zeros. Two decimal places are implied.

Text Message Commercial Card - Passenger Itinerary Data Edit Criteria

Total Fee Amount Positions: 117-128 Length: 12 Format: unpacked numeric	Description: Amount of fee. This field must be numeric and may contain zeros. Two decimal places are implied.
Currency Code Positions: 129-131 Length: 3 Format: alphanumeric	Description: Indicates the type of currency. This field should contain a valid currency ISO numeric code.
Exchange Ticket Number Positions: 132-144 Length: 13 Format: alphanumeric	Description: Number of exchanged ticket. This field should be left-justified.
Exchange Ticket Amount Positions: 145-156 Length: 12 Format: unpacked numeric	Description: Amount of exchanged ticket. This field must be numeric and may contain zeros. Two decimal places are implied.
Travel Agency Code Positions: 157-164 Length: 8 Format: alphanumeric	Description: Code identifying travel agency if the ticket was issued by a travel agency. An entry should be supplied if the ticket was issued by a travel agent.
Internet Indicator Positions: 165 Length: 1 Format: alphanumeric	Description: Indicates if this is an Internet transaction. Values: Y = Yes N = No
Electronic Ticket Indicator Positions: 166 Length: 1 Format: alphanumeric	Description: This field will contain a value to indicate that the ticket was purchased electronically.
Reserved Positions: 167-168 Length: 2 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 50 - TCR 0 - Commercial Card - Passenger Itinerary Data - Leg-Specific

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 0 - Commercial Card - Passenger Itinerary Data - Leg-Specific.

CTF - Outgoing and Incoming Interchange

Text Message Commercial Card - Passenger Itinerary Data - Leg-Specific 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
17-22	6	AN	Service Identifier
23-37	15	AN	Message Identifier
38-41	4	UN	Item Sequencing Field
42-54	13	AN	Conjunction Ticket Number
55-97	43	Group	Trip Leg 1 Information
98-140	43	Group	Trip Leg 2 Information
141-153	13	AN	Control ID
154-159	6	AN	Reserved
160-167	8	UN	Ticket Issue Date
168	1	AN	Reserved

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

Text Message Commercial Card - Passenger Itinerary Data - Leg-Specific Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 50 .
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 a BASE II transaction message is sent. This field must contain a valid acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message is sent. This field must contain a valid acquiring or issuing identifier.
Service Identifier Positions: 17-22 Length: 6 Format: alphanumeric	Description: Further identifies the type of transaction. If the record is created by an acquirer, this field must contain CORPAS . If the record is created by a third-party information provider, this field must contain COMMAS .
Message Identifier Positions: 23-37 Length: 15 Format: alphanumeric	Description: This field contains the Primary Ticket number (13 positions), left-justified, followed by two spaces. VIC Edit: This field cannot be zeros or spaces or two spaces followed by all zeros.
Item Sequencing Field Positions: 38-41 Length: 4 Format: unpacked numeric	Description: This field contains the current and total number of records for this transaction. Format is XXYY , where XX is the current record and YY is the total number of records.

Text Message Commercial Card - Passenger Itinerary Data - Leg-Specific Edit Criteria

Conjunction Ticket Number Positions: 42-54 Length: 13 Format: alphanumeric	Description: The primary ticket number for the first four legs of the trip. This field should be left-justified.
Trip Leg 1 Information Positions: 55-97 Length: 43 Format: group	Description: Description of the first leg of the trip.
Coupon Number Positions: 55 Length: 1 Format: unpacked numeric	Description: Number of coupons in the ticket. Values: 1 2 3 4
Carrier Code Positions: 56-57 Length: 2 Format: alphanumeric	Description: Carrier identification.
Flight Number Positions: 58-62 Length: 5 Format: alphanumeric	Description: Number of the airline flight.
Service Class Positions: 63-64 Length: 2 Format: alphanumeric	Description: Class of service (first class, business class etc.)
Origination City/Airport Code Positions: 65-69 Length: 5 Format: alphanumeric	Description: Indicates origination city's airport code.
Stop-Over Code Positions: 70 Length: 1 Format: alphanumeric	Description: Indicates whether a stop-over is allowed on this ticket. Values: O = Stop-Over allowed X = Stop-Over not allowed

Text Message Commercial Card - Passenger Itinerary Data - Leg-Specific Edit Criteria

Destination City/Airport Code Positions: 71-75 Length: 5 Format: alphanumeric	Description: Indicates destination city's airport code.
Fare Basis Code Positions: 76-83 Length: 8 Format: alphanumeric	Description: Indicates the class of airline ticket (first class, business class etc.).
Departure Date Positions: 84-89 Length: 6 Format: unpacked numeric	Description: The date the flight is scheduled to depart. The format for this field is MMDDYY .
Departure Time Positions: 90-93 Length: 4 Format: unpacked numeric	Description: The time the flight is scheduled to depart. The format for this field is military time, HHMM .
Arrival Time Positions: 94-97 Length: 4 Format: unpacked numeric	Description: The time the flight is scheduled to arrive. The format for this field is military time, HHMM .
Trip Leg 2 Information Positions: 98-140 Length: 43 Format: group	Description: Description of the second leg of the trip.
Coupon Number Positions: 98 Length: 1 Format: unpacked numeric	Description: Number of coupons in the ticket. Values: 1 2 3 4
Carrier Code Positions: 99-100 Length: 2 Format: alphanumeric	Description: Carrier identification.

Text Message Commercial Card - Passenger Itinerary Data - Leg-Specific Edit Criteria

Flight Number Positions: 101-105 Length: 5 Format: alphanumeric	Description: Number of the airline flight.
Service Class Positions: 106-107 Length: 2 Format: alphanumeric	Description: Class of service (first class, business class etc.).
Origination City / Airport Code Positions: 108-112 Length: 5 Format: alphanumeric	Description: Indicates origination city's airport code.
Stop-Over Code Positions: 113 Length: 1 Format: alphanumeric	Description: Indicates whether a stop-over is allowed on this ticket. Values: O = Stop-Over allowed X = Stop-Over not allowed
Destination City/Airport Code Positions: 114-118 Length: 5 Format: alphanumeric	Description: Indicates destination city's airport code.
Fare Basis Code Positions: 119-126 Length: 8 Format: alphanumeric	Description: Indicates the class of airline ticket (first class, business class, etc.).
Departure Date Positions: 127-132 Length: 6 Format: unpacked numeric	Description: The date the flight is scheduled to depart. The format for this field is MMDDYY .
Departure Time Positions: 133-136 Length: 4 Format: unpacked numeric	Description: The time the flight is scheduled to depart. The format for this field is military time, HHMM .

Text Message Commercial Card - Passenger Itinerary Data - Leg-Specific Edit Criteria

Arrival Time Positions: 137-140 Length: 4 Format: unpacked numeric	Description: The time the flight is scheduled to arrive. The format for this field is military time, HHMM .
Control ID Positions: 141-153 Length: 13 Format: alphanumeric	Description: This field will contain an identifier assigned at the time of reservation.
Reserved Positions: 154-159 Length: 6 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Ticket Issue Date Positions: 160-167 Length: 8 Format: unpacked numeric	Description: The date the ticket is issued. The format for this field is MMDDYYYY .
Reserved Positions: 168 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 50 - TCR 0 - Commercial Card - Fleet Service

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 0 - Commercial Card - Fleet Service.

CTF - Outgoing and Incoming Interchange

Text Message Commercial Card - Fleet Service Record Layout

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

Text Message Commercial Card - Fleet Service 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
17-22	6	AN	Service Identifier
23-37	15	AN	Message Identifier
38-40	3	UN	Item Sequence Number
41	1	AN	Federal Excise Tax (Non-Fuel) Exemption Status
42-53	12	UN	Federal Excise Tax (Non-Fuel)
54	1	AN	Federal Excise Tax (Fuel) Exemption Status
55-66	12	UN	Federal Excise Tax (Fuel)
67	1	AN	State Motor Fuel Tax Exemption Status
68-79	12	UN	State Motor Fuel Tax
80	1	AN	County Fuel Sales Tax Exemption Status
81-92	12	UN	County Fuel Sales Tax
93	1	AN	Non-Fuel State and Local Sales Tax Exemption Status
94-105	12	UN	Non-Fuel State and Local Sales Tax
106	1	AN	County Motor Fuel Tax Exemption Status
107-118	12	UN	County Motor Fuel Tax
119	1	AN	City Sales Fuel Tax Exemption Status
120-131	12	UN	City Sales Fuel Tax
132	1	AN	City Motor Fuel Tax Exemption Status
133-144	12	UN	City Motor Fuel Tax
145	1	AN	Secondary State Fuel Tax Exemption Status
146-157	12	UN	Secondary State Fuel Tax
158-168	11	AN	Reserved

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

Text Message Commercial Card - Fleet Service Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 50 .
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 acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message is sent. This field must contain a valid acquiring or issuing identifier.
Service Identifier Positions: 17-22 Length: 6 Format: alphanumeric	Description: Further identifies the type of transaction. The valid value for this field is COMFLT .
Message Identifier Positions: 23-37 Length: 15 Format: alphanumeric	Description: This field is used to link the draft data and related text message transactions. The contents of this field should match that of the related draft data transaction's Message Identifier field. VIC Edit: The field cannot contain all zeros or spaces or two spaces followed by zeros.
Item Sequence Number Positions: 38-40 Length: 3 Format: unpacked numeric	Description: Sequence number of the item. This field must be numeric. If the entry is not numeric, the BASE II VIC will insert zeros.

Text Message Commercial Card - Fleet Service Edit Criteria

Federal Excise Tax (Non-Fuel) Exemption Status Positions: 41 Length: 1 Format: alphanumeric	Description: Indicates whether transaction is exempt from federal excise tax (non-fuel). The field may contain one of the following: 0 = Non-Exempt 1 = Exempt
Federal Excise Tax (Non-Fuel) Positions: 42-53 Length: 12 Format: unpacked numeric	Description: Federal excise tax on non-fuel purchases. The field must be numeric. It may contain zeros. The field contains two implied decimal places. If the entry is not numeric, the BASE II VIC will insert zeros.
Federal Excise Tax (Fuel) Exemption Status Positions: 54 Length: 1 Format: alphanumeric	Description: Indicates whether transaction is exempt from excise tax (Federal) on fuel purchase. The field should contain one of the following: 0 = Non-Exempt 1 = Exempt
Federal Excise Tax (Fuel) Positions: 55-66 Length: 12 Format: unpacked numeric	Description: Federal excise tax on fuel purchases. The field must be numeric. It may contain zeros. The field contains two implied decimal places. If the entry is not numeric, the BASE II VIC will insert zeros.
State Motor Fuel Tax Exemption Status Positions: 67 Length: 1 Format: alphanumeric	Description: Indicates whether transaction is exempt from any state taxes on fuel purchases. The field should contain one of the following: 0 = Non-Exempt 1 = Exempt
State Motor Fuel Tax Positions: 68-79 Length: 12 Format: unpacked numeric	Description: State sales tax on fuel purchases. The field must be numeric. It may contain zeros. The field contains two implied decimal places. If the entry is not numeric, the BASE II VIC will insert zeros.
County Fuel Sales Tax Exemption Status Positions: 80 Length: 1 Format: alphanumeric	Description: Indicates whether the transaction is exempt from any county sales taxes on fuel purchases. The field should contain one of the following: 0 = Non-Exempt 1 = Exempt
County Fuel Sales Tax Positions: 81-92 Length: 12 Format: unpacked numeric	Description: County sales tax on fuel purchases. The field must be numeric. It may contain zeros. The field contains two implied decimal places. If the entry is not numeric, the BASE II VIC will insert zeros.

Text Message Commercial Card - Fleet Service Edit Criteria

Non-Fuel State and Local Sales Tax Exemption Status Positions: 93 Length: 1 Format: alphanumeric	Description: Indicates whether transaction is exempt from any state and local taxes. The field should contain one of the following: 0 = Non-Exempt 1 = Exempt
Non-Fuel State and Local Sales Tax Positions: 94-105 Length: 12 Format: unpacked numeric	Description: State and local taxes on non-fuel purchases. The field must be numeric. It may contain zeros. The field contains two implied decimal places. If the entry is not numeric, the BASE II VIC will insert zeros.
County Motor Fuel Tax Exemption Status Positions: 106 Length: 1 Format: alphanumeric	Description: The field should contain one of the following: 0 = Non-Exempt 1 = Exempt
County Motor Fuel Tax Positions: 107-118 Length: 12 Format: unpacked numeric	Description: The field must be numeric. It may contain zeros. The field contains two implied decimal places. If the entry is not numeric, the BASE II VIC will insert zeros.
City Sales Fuel Tax Exemption Status Positions: 119 Length: 1 Format: alphanumeric	Description: Indicates if transaction is exempt from city sales tax. The field should contain one of the following: 0 = Non-Exempt 1 = Exempt
City Sales Fuel Tax Positions: 120-131 Length: 12 Format: unpacked numeric	Description: City sales tax on gas/fuel purchase. The field must be numeric. It may contain zeros. The field contains two implied decimal places. If the entry is not numeric, the BASE II VIC will insert zeros.
City Motor Fuel Tax Exemption Status Positions: 132 Length: 1 Format: alphanumeric	Description: Indicates if transaction is exempt from city fuel tax. The field should contain one of the following: 0 = Non-Exempt 1 = Exempt
City Motor Fuel Tax Positions: 133-144 Length: 12 Format: unpacked numeric	Description: Amount of city tax charged on gas/fuel purchase. The field must be numeric. It may contain zeros. The field contains two implied decimal places. If the entry is not numeric, the BASE II VIC will insert zeros.

Text Message Commercial Card - Fleet Service Edit Criteria

Secondary State Fuel Tax Exemption Status Positions: 145 Length: 1 Format: alphanumeric	Description: The field should contain one of the following: 0 = Non-Exempt 1 = Exempt
Secondary State Fuel Tax Positions: 146-157 Length: 12 Format: unpacked numeric	Description: The field must be numeric. It may contain zeros. The field contains two implied decimal places. If the entry is not numeric, the BASE II VIC will insert zeros.
Reserved Positions: 158-168 Length: 11 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 50 - TCR 1 - Commercial Card - Fleet Service

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 1 - Commercial Card - Fleet Service.

CTF - Outgoing and Incoming Interchange

Text Message Commercial Card - Fleet Service 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	Federal Sales Tax Exemption Status
6-17	12	UN	Federal Sales Tax
18-21	4	AN	Fuel Brand
22-26	5	AN	Fuel Transaction Validation Results
27	1	AN	Fuel Acceptance Mode
28-47	20	AN	Driver Identification

Text Message Commercial Card - Fleet Service Record Layout

Position	Field Length	Format	Contents
48-57	10	AN	Job Number
58-65	8	AN	Fleet Number
66-79	14	AN	Vehicle Registration Number
80-168	89	AN	Reserved

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

Text Message Commercial Card - Fleet Service Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 50 .
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 .
Federal Sales Tax Exemption Status Positions: 5 Length: 1 Format: alphanumeric	Description: The field should contain one of the following: 0 = Non-Exempt 1 = Exempt
Federal Sales Tax Positions: 6-17 Length: 12 Format: unpacked numeric	Description: The field must be numeric. It may contain zeros. The field contains two implied decimal places. If the entry is not numeric, the BASE II VIC will insert zeros.
Fuel Brand Positions: 18-21 Length: 4 Format: alphanumeric	Description: This field will contain the fuel brand. This field should be left-justified.

Text Message Commercial Card - Fleet Service Edit Criteria

Fuel Transaction Validation Results Positions: 22-26 Length: 5 Format: alphanumeric	Description: This field will contain the fuel transaction validation results. This field should be left-justified.
Fuel Acceptance Mode Positions: 27 Length: 1 Format: alphanumeric	Description: This field will contain the fuel acceptance mode.
Driver Identification Positions: 28-47 Length: 20 Format: alphanumeric	Description: This field will contain the driver identification. This field should be left-justified.
Job Number Positions: 48-57 Length: 10 Format: alphanumeric	Description: This field will contain the job number. This field should be left-justified.
Fleet Number Positions: 58-65 Length: 8 Format: alphanumeric	Description: This field will contain the fleet number. This field should be left-justified.
Vehicle Registration Number Positions: 66-79 Length: 14 Format: alphanumeric	Description: This field will contain the vehicle registration number. This field should be left-justified.
Reserved Positions: 80-168 Length: 89 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 50 - TCR 2 - Commercial Card - Fleet Service

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 2 - Commercial Card - Fleet Service.

CTF - Outgoing and Incoming Interchange

Text Message Commercial Card - Fleet Service 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	AN	Expanded Non-Fuel Product Code 1
9-12	4	UN	Expanded Non-Fuel Product Code 1 Quantity
13-24	12	UN	Expanded Non-Fuel Product Code 1 Unit Cost
25-28	4	AN	Expanded Non-Fuel Product Code 2
29-32	4	UN	Expanded Non-Fuel Product Code 2 Quantity
33-44	12	UN	Expanded Non-Fuel Product Code 2 Unit Cost
45-48	4	AN	Expanded Non-Fuel Product Code 3
49-52	4	UN	Expanded Non-Fuel Product Code 3 Quantity
53-64	12	UN	Expanded Non-Fuel Product Code 3 Unit Cost
65-68	4	AN	Expanded Non-Fuel Product Code 4
69-72	4	UN	Expanded Non-Fuel Product Code 4 Quantity
73-84	12	UN	Expanded Non-Fuel Product Code 4 Unit Cost
85-168	84	AN	Reserved

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

Text Message Commercial Card - Fleet Service Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 50 .
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 .
Expanded Non-Fuel Product Code 1 Positions: 5-8 Length: 4 Format: alphanumeric	Description: This field will contain the Expanded Non-Fuel Product Code 1. This field should be left-justified and space-filled.
Expanded Non-Fuel Product Code 1 Quantity Positions: 9-12 Length: 4 Format: unpacked numeric	Description: This field will contain the Expanded Non-Fuel Product Code 1 Quantity. This field should be right-justified and zero-filled.
Expanded Non-Fuel Product Code 1 Unit Cost Positions: 13-24 Length: 12 Format: unpacked numeric	Description: This field will contain the Expanded Non-Fuel Product Code 1 Unit Cost. This field should be right-justified, with two implied decimal places and zero-filled.
Expanded Non-Fuel Product Code 2 Positions: 25-28 Length: 4 Format: alphanumeric	Description: This field will contain the Expanded Non-Fuel Product Code 2. This field should be left-justified and space-filled.

Text Message Commercial Card - Fleet Service Edit Criteria

Expanded Non-Fuel Product Code 2 Quantity Positions: 29-32 Length: 4 Format: unpacked numeric	Description: This field will contain the Expanded Non-Fuel Product Code 2 Quantity. This field should be right-justified and zero-filled.
Expanded Non-Fuel Product Code 2 Unit Cost Positions: 33-44 Length: 12 Format: unpacked numeric	Description: This field will contain the Expanded Non-Fuel Product Code 2 Unit Cost. This field should be right-justified, with two implied decimal places and zero-filled.
Expanded Non-Fuel Product Code 3 Positions: 45-48 Length: 4 Format: alphanumeric	Description: This field will contain the Expanded Non-Fuel Product Code 3. This field should be left-justified and space-filled.
Expanded Non-Fuel Product Code 3 Quantity Positions: 49-52 Length: 4 Format: unpacked numeric	Description: This field will contain the Expanded Non-Fuel Product Code 3 Quantity. This field should be right-justified and zero-filled.
Expanded Non-Fuel Product Code 3 Unit Cost Positions: 53-64 Length: 12 Format: unpacked numeric	Description: This field will contain the Expanded Non-Fuel Product Code 3 Unit Cost. This field should be right-justified, with two implied decimal places and zero-filled.
Expanded Non-Fuel Product Code 4 Positions: 65-68 Length: 4 Format: alphanumeric	Description: This field will contain the Expanded Non-Fuel Product Code 4. This field should be left-justified and space-filled.
Expanded Non-Fuel Product Code 4 Quantity Positions: 69-72 Length: 4 Format: unpacked numeric	Description: This field will contain the Expanded Non-Fuel Product Code 4 Quantity. This field should be right-justified and zero-filled.

Text Message Commercial Card - Fleet Service Edit Criteria

Expanded Non-Fuel Product Code 4 Unit Cost Positions: 73-84 Length: 12 Format: unpacked numeric	Description: This field will contain the Expanded Non-Fuel Product Code 4 Unit Cost This field should be right-justified, with two implied decimal places and zero-filled.
Reserved Positions: 85-168 Length: 84 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 50 - TCR 0 - Commercial Card - Generic Data

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 0 - Commercial Card - Generic Data.

CTF - Outgoing and Incoming Interchange

Text Message Commercial Card - Generic 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
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-22	6	AN	Service Identifier
23-37	15	AN	Message Identifier
38-41	4	UN	Item Sequencing Field
42-57	16	UN	Account Number
58-60	3	UN	Account Number Extension
61-64	4	UN	Purchase Date
65-76	12	UN	Source Amount

Text Message Commercial Card - Generic Data Record Layout

Position	Field Length	Format	Contents
77-101	25	AN	Merchant Name
102-105	4	UN	Merchant Category Code
106-110	5	UN	Merchant ZIP code
111-135	25	AN	Merchant Order Number
136-147	12	UN	Local Tax
148-159	12	UN	National Tax
160-163	4	AN	Summary Commodity Code
164-168	5	AN	Reserved

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

Text Message Commercial Card - Generic Data Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 50 .
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 acquiring or issuing identifier.

Text Message Commercial Card - Generic Data Edit Criteria

Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message is sent. This field must contain a valid acquiring or issuing identifier.
Service Identifier Positions: 17-22 Length: 6 Format: alphanumeric	Description: Further identifies the type of transaction. This field must contain COMMGN .
Message Identifier Positions: 23-37 Length: 15 Format: alphanumeric	Description: If data is provided in the additional data, line item detail, or passenger itinerary TC 50s, this field must contain the message identifier used to link the transactions. VIC Edit: This field cannot be zeros or spaces or two spaces followed by all zeros.
Item Sequencing Field Positions: 38-41 Length: 4 Format: unpacked numeric	Description: This field contains the current and total number of records for this transaction. The format is XXYY , where XX is the current record and YY is the total number of records.
Account Number Positions: 42-57 Length: 16 Format: unpacked numeric	Description: An issuer-assigned number that identifies a cardholder's account. This entry must be a 16-digit number.
Account Number Extension Positions: 58-60 Length: 3 Format: unpacked numeric	Description: A three-digit extension of the account number that allows account numbers up to 19 digits. This entry must be left-justified and zero-filled.
Purchase Date Positions: 61-64 Length: 4 Format: unpacked numeric	Description: Contains the date the purchase made. Format is MMDD .
Source Amount Positions: 65-76 Length: 12 Format: unpacked numeric	Description: Identifies the submitted transaction amount in the currency that is appropriate to the source endpoint. Two decimal places are implied.

Text Message Commercial Card - Generic Data Edit Criteria

Merchant Name Positions: 77-101 Length: 25 Format: alphanumeric	Description: Contains the merchant's name. This field should be left-justified.
Merchant Category Code Positions: 102-105 Length: 4 Format: unpacked numeric	Description: Identifies the merchant's principal line of business.
Merchant ZIP Code Positions: 106-110 Length: 5 Format: unpacked numeric	Description: Contains the merchant's postal code. This entry must be numeric, may be zeros.
Merchant Order Number Positions: 111-135 Length: 25 Format: alphanumeric	Description: Merchant invoice number. This field must be numeric and may contain zeros. Two decimal places are implied.
Local Tax Positions: 136-147 Length: 12 Format: unpacked numeric	Description: Used to indicate the amount of local tax included in the transaction amount. This field must be numeric and may contain zeros. Two decimal places are implied.
National Tax Positions: 148-159 Length: 12 Format: unpacked numeric	Description: Amount of national tax on this purchase. Must be expressed in same currency as source amount. This field must be numeric and may contain zeros. Two decimal places are implied.
Summary Commodity Code Positions: 160-163 Length: 4 Format: alphanumeric	Description: Contains the national standard coding structure for the description of goods.
Reserved Positions: 164-168 Length: 5 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 50 - TCR 0 - Commercial Card - Lodging

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 0 - Commercial Card - Lodging.

CTF - Outgoing and Incoming Interchange

Text Message Commercial Card - Lodging 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
17-22	6	AN	Service Identifier
23-37	15	AN	Message Identifier
38-40	3	UN	Item Sequence Number
41-52	12	UN	Valet Parking Charges
53-64	12	UN	Minibar Charges
65-76	12	UN	Laundry Charges
77-88	12	UN	Telephone Charges
89-100	12	UN	Gift Shop Purchases
101-112	12	UN	Movie Charges
113-124	12	UN	Business Center Charges
125-136	12	UN	Health Club Charges
137-148	12	UN	Other Charges
149-160	12	UN	Total Non-Room Charges
161-168	8	AN	Reserved

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

Text Message Commercial Card - Lodging Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 50 .
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 acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message is sent. This field must contain a valid acquiring or issuing identifier.
Service Identifier Positions: 17-22 Length: 6 Format: alphanumeric	Description: Further identifies the type of transaction. This field must contain CORPLG .
Message Identifier Positions: 23-37 Length: 15 Format: alphanumeric	Description: This field is used to link the draft data and related message text transactions. The contents of this field should match that of the related draft data transaction's Message Identifier field. VIC Edit: The entry cannot be zeros or spaces or two spaces followed by all zeros.
Item Sequence Number Positions: 38-40 Length: 3 Format: unpacked numeric	Description: Sequence number of the item. This field must be numeric. If the entry is not numeric, the BASE II VIC will insert zeros.

Text Message Commercial Card - Lodging Edit Criteria

Valet Parking Charges Positions: 41-52 Length: 12 Format: unpacked numeric	Description: Any charges for valet parking while staying at lodging. The entry must be numeric; two decimal places are implied. The entry may be zeros. If the entry is not numeric, the BASE II VIC will insert zeros.
Minibar Charges Positions: 53-64 Length: 12 Format: unpacked numeric	Description: Any charges for minibar purchases while staying at lodging. The entry must be numeric; two decimal places are implied. The entry may be zeros. If the entry is not numeric, the BASE II VIC will insert zeros.
Laundry Charges Positions: 65-76 Length: 12 Format: unpacked numeric	Description: Any charges for laundry while staying at lodging. The entry must be numeric; two decimal places are implied. The entry may be zeros. If the entry is not numeric, the BASE II VIC will insert zeros.
Telephone Charges Positions: 77-88 Length: 12 Format: unpacked numeric	Description: Any charges for telephone calls while staying at lodging. The entry must be numeric; two decimal places are implied. The entry may be zeros. If the entry is not numeric, the BASE II VIC will insert zeros.
Gift Shop Purchases Positions: 89-100 Length: 12 Format: unpacked numeric	Description: Any charges for gift shop purchase while staying at lodging. The entry must be numeric; two decimal places are implied. The entry may be zeros. If the entry is not numeric, the BASE II VIC will insert zeros.
Movie Charges Positions: 101-112 Length: 12 Format: unpacked numeric	Description: Any charges for movies watched while staying at lodging. The entry must be numeric; two decimal places are implied. The entry may be zeros. If the entry is not numeric, the BASE II VIC will insert zeros.
Business Center Charges Positions: 113-124 Length: 12 Format: unpacked numeric	Description: Any charges for use a business center while staying at lodging. The entry must be numeric; two decimal places are implied. The entry may be zeros. If the entry is not numeric, the BASE II VIC will insert zeros.
Health Club Charges Positions: 125-136 Length: 12 Format: unpacked numeric	Description: Any charges for use of health club while staying at lodging. The entry must be numeric; two decimal places are implied. The entry may be zeros. If the entry is not numeric, the BASE II VIC will insert zeros.

Text Message Commercial Card - Lodging Edit Criteria

Other Charges Positions: 137-148 Length: 12 Format: unpacked numeric	Description: Any other charges that the guest accumulated while staying at the lodging. The entry must be numeric; two decimal places are implied. The entry may be zeros. If the entry is not numeric, the BASE II VIC will insert zeros.
Total Non-Room Charges Positions: 149-160 Length: 12 Format: unpacked numeric	Description: Total amount of all non-room charges. This field must be numeric and may contain zeros. Two decimal places are implied.
Reserved Positions: 161-168 Length: 8 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 50 - TCR 0 - Commercial Card - Car Rental

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 0 - Commercial Card - Car Rental.

CTF - Outgoing and Incoming Interchange

Text Message Commercial Card - Car Rental 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
17-22	6	AN	Service Identifier
23-37	15	AN	Message Identifier
38-40	3	UN	Item Sequence Number
41-52	12	UN	Auto Towing

Text Message Commercial Card - Car Rental Record Layout

Position	Field Length	Format	Contents
53-64	12	UN	Regular Mileage Charges
65-76	12	UN	Extra-Mileage Charges
77-88	12	UN	Late Return Charges/Hourly Rate
89-113	25	AN	Location (City) Car Returned To
114-125	12	UN	Total Tax/VAT
126-137	12	UN	Telephone Charges
138-149	12	UN	Other Charges
150-161	12	AN	Corporate ID
162-168	7	AN	Reserved

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

Text Message Commercial Card - Car Rental Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 50 .
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 acquiring or issuing identifier.

Text Message Commercial Card - Car Rental Edit Criteria

Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message is sent. This field must contain a valid acquiring or issuing identifier.
Service Identifier Positions: 17-22 Length: 6 Format: alphanumeric	Description: Further identifies the type of transaction. This field must contain CORPCA .
Message Identifier Positions: 23-37 Length: 15 Format: alphanumeric	Description: This field is used to link the draft data and related text message transactions. The contents of this field should match that of the related draft data transaction's Message Identifier field. VIC Edit: The entry cannot be zeros or spaces or two spaces followed by all zeros.
Item Sequence Number Positions: 38-40 Length: 3 Format: unpacked numeric	Description: Sequence number of the item. This field must be numeric. If the entry is not numeric, the BASE II VIC will insert zeros.
Auto Towing Positions: 41-52 Length: 12 Format: unpacked numeric	Description: Amount charged if vehicle towed. The entry must be numeric; two decimal places are implied. The entry may be zeros. If the entry is not numeric, the BASE II VIC will insert zeros.
Regular Mileage Charges Positions: 53-64 Length: 12 Format: unpacked numeric	Description: Amount of charges for mileage. The entry must be numeric; two decimal places are implied. The entry may be zeros.
Extra-Mileage Charges Positions: 65-76 Length: 12 Format: unpacked numeric	Description: Any charges for extra-mileage on the returned vehicle. The entry must be numeric; two decimal places are implied. The entry may be zeros.
Late Return Charges/Hourly Rate Positions: 77-88 Length: 12 Format: unpacked numeric	Description: Charges (Hourly Rate) for late return of vehicle. The entry must be numeric; two decimal places are implied. The entry may be zeros.

Text Message Commercial Card - Car Rental Edit Criteria

Location (City) Car Returned To Positions: 89-113 Length: 25 Format: alphanumeric	Description: City the rental vehicle was returned to. The field may contain spaces.
Total Tax/VAT Positions: 114-125 Length: 12 Format: unpacked numeric	Description: Total tax amount. The entry must be numeric; two decimal places are implied. The entry may be zeros.
Telephone Charges Positions: 126-137 Length: 12 Format: unpacked numeric	Description: Any telephone charges. The entry must be numeric; two decimal places are implied. The entry may be zeros.
Other Charges Positions: 138-149 Length: 12 Format: unpacked numeric	Description: Amount of any other charges. The entry must be numeric; two decimal places are implied. The entry may be zeros.
Corporate ID Positions: 150-161 Length: 12 Format: alphanumeric	Description: Corporate identifier. The field may be space-filled.
Reserved Positions: 162-168 Length: 7 Format: alphanumeric	Description: The field is reserved for future use. EP will always space-fill.

TC 50 - TCR 0 - Commercial Card - Invoice (Header and Summary)

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 0 - Commercial Card - Invoice (Header and Summary).

CTF - Outgoing and Incoming Interchange

Text Message Commercial Card - Invoice (Header And Summary) 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
17-22	6	AN	Service Identifier
23-37	15	AN	Message Identifier
38-40	3	UN	Item Sequence Number
41-52	12	UN	Discount Amount
53-64	12	UN	Freight/Shipping Amount
65-76	12	UN	Duty Amount
77-86	10	AN	Destination Postal/ZIP Code
87-96	10	AN	Ship From Postal/ZIP Code
97-99	3	AN	Destination Country Code
100-114	15	AN	Unique VAT Invoice Reference Number
115-120	6	UN	Order Date (YYMMDD)
121-136	16	UN	Account Number
137-139	3	AN	Account Number Extension
140-151	12	UN	VAT/Tax Amount (Freight/Shipping)
152-155	4	UN	VAT/Tax Rate (Freight/Shipping)
156-161	6	AN	Authorization Code
162	1	AN	Reserved
163	1	UN	Invoice Level Discount Treatment Code
164	1	UN	Tax Treatments
165	1	AN	Discount Amount Signage
166	1	AN	Freight/Shipping Amount Signage
167	1	AN	Duty Amount Signage
168	1	AN	VAT/Tax Amount Signage

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

Text Message Commercial Card - Invoice (Header And Summary) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 50 .
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 acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message is sent. This field must contain a valid acquiring or issuing identifier.
Service Identifier Positions: 17-22 Length: 6 Format: alphanumeric	Description: Further identifies the transaction. This field must contain PURCHA . For backward compatibility this field may alternatively contain COMMXA .
Message Identifier Positions: 23-37 Length: 15 Format: alphanumeric	Description: This field is used to link the draft data and related text message transactions. The contents of this field should match that of the related draft data transaction's Message Identifier field. VIC Edit: The entry cannot be zeros or spaces or two spaces followed by all zeros.
Item Sequence Number Positions: 38-40 Length: 3 Format: unpacked numeric	Description: Sequence number of the item. This field must be numeric. If the entry is not numeric, the BASE II VIC will insert zeros.

Text Message Commercial Card - Invoice (Header And Summary) Edit Criteria

Discount Amount Positions: 41-52 Length: 12 Format: unpacked numeric	Description: Discount given to cardholder. The entry must be numeric; two decimal places are implied. The entry may be zeros. If the entry is not numeric, the BASE II VIC will insert zeros.
Freight/Shipping Amount Positions: 53-64 Length: 12 Format: unpacked numeric	Description: The entry must be numeric; two decimal places are implied. The entry may contain zeros. If the entry is not numeric, the BASE II VIC will insert zeros.
Duty Amount Positions: 65-76 Length: 12 Format: unpacked numeric	Description: Amount of duty taxes. The entry must be numeric; two decimal places are implied. The entry may contain zeros. If the entry is not numeric, the BASE II VIC will insert zeros.
Destination Postal/ZIP Code Positions: 77-86 Length: 10 Format: alphanumeric	Description: Postal code of the destination. The field may contain spaces.
Ship From Postal/ZIP Code Positions: 87-96 Length: 10 Format: alphanumeric	Description: Postal code of the location being shipped from. The field may contain spaces.
Destination Country Code Positions: 97-99 Length: 3 Format: alphanumeric	Description: Country code of the destination. The field may contain spaces.
Unique VAT Invoice Reference Number Positions: 100-114 Length: 15 Format: alphanumeric	Description: Value added tax invoice reference number. The field may contain spaces.
Order Date Positions: 115-120 Length: 6 Format: unpacked numeric	Description: Date the order was taken. The entry should be a six-digit numeric, either zeros or a valid date, in the format YYMMDD . If the entry is not numeric, the BASE II VIC will insert zeros.

Text Message Commercial Card - Invoice (Header And Summary) Edit Criteria

Account Number Positions: 121-136 Length: 16 Format: unpacked numeric	Description: An issuer-assigned number that identifies a cardholder's account. The entry must be a 16-digit number. If the entry is not numeric, the BASE II VIC will insert zeros.
Account Number Extension Positions: 137-139 Length: 3 Format: alphanumeric	Description: A three-digit extension of the account number that allows account numbers up to 19 digits. If used, the entry should be left-justified and zero-filled. If the entry is not numeric, BASE II will insert zeros.
VAT/Tax Amount (Freight/Shipping) Positions: 140-151 Length: 12 Format: unpacked numeric	Description: Tax amount of the freight and shipping. Two decimal places are implied. If the entry is not numeric, the BASE II VIC will insert zeros.
VAT/Tax Rate (Freight/Shipping) Positions: 152-155 Length: 4 Format: unpacked numeric	Description: Two decimal places are implied. If the entry is not numeric, the BASE II VIC will insert zeros.
Authorization Code Positions: 156-161 Length: 6 Format: alphanumeric	Description: Authorization Code of the TC 05. VIC Edits: If the entry is not A - Z or 0 - 9 , the BASE II VIC will space-fill the field. Values: A - Z and 0 - 9 Outgoing Edit: If the entry is not valid, Edit Package will space-fill the field.
Reserved Positions: 162 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Invoice Level Discount Treatment Code Positions: 163 Length: 1 Format: unpacked numeric	Description: Indicates how the merchant is managing discounts. VIC Edits: If the entry is not 0, 1 or 2 , the BASE II VIC will insert zero. Values: 0 = no invoice level discount provided 1 = tax was calculated on the post-discount invoice total 2 = tax was calculated on the pre-discount invoice total Outgoing Edit: If the entry is not valid, Edit Package will zero-fill the field.

Text Message Commercial Card - Invoice (Header And Summary) Edit Criteria

Tax Treatments Positions: 164 Length: 1 Format: unpacked numeric	<p>Description: Indicates how the merchant is handling taxes.</p> <p>VIC Edits: If the entry is not 0-4, the BASE II VIC will zero-fill the field.</p> <p>Values:</p> <ul style="list-style-type: none"> 0 = NLL (Net Prices with tax calculated at line item level) 1 = NIL (Net Prices with tax calculated at invoice level) 2 = GLL (Gross prices given with tax information provided at line item level) 3 = GIL (Gross prices given with tax information provided at invoice level) 4 = NON (No tax applies (small supplier) on the invoice for the transaction) <p>Outgoing Edit: If the entry is not valid, Edit Package will zero-fill the field.</p>
Discount Amount Signage Positions: 165 Length: 1 Format: alphanumeric	<p>Description: Indicates if the Discount Amount should be interpreted as Negative or Positive. As a note, the Discount Amount as a positive value is considered to reduce the amount of the invoice or act as a negative.</p> <p>VIC Edits: If the entry is not ^ (space), C, or D, the BASE II VIC will space-fill the field.</p> <p>Values:</p> <ul style="list-style-type: none"> ^ (space) D = Discount Amount is considered as discount for the invoice (+) C = Discount Amount is considered as refund discount for the invoice (-) <p>Outgoing Edit: If the entry is not valid, Edit Package will space-fill the field.</p>
Freight/Shipping Amount Signage Positions: 166 Length: 1 Format: alphanumeric	<p>Description: Indicates if the Freight/Shipping Amount should be interpreted as Negative or Positive.</p> <p>VIC Edits: If the entry is not ^ (space), C or D, the BASE II VIC will space-fill the field.</p> <p>Values:</p> <ul style="list-style-type: none"> ^ (space) D = Freight/Shipping Amount is considered positive for the invoice (+) C = Freight/Shipping Amount is considered negative for the invoice (-) <p>Outgoing Edit: If the entry is not valid, Edit Package will space-fill the field.</p>

Text Message Commercial Card - Invoice (Header And Summary) Edit Criteria

Duty Amount Signage Positions: 167 Length: 1 Format: alphanumeric	Description: Indicates if the Duty Amount should be interpreted as Negative or Positive. VIC Edits: If the entry is not ^ (space), C or D , the BASE II VIC will space-fill the field. Values: ^ (space) D = Duty Amount is considered positive for the invoice (+) C = Duty Amount is considered negative for the invoice (-) Outgoing Edit: If the entry is not valid, Edit Package will space-fill the field.
VAT/Tax Amount Signage Positions: 168 Length: 1 Format: alphanumeric	Description: Indicates if the VAT/Tax Amount should be interpreted as Negative or Positive. VIC Edits: If the entry is not ^ (space), C or D , the BASE II VIC will space-fill the field. Values: ^ (space) D = VAT/Tax Amount is considered positive for the invoice (+) C = VAT/Tax Amount is considered negative for the invoice (-) Outgoing Edit: If the entry is not valid, Edit Package will space-fill the field.

TC 50 - TCR 0 - Commercial Card - Lodging (Additional Data Elements)

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 0 - Commercial Card - Lodging (Additional Data Elements).

CTF - Outgoing and Incoming Interchange

Text Message Commercial Card - Lodging (Additional Data Elements) 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

Text Message Commercial Card - Lodging (Additional Data Elements) Record Layout

Position	Field Length	Format	Contents
17-22	6	AN	Service Identifier
23-37	15	AN	Message Identifier
38-40	3	UN	Item Sequence Number
41-52	12	UN	Discount Amount
53-64	12	UN	Freight/Shipping Amount
65-76	12	UN	Duty Amount
77-86	10	AN	Destination Postal/ZIP Code
87-96	10	AN	Ship From Postal/ZIP Code
97-99	3	AN	Destination Country Code
100-114	15	AN	Unique VAT Invoice Reference Number
115-120	6	UN	Order Date (YYMMDD)
121-136	16	UN	Account Number
137-139	3	AN	Account Number Extension
140-151	12	UN	VAT/Tax Amount (Freight/Shipping)
152-155	4	UN	VAT/Tax Rate (Freight/Shipping)
156-168	13	AN	Reserved

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

Text Message Commercial Card - Lodging (Additional Data Elements) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 50 .
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.

Text Message Commercial Card - Lodging (Additional Data Elements) Edit Criteria

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 acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message is sent. This field must contain a valid acquiring or issuing identifier.
Service Identifier Positions: 17-22 Length: 6 Format: alphanumeric	Description: Further identifies the type of transaction. If the record is created by an acquirer, this field must contain CORPLA . If the record is created by a third party information provider, this field must contain COMMMA .
Message Identifier Positions: 23-37 Length: 15 Format: alphanumeric	Description: For acquirers, this field is used to link the draft data and related text message transactions. The contents of this field should match that of the related draft data transaction's Message Identifier field. For third-party information providers, this field is used to link the TC 50, TCR 0 Commercial Card Generic Data and related text message transactions. The contents of this field should match that of the related TC 50, TCR 0 Commercial Card Generic Data transaction's Message Identifier. VIC Edit: This field cannot be zeros or spaces or two spaces followed by all zeros.
Item Sequence Number Positions: 38-40 Length: 3 Format: unpacked numeric	Description: Sequence number of the item. This field must be numeric. If the entry is not numeric, the BASE II VIC will insert zeros.
Discount Amount Positions: 41-52 Length: 12 Format: unpacked numeric	Description: Discount given to cardholder. The entry must be numeric; two decimal places are implied. The entry may be zeros. If the entry is not numeric, the BASE II VIC will insert zeros.

Text Message Commercial Card - Lodging (Additional Data Elements) Edit Criteria

Freight/Shipping Amount Positions: 53-64 Length: 12 Format: unpacked numeric	Description: Amount of freight or shipping. The entry must be numeric; two decimal places are implied. The entry may contain zeros. If the entry is not numeric, the BASE II VIC will insert zeros.
Duty Amount Positions: 65-76 Length: 12 Format: unpacked numeric	Description: Amount of duty taxes. The entry must be numeric; two decimal places are implied. The entry may contain zeros. If the entry is not numeric, the BASE II VIC will insert zeros.
Destination Postal/ZIP Code Positions: 77-86 Length: 10 Format: alphanumeric	Description: Postal code of the destination location. The field may contain spaces.
Ship From Postal/ZIP Code Positions: 87-96 Length: 10 Format: alphanumeric	Description: Postal code of the location being shipped from. The field may contain spaces.
Destination Country Code Positions: 97-99 Length: 3 Format: alphanumeric	Description: Country code of the destination. The field may contain spaces.
Unique VAT Invoice Reference Number Positions: 100-114 Length: 15 Format: alphanumeric	Description: Value Added Tax invoice reference number. The field may contain spaces.
Order Date (YYMMDD) Positions: 115-120 Length: 6 Format: unpacked numeric	Description: Date the order was taken. The entry should be a six-digit numeric, either zeros or a valid date, in the format YYMMDD . If the entry is not numeric, the BASE II VIC will insert zeros.
Account Number Positions: 121-136 Length: 16 Format: unpacked numeric	Description: An issuer-assigned number that identifies a cardholder's account. The entry must be a 16-digit number. If this field is not numeric, the BASE II VIC will inset zeros.

Text Message Commercial Card - Lodging (Additional Data Elements) Edit Criteria

Account Number Extension Positions: 137-139 Length: 3 Format: alphanumeric	Description: A three-digit extension of the account number that allows account numbers up to 19 digits. If used, the entry should be left-justified and zero-filled. If the entry is not numeric, the BASE II VIC will insert zeros.
VAT/Tax Amount (Freight/Shipping) Positions: 140-151 Length: 12 Format: unpacked numeric	Description: Tax amount of the freight and shipping. Two decimal places are implied. If the entry is not numeric, the BASE II VIC will insert zeros.
VAT/Tax Rate (Freight/Shipping) Positions: 152-155 Length: 4 Format: unpacked numeric	Description: Two decimal places are implied. If the entry is not numeric, the BASE II VIC will insert zeros.
Reserved Positions: 156-168 Length: 13 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 50 - TCR 0 - Commercial Card - Car Rental (Additional Data Elements)

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 0 - Commercial Card - Car Rental (Additional Data Elements).

CTF - Outgoing and Incoming Interchange

Text Message Commercial Card - Car Rental (Additional Data Elements) 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

Text Message Commercial Card - Car Rental (Additional Data Elements) Record Layout

Position	Field Length	Format	Contents
17-22	6	AN	Service Identifier
23-37	15	AN	Message Identifier
38-40	3	UN	Item Sequence Number
41-52	12	UN	Discount Amount
53-64	12	UN	Freight/Shipping Amount
65-76	12	UN	Duty Amount
77-86	10	AN	Destination Postal/ZIP Code
87-96	10	AN	Ship From Postal/ZIP Code
97-99	3	AN	Destination Country Code
100-114	15	AN	Unique VAT Invoice Reference Number
115-120	6	UN	Order Date (YYMMDD)
121-136	16	UN	Account Number
137-139	3	AN	Account Number Extension
140-151	12	UN	VAT/Tax Amount (Freight/Shipping)
152-155	4	UN	VAT/Tax Rate (Freight/Shipping)
156-168	13	AN	Reserved

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

Text Message Commercial Card - Car Rental (Additional Data Elements) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 50 .
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.

Text Message Commercial Card - Car Rental (Additional Data Elements) Edit Criteria

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 acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message is sent. This field must contain a valid acquiring or issuing identifier.
Service Identifier Positions: 17-22 Length: 6 Format: alphanumeric	Description: Further identifies the type of transaction. If the record is created by an acquirer, this field must contain CORPCD . If the record is created by a third-party information provider, this field must contain COMMCA .
Message Identifier Positions: 23-37 Length: 15 Format: alphanumeric	Description: For acquirers, this field is used to link the draft data and related text message transactions. The contents of this field should match that of the related draft data transaction's Message Identifier field. For third-party information providers, this field is used to link the TC 50, TCR 0 Commercial Card Generic Data and related text message transactions. The contents of this field should match that of the related TC 50, TCR 0 Commercial Card Generic Data transaction's Message Identifier. VIC Edit: The entry cannot be zeros or spaces or two spaces followed by all zeros.
Item Sequence Number Positions: 38-40 Length: 3 Format: unpacked numeric	Description: Sequence number of the item. This field must be numeric. If the entry is not numeric, the BASE II VIC will insert zeros.
Discount Amount Positions: 41-52 Length: 12 Format: unpacked numeric	Description: Discount given to cardholders. The entry must be numeric; two decimal places are implied. The entry may be zeros. If the entry is not numeric, the BASE II VIC will insert zeros.

Text Message Commercial Card - Car Rental (Additional Data Elements) Edit Criteria

Freight/Shipping Amount Positions: 53-64 Length: 12 Format: unpacked numeric	Description: Amount for freight or shipping. The entry must be numeric; two decimal places are implied. The entry may contain zeros. If the entry is not numeric, the BASE II VIC will insert zeros.
Duty Amount Positions: 65-76 Length: 12 Format: unpacked numeric	Description: Amount of duty taxes. The entry must be numeric; two decimal places are implied. The entry may contain zeros. If the entry is not numeric, the BASE II VIC will insert zeros.
Destination Postal/ZIP Code Positions: 77-86 Length: 10 Format: alphanumeric	Description: Postal code of the destination location. The field may contain spaces.
Ship From Postal/ZIP Code Positions: 87-96 Length: 10 Format: alphanumeric	Description: Postal code of the location being shipped from. The field may contain spaces.
Destination Country Code Positions: 97-99 Length: 3 Format: alphanumeric	Description: Country code of the destination. The field may contain spaces.
Unique VAT Invoice Reference Number Positions: 100-114 Length: 15 Format: alphanumeric	Description: Value Added Tax invoice reference number. The field may contain spaces.
Order Date Positions: 115-120 Length: 6 Format: unpacked numeric	Description: Date the car was rented. The entry should be a six-digit numeric, either zeros or a valid date, in the format YYMMDD . If the entry is not numeric, the BASE II VIC will insert zeros.
Account Number Positions: 121-136 Length: 16 Format: unpacked numeric	Description: An issuer-assigned number that identifies a cardholder's account. The entry must be a 16-digit number. If this field is not numeric, the BASE II VIC will inset zeros.

Text Message Commercial Card - Car Rental (Additional Data Elements) Edit Criteria

Account Number Extension Positions: 137-139 Length: 3 Format: alphanumeric	Description: A three-digit extension of the account number that allows account numbers up to 19 digits. If used, the entry should be left-justified and zero-filled. If the entry is not numeric, the BASE II VIC will insert zeros.
VAT/Tax Amount (Freight/Shipping) Positions: 140-151 Length: 12 Format: unpacked numeric	Description: Tax amount of the freight and shipping. Two decimal places are implied. If the entry is not numeric, the BASE II VIC will insert zeros.
VAT/Tax Rate (Freight/Shipping) Positions: 152-155 Length: 4 Format: unpacked numeric	Description: Two decimal places are implied. If the entry is not numeric, the BASE II VIC will insert zeros.
Reserved Positions: 156-168 Length: 13 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 50 - TCR 0 - Commercial Card - Invoice (Line Detail)

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 0 - Commercial Card - Invoice (Line Detail).

CTF - Outgoing and Incoming Interchange

Text Message Commercial Card - Invoice (Line Detail) 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

Text Message Commercial Card - Invoice (Line Detail) Record Layout

Position	Field Length	Format	Contents
17-22	6	AN	Service Identifier
23-37	15	AN	Message Identifier
38-40	3	UN	Item Sequence Number
41-52	12	AN	Item Commodity Code
53-78	26	AN	Item Descriptor
79-90	12	AN	Product Code
91-102	12	UN	Quantity
103-114	12	AN	Unit of Measure
115-126	12	UN	Unit Cost
127-138	12	UN	VAT/Tax Amount
139-142	4	UN	VAT/Tax Rate
143-154	12	UN	Discount per Line Item
155-166	12	UN	Line Item Total
167	1	UN	Line Item Detail Indicator
168	1	UN	Line Item Level Discount Treatment Code

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

Text Message Commercial Card - Invoice (Line Detail) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 50 .
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.

Text Message Commercial Card - Invoice (Line Detail) Edit Criteria

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 acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message is sent. This field must contain a valid acquiring or issuing identifier.
Service Identifier Positions: 17-22 Length: 6 Format: alphanumeric	Description: Further identifies the transaction. This field must contain PURCHL . For backward compatibility this field may alternatively contain COMMXL .
Message Identifier Positions: 23-37 Length: 15 Format: alphanumeric	Description: This field is used to link the draft data and related text message transactions. The contents of this field should match that of the related draft data transaction's Message Identifier field. VIC Edit: The field cannot contain zeros or spaces or two spaces followed by all zeros.
Item Sequence Number Positions: 38-40 Length: 3 Format: unpacked numeric	Description: Sequence number of the purchase item. VIC Edit: This field must be numeric and must not contain zeros.
Item Commodity Code Positions: 41-52 Length: 12 Format: alphanumeric	Description: Code used to categorize purchase item. This field may contain spaces.
Item Descriptor Positions: 53-78 Length: 26 Format: alphanumeric	Description: Text field describing purchase. This field may contain spaces.

Text Message Commercial Card - Invoice (Line Detail) Edit Criteria

Product Code Positions: 79-90 Length: 12 Format: alphanumeric	Description: Identifies the product being purchased. This field may contain spaces.
Quantity Positions: 91-102 Length: 12 Format: unpacked numeric	Description: The number of units of the product being purchased. The entry must be numeric; four decimal places are implied. If the entry is not numeric, the BASE II VIC will insert zeros.
Unit of Measure/Code Positions: 103-114 Length: 12 Format: alphanumeric	Description: Code indicating unit of measure (gallons, etc.). This field may contain spaces.
Unit Cost Positions: 115-126 Length: 12 Format: unpacked numeric	Description: Cost of fuel per unit of measure (for example, dollars per gallon). The entry must be numeric; four decimal places are implied. The entry may contain zeros. If the entry is not numeric, the BASE II VIC will insert zeros.
VAT/Tax Amount Positions: 127-138 Length: 12 Format: unpacked numeric	Description: Any value-added tax or other sales tax amount. The entry must be numeric; two decimal places are implied. The entry may contain zeros. If the entry is not numeric, the BASE II VIC will insert zeros.
VAT/Tax Rate Positions: 139-142 Length: 4 Format: unpacked numeric	Description: The percentage of the sales tax. If the entry is not numeric, the BASE II VIC will insert zeros. Two decimal places are implied.
Discount per Line Item Positions: 143-154 Length: 12 Format: unpacked numeric	Description: Any discount on the purchase, per line item. If the entry is not numeric, the BASE II VIC will insert zeros. Two decimal places are implied.
Line Item Total Positions: 155-166 Length: 12 Format: unpacked numeric	Description: Total of line items. If the entry is not numeric, the BASE II VIC will insert zeros. Two decimal places are implied.

Text Message Commercial Card - Invoice (Line Detail) Edit Criteria

Line Item Detail Indicator Positions: 167 Length: 1 Format: unpacked numeric	<p>Description: Indicates the type of line item detail record.</p> <p>VIC Edits: If the entry is not 0, 1, 2, 3, 4, or 5 the BASE II VIC will insert 0 (zero).</p> <p>Values:</p> <ul style="list-style-type: none"> 0 = Normal line item detail record 1 = Normal last line item detail record 2 = Credit line item detail record 3 = Credit last line item detail record 4 = Payment line item detail record 5 = Payment last line item detail record <p>Outgoing Edit: If the entry is not valid, Edit Package will zero-fill the field.</p>
Line Item Level Discount Treatment Code Positions: 168 Length: 1 Format: unpacked numeric	<p>Description: Indicates how the merchant is handling discount at the line item level.</p> <p>VIC Edits: If the entry is not 0, 1, or 2 the BASE II VIC will insert 0 (zero).</p> <p>Values:</p> <ul style="list-style-type: none"> 0 = No line level discount provided 1 = Tax was calculated on the post-discount line item total 2 = Tax was calculated on the pre-discount line item total <p>Outgoing Edit: If the entry is not valid, Edit Package will zero-fill the field.</p>

TC 50 - TCR 0 - Commercial Card - Lodging - Line Item Detail (Item Data Elements)

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 0 - Commercial Card - Lodging - Line Item Detail (Item Data Elements).

CTF - Outgoing and Incoming Interchange

Text Message Commercial Card - Lodging - Line Item Detail (Item Data Elements) Record Layout

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

Text Message Commercial Card - Lodging - Line Item Detail (Item Data Elements) 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
17-22	6	AN	Service Identifier
23-37	15	AN	Message Identifier
38-40	3	UN	Item Sequence Number
41-52	12	AN	Item Commodity Code
53-78	26	AN	Item Descriptor
79-90	12	AN	Product Code
91-102	12	UN	Quantity
103-114	12	AN	Unit of Measure/Code
115-126	12	UN	Unit Cost
127-138	12	UN	VAT/Tax Amount
139-142	4	UN	VAT/Tax Rate
143-154	12	UN	Discount Per Line
155-166	12	UN	Line Item Total
167	1	UN	Line Item Detail Indicator
168	1	AN	Reserved

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

Text Message Commercial Card - Lodging - Line Item Detail (Item Data Elements)Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 50 .
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.

Text Message Commercial Card - Lodging - Line Item Detail (Item Data Elements)Edit Criteria

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 acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message is sent. This field must contain a valid acquiring or issuing identifier.
Service Identifier Positions: 17-22 Length: 6 Format: alphanumeric	Description: Further identifies the type of transaction. If the record is created by an acquirer, this field must contain CORPLL . If the record is created by a third party information provider, this field must contain COMMIL .
Message Identifier Positions: 23-37 Length: 15 Format: alphanumeric	Description: For acquirers, this field is used to link the draft data and related text message transactions. The contents of this field should match that of the related draft data transaction's Message Identifier field. For third-party information providers, this field is used to link the TC 50, TCR 0 Commercial Card Generic Data and related text message transactions. The contents of this field should match that of the related TC 50, TCR 0 Commercial Card Generic Data transaction's Message Identifier. VIC Edit: This field cannot be zeros or spaces or two spaces followed by all zeros.
Item Sequence Number Positions: 38-40 Length: 3 Format: unpacked numeric	Description: Sequence number of the purchase item. VIC Edit: This field must be numeric and must not contain zeros.
Item Commodity Code Positions: 41-52 Length: 12 Format: alphanumeric	Description: Code used to categorize purchase item. This field may contain spaces.

Text Message Commercial Card - Lodging - Line Item Detail (Item Data Elements)Edit Criteria

Item Descriptor Positions: 53-78 Length: 26 Format: alphanumeric	Description: Text field describing purchase. This field may contain spaces.
Product Code Positions: 79-90 Length: 12 Format: alphanumeric	Description: This field may contain spaces.
Quantity Positions: 91-102 Length: 12 Format: unpacked numeric	Description: The entry must be numeric; four decimal places are implied. If the entry is not numeric, the BASE II VIC will insert zeros.
Unit of Measure/Code Positions: 103-114 Length: 12 Format: alphanumeric	Description: Code indicating unit of measure (gallons etc.). This field may contain spaces.
Unit Cost Positions: 115-126 Length: 12 Format: unpacked numeric	Description: Cost of fuel per unit of measure (for example, dollars per gallon). The entry must be numeric; four decimal places are implied. The entry may contain zeros. If the entry is not numeric, the BASE II VIC will insert zeros.
VAT/Tax Amount Positions: 127-138 Length: 12 Format: unpacked numeric	Description: Value added tax or other sales tax amount. The entry must be numeric; two decimal places are implied. The entry may contain zeros. If the entry is not numeric, the BASE II VIC will insert zeros.
VAT/Tax Rate Positions: 139-142 Length: 4 Format: unpacked numeric	Description: The percentage of the sales tax. The entry must be numeric; two decimal places are implied. The entry may contain zeros. If the entry is not numeric, the BASE II VIC will insert zeros.
Discount Per Line Positions: 143-154 Length: 12 Format: unpacked numeric	Description: Discount applied to each invoice line item. The entry must be numeric; two decimal places are implied. The entry may contain zeros. If the entry is not numeric, the BASE II VIC will insert zeros.

Text Message Commercial Card - Lodging - Line Item Detail (Item Data Elements)Edit Criteria

Line Item Total Positions: 155-166 Length: 12 Format: unpacked numeric	Description: Total of line items. The entry must be numeric; two decimal places are implied. The entry may contain zeros. If the entry is not numeric, the BASE II VIC will insert zeros.
Line Item Detail Indicator Positions: 167 Length: 1 Format: unpacked numeric	Description: Indicates if normal line item detail or last line item detail record. If the entry is not 0 or 1 , the BASE II VIC will insert zeros. Values: 0 = Normal line item detail record 1 = Last line item detail record
Reserved Positions: 168 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 50 - TCR 0 - Commercial Card - Car Rental - Line Item Detail (Item Data Elements)

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 0 - Commercial Card - Car Rental - Line Item Detail (Item Data Elements).

CTF - Outgoing and Incoming Interchange

Text Message Commercial Card - Car Rental - Line Item Detail (Item Data Elements) 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
17-22	6	AN	Service Identifier
23-37	15	AN	Message Identifier

Text Message Commercial Card - Car Rental - Line Item Detail (Item Data Elements) Record Layout

Position	Field Length	Format	Contents
38-40	3	UN	Item Sequence Number
41-52	12	AN	Item Commodity Code
53-78	26	AN	Item Descriptor
79-90	12	AN	Product Code
91-102	12	UN	Quantity
103-114	12	AN	Unit of Measure/Code
115-126	12	UN	Unit Cost
127-138	12	UN	VAT/Tax Amount
139-142	4	UN	VAT/Tax Rate
143-154	12	UN	Discount Per Line
155-166	12	UN	Line Item Total
167	1	UN	Line Item Detail Indicator
168	1	AN	Reserved

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

Text Message Commercial Card - Car Rental - Line Item Detail (Item Data Elements) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 50 .
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).

Text Message Commercial Card - Car Rental - Line Item Detail (Item Data Elements) Edit Criteria

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 acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message is sent. This field must contain a valid acquiring or issuing identifier.
Service Identifier Positions: 17-22 Length: 6 Format: alphanumeric	Description: Further identifies the type of transaction. If the record is created by an acquirer, this field must contain CORPCL . If the record is created by a third-party information provider, this field must contain COMMCL .
Message Identifier Positions: 23-37 Length: 15 Format: alphanumeric	Description: For acquirers, this field is used to link the draft data and related text message transactions. The contents of this field should match that of the related draft data transaction's Message Identifier field. For third-party information providers, this field is used to link the TC 50, TCR 0 Commercial Card Generic Data and related text message transactions. The contents of this field should match that of the related TC 50, TCR 0 Commercial Card Generic Data transaction's Message Identifier. VIC Edit: This field cannot be zeros or spaces or two spaces followed by all zeros.
Item Sequence Number Positions: 38-40 Length: 3 Format: unpacked numeric	Description: Sequence number of the item. VIC Edit: This field must be numeric and must not contain zeros.
Item Commodity Code Positions: 41-52 Length: 12 Format: alphanumeric	Description: Code used to categorize purchase item. This field may contain spaces.
Item Descriptor Positions: 53-78 Length: 26 Format: alphanumeric	Description: Text field describing purchase. This field may contain spaces.

Text Message Commercial Card - Car Rental - Line Item Detail (Item Data Elements) Edit Criteria

Product Code Positions: 79-90 Length: 12 Format: alphanumeric	Description: Identifies the product being purchased. This field may contain spaces.
Quantity Positions: 91-102 Length: 12 Format: unpacked numeric	Description: Number of units of the product being purchased. The entry must be numeric; four decimal places are implied. If the entry is not numeric, the BASE II VIC will insert zeros.
Unit of Measure/Code Positions: 103-114 Length: 12 Format: alphanumeric	Description: Code indicating unit of measure (gallons, etc.). This field may contain spaces.
Unit Cost Positions: 115-126 Length: 12 Format: unpacked numeric	Description: Cost of fuel per unit of measure (for example, dollars per gallon). The entry must be numeric; four decimal places are implied. The entry may contain zeros. If the entry is not numeric, the BASE II VIC will insert zeros.
VAT/Tax Amount Positions: 127-138 Length: 12 Format: unpacked numeric	Description: Any value-added tax or other sales tax amount. The entry must be numeric; two decimal places are implied. The entry may contain zeros. If the entry is not numeric, the BASE II VIC will insert zeros.
VAT/Tax Rate Positions: 139-142 Length: 4 Format: unpacked numeric	Description: The percentage of the sales tax. The entry must be numeric; two decimal places are implied. The entry may contain zeros. If the entry is not numeric, the BASE II VIC will insert zeros.
Discount Per Line Positions: 143-154 Length: 12 Format: unpacked numeric	Description: Discount applied to each invoice line item. The entry must be numeric; two decimal places are implied. The entry may contain zeros. If the entry is not numeric, the BASE II VIC will insert zeros.
Line Item Total Positions: 155-166 Length: 12 Format: unpacked numeric	Description: Total of line items. The entry must be numeric; two decimal places are implied. The entry may contain zeros. If the entry is not numeric, the BASE II VIC will insert zeros.

Text Message Commercial Card - Car Rental - Line Item Detail (Item Data Elements) Edit Criteria

Line Item Detail Indicator Positions: 167 Length: 1 Format: unpacked numeric	Description: Indicates if normal line item detail or last line item detail record. If the entry is not 0 or 1 , the BASE II VIC will insert zeros. Values: 0 = Normal line item detail record 1 = Last line item detail record
Reserved Positions: 168 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 50 - TCR 0 - Commercial Card - Open Format - Text Message

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 0 - Commercial Card - Open Format - Text Message.

CTF - Outgoing and Incoming Interchange

Text Message Commercial Card - Open Format - 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
17-22	6	AN	Service Identifier
23-37	15	AN	Message Identifier
38-39	2	AN	Merchant Sector
40	1	AN	Source Identification
41-43	3	UN	TC 50 Envelope Sequence Number
44-46	3	AN	Reserved

Text Message Commercial Card - Open Format - Text Message Record Layout

Position	Field Length	Format	Contents
47-167	121	AN	Message Text
168	1	AN	Reserved

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

Text Message Commercial Card - Open Format - Text Message Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 50 .
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 acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message is sent. This field must contain a valid acquiring or issuing identifier.
Service Identifier Positions: 17-22 Length: 6 Format: alphanumeric	Description: Further identifies the type of transaction. The valid value for this field is OPNFMT .

Text Message Commercial Card - Open Format - Text Message Edit Criteria

Message Identifier Positions: 23-37 Length: 15 Format: alphanumeric	Description: This field is used to link the draft data and related message text transactions. The contents of this field should match that of the related draft data transaction's Message Identifier field. VIC Edit: This field cannot be zeros or spaces or two spaces followed by all zeros.
Merchant Sector Positions: 38-39 Length: 2 Format: alphanumeric	Description: This field should contain the code indicating the industry sector the merchant's business is in (retail, banking, etc). See <i>Visa U.S.A. Enhanced Data Service Member Implementation Guide</i> for current supported Merchant Sectors. For a current copy of the guide, please contact Visa U.S.A. Commercial Solutions.
Source Identification Positions: 40 Length: 1 Format: alphanumeric	Description: This field should contain the acquirer or third-party processor source identification value.
TC 50 Envelope Sequence Number Positions: 41-43 Length: 3 Format: unpacked numeric	Description: This field should contain the 3-character TC 50 sequence number.
Reserved Positions: 44-46 Length: 3 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Message Text Positions: 47-167 Length: 121 Format: alphanumeric	Description: Informational text. See <i>Visa U.S.A. Enhanced Data Service Member Implementation Guide</i> for current supported Merchant Sectors. For a current copy of the guide, please contact Visa U.S.A. Commercial Solutions. This field may contain XML Visa Global Invoice information.
Reserved Positions: 168 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 50 - TCR 1-7 - Commercial Card - Open Format - Text Message

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 1-7 - Commercial Card - Open Format - Text Message.

CTF - Outgoing and Incoming Interchange

Text Message Commercial Card - Open Format - 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	Message Text

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

Text Message Commercial Card - Open Format - Text Message Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 50 .
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.

Text Message Commercial Card - Open Format - Text Message Edit Criteria

Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 1 through 7.
Message Text Positions: 5-168 Length: 164 Format: alphanumeric	Description: Informational text. See <i>Visa U.S.A. Enhanced Data Service Member Implementation Guide</i> for current supported Merchant Sectors. For a current copy of the guide, please contact Visa U.S.A. Commercial Solutions. This field may contain XML Visa Global Invoice information.

TC 50 - TCR 0 - Merchant Registration - Incoming

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 0 - Merchant Registration - Incoming.

CTF - Incoming Interchange

Text Message Merchant Registration - Incoming 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
17-22	6	AN	Service Identifier
23-32	10	AN	Reserved
33-38	6	UN	Acquiring Identifier
39-63	25	AN	Merchant Name
64-76	13	AN	Merchant City
77-79	3	AN	Merchant State
80-82	3	AN	Merchant Country Code

Text Message Merchant Registration - Incoming Record Layout

Position	Field Length	Format	Contents
83-91	9	UN	Merchant ZIP Code
92-95	4	AN	Merchant Category Code
96-110	15	AN	Card Acceptor ID
111	1	UN	Occurrence Number
112-113	2	AN	Error Code 1
114-115	2	AN	Error Code 2
116-117	2	AN	Error Code 3
118-119	2	AM	Error Code 4
120-121	2	AN	Error Code 5
122-123	2	AN	Error Code 6
124-125	2	AN	Error Code 7
126-127	2	AN	Error Code 8
128-129	2	AN	Error Code 9
130-141	12	UN	MPS Identification Number
142-168	27	AN	Reserved

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

Text Message Merchant Registration - Incoming Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain 50 .
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.

Text Message Merchant Registration - Incoming Edit Criteria

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 acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message is sent. This field must contain 471598 .
Service Identifier Positions: 17-22 Length: 6 Format: alphanumeric	Description: Further identifies the type of transaction. This field will contain PURCHM .
Reserved Positions: 23-32 Length: 10 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Acquiring Identifier Positions: 33-38 Length: 6 Format: unpacked numeric	Description: A numeric used to identify an acquiring financial institution. This field will contain the acquiring identifier, not the acquirer CIB.
Merchant Name Positions: 39-63 Length: 25 Format: alphanumeric	Description: The merchant's doing-business-as (DBA) name. This field will contain the value from the original transaction, the doing-business-as (DBA) name.
Merchant City Positions: 64-76 Length: 13 Format: alphanumeric	Description: City the merchant is located in. This field will contain the value from the original transaction.

Text Message Merchant Registration - Incoming Edit Criteria

Merchant State Positions: 77-79 Length: 3 Format: alphanumeric	Description: State the merchant is located in. This field will contain the value from the original transaction.
Merchant Country Code Positions: 80-82 Length: 3 Format: alphanumeric	Description: Country the merchant is located in. This field will contain the value from the original transaction.
Merchant ZIP Code Positions: 83-91 Length: 9 Format: unpacked numeric	Description: The merchant's postal code. This field will contain the value from the original transaction.
Merchant Category Code Positions: 92-95 Length: 4 Format: alphanumeric	Description: Code designating the merchant's principle line of business. This field will contain the value from the original transaction.
Card Acceptor ID Positions: 96-110 Length: 15 Format: alphanumeric	Description: Code that identifies the card acceptor operating the POS terminal. This field will contain the value from the original transaction.
Occurrence Number Positions: 111 Length: 1 Format: unpacked numeric	Description: This field will indicate the occurrence number of this incoming TC 50 record. If an error was found on a previous outgoing TC 50, the occurrence number increments by: 0 = Initial or non-error TC 50 1 = First Occurrence 2 = Second Occurrence 3 = Third or more Occurrence

Text Message Merchant Registration - Incoming Edit Criteria

Error Code 1 Positions: 112-113 Length: 2 Format: alphanumeric	Description: This field will contain the first error found on an outgoing TC 50. This field will contain values 00 to 10 or spaces . Values: 00 = Unspecified 01 = Invalid Taxpayer ID Number 02 = Invalid Incorporation Status Code 03 = Invalid TIN Type 04 = Invalid Merchant Street Address 05 = Invalid Merchant City 06 = Invalid Merchant State 07 = Invalid Merchant ZIP Code 08 = Invalid Sole Proprietor Last Name 09 = Invalid Sole Proprietor First Name 10 = Invalid MPS Identification Number
Error Code 2 Positions: 114-115 Length: 2 Format: alphanumeric	Description: This field will contain the second error found on an outgoing TC 50. This field will contain values 00 to 10 or spaces . (See Error Code 1 for definitions.)
Error Code 3 Positions: 116-117 Length: 2 Format: alphanumeric	Description: This field will contain the third error found on an outgoing TC 50. This field will contain values 00 to 10 or spaces . (See Error Code 1 for definitions.)
Error Code 4 Positions: 118-119 Length: 2 Format: alphanumeric	Description: This field will contain the fourth error found on an outgoing TC 50. This field will contain values 00 to 10 or spaces . (See Error Code 1 for definitions.)
Error Code 5 Positions: 120-121 Length: 2 Format: alphanumeric	Description: This field will contain the fifth error found on an outgoing TC 50. This field will contain values 00 to 10 or spaces . (See Error Code 1 for definitions.)
Error Code 6 Positions: 122-123 Length: 2 Format: alphanumeric	Description: This field will contain the sixth error found on an outgoing TC 50. This field will contain values 00 to 10 or spaces . (See Error Code 1 for definitions.)

Text Message Merchant Registration - Incoming Edit Criteria

Error Code 7 Positions: 124-125 Length: 2 Format: alphanumeric	Description: This field will contain the seventh error found on an outgoing TC 50. This field will contain values 00 to 10 or spaces . (See Error Code 1 for definitions.)
Error Code 8 Positions: 126-127 Length: 2 Format: alphanumeric	Description: This field will contain the eighth error found on an outgoing TC 50. This field will contain values 00 to 10 or spaces . (See Error Code 1 for definitions.)
Error Code 9 Positions: 128-129 Length: 2 Format: alphanumeric	Description: This field will contain the ninth error found on an outgoing TC 50. This field will contain values 00 to 10 or spaces . (See Error Code 1 for definitions.)
MPS Identification Number Positions: 130-141 Length: 12 Format: unpacked numeric	Description: Number identifying the MPS. This field will contain Visa proprietary data.
Reserved Positions: 142-168 Length: 27 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 50 - TCR 0 - Merchant Registration - Outgoing

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 0 - Merchant Registration - Outgoing.

CTF - Outgoing Interchange

Text Message Merchant Registration - Outgoing Record Layout

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

Text Message Merchant Registration - Outgoing 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
17-22	6	AN	Service Identifier
23-34	12	UN	MPS Identification Number
35-40	6	UN	Acquiring Identifier
41-65	25	AN	Merchant Name
66-105	40	AN	Reserved
106-135	30	AN	Merchant Street Address
136-155	20	AN	Merchant City
156-158	3	AN	Merchant State
159-167	9	UN	Merchant ZIP Code
168	1	AN	Reserved

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

Text Message Merchant Registration - Outgoing Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain 50 .
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).

Text Message Merchant Registration - Outgoing Edit Criteria

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 471598 .
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message is sent. This field will contain a valid acquiring or issuing identifier.
Service Identifier Positions: 17-22 Length: 6 Format: alphanumeric	Description: Further identifies the type of transaction. This field will contain PURCHM .
MPS Identification Number Positions: 23-34 Length: 12 Format: unpacked numeric	Description: This field will contain the value received in the incoming TC 50.
Acquiring Identifier Positions: 35-40 Length: 6 Format: unpacked numeric	Description: The bank's Visa-assigned identification number of the acquirer. This field will contain the value received in the incoming TC 50.
Merchant Name Positions: 41-65 Length: 25 Format: alphanumeric	Description: This field will contain the value received in the incoming TC 50.
Reserved Positions: 66-105 Length: 40 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Merchant Street Address Positions: 106-135 Length: 30 Format: alphanumeric	Description: This field will contain the merchant location street address.

Text Message Merchant Registration - Outgoing Edit Criteria

Merchant City Positions: 136-155 Length: 20 Format: alphanumeric	Description: This field will contain the merchant location city.
Merchant State Positions: 156-158 Length: 3 Format: alphanumeric	Description: This field will contain the merchant location state.
Merchant ZIP Code Positions: 159-167 Length: 9 Format: unpacked numeric	Description: This field will contain the merchant location postal code. This field is 9 digits, 5 digits followed by 4 spaces, all spaces, or all zeros.
Reserved Positions: 168 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 50 - TCR 0 - Stop Recurring Payment

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 0 - Stop Recurring Payment.

CTF - Outgoing and Incoming Interchange

Text Message Stop Recurring Payment 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
17-22	6	AN	Service Identifier

Text Message Stop Recurring Payment Record Layout

Position	Field Length	Format	Contents
23-129	107	AN	Text
130-168	39	AN	Reserved

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

Text Message Stop Recurring Payment Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain 50 .
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 acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message is sent. This field will contain a valid acquiring or issuing identifier.
Service Identifier Positions: 17-22 Length: 6 Format: alphanumeric	Description: Further identifies the type of transaction. This field must contain STOPRP for a Stop Recurring Payment advice.

Text Message Stop Recurring Payment Edit Criteria

Text Positions: 23-129 Length: 107 Format: alphanumeric	Description: This field contains the text of the Stop Recurring Payment advice. See "Stop Recurring Payment Text Field" for additional information.
Reserved Positions: 130-168 Length: 39 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 50 - TCR 0 - AMMF - Merchant

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 0 - AMMF - Merchant.

CTF - Outgoing and Incoming Interchange

Text Message AMMF - Merchant 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
17-22	6	AN	Service Identifier
23-37	15	AN	Reserved
38-39	2	AN	Reserved
40	1	AN	Reserved
41-43	3	UN	Reserved
44-46	3	AN	Reserved
47-52	6	AN	Acquirer CIB
53-60	8	UN	Acquirer BID
61-90	30	AN	Acquirer Assigned Merchant ID

Text Message AMMF - Merchant Record Layout

Position	Field Length	Format	Contents
91-100	10	AN	Reserved
101-134	34	AN	Free Text 1
135-168	34	AN	Free Text 2

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

Text Message AMMF - Merchant Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 50 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero).
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: Visa Internal AMMF identifier = 320040.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message is sent.
Service Identifier Positions: 17-22 Length: 6 Format: alphanumeric	Description: Further identifies the type of transaction. The value for this field is AMMF03 .

Text Message AMMF - Merchant Edit Criteria

Reserved Positions: 23-37 Length: 15 Format: alphanumeric	Description: This field is reserved for future use.
Reserved Positions: 38-39 Length: 2 Format: alphanumeric	Description: This field is reserved for future use.
Reserved Positions: 40 Length: 1 Format: alphanumeric	Description: This field is reserved for future use.
Reserved Positions: 41-43 Length: 3 Format: unpacked numeric	Description: This field is reserved for future use.
Reserved Positions: 44-46 Length: 3 Format: alphanumeric	Description: This field is reserved for future use.
Acquirer CIB Positions: 47-52 Length: 6 Format: alphanumeric	Description: The source of the file, the processor CIB number.
Acquirer BID Positions: 53-60 Length: 8 Format: unpacked numeric	Description: The Business Identification Number (BID) of the acquiring financial institution.
Acquirer Assigned Merchant ID Positions: 61-90 Length: 30 Format: alphanumeric	Description: The identifying number used by the acquirer to identify the merchant.

Text Message AMMF - Merchant Edit Criteria

Reserved Positions: 91-100 Length: 10 Format: alphanumeric	Description: This field is reserved for future use.
Free Text 1 Positions: 101-134 Length: 34 Format: alphanumeric	Description: This field will be used for capturing additional details per regional needs in future.
Free Text 2 Positions: 135-168 Length: 34 Format: alphanumeric	Description: This field will be used for capturing additional details per regional needs in future.

TC 50 - TCR 1 - AMMF - Merchant (Additional Data Elements)

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 1 - AMMF - Merchant (Additional Data Elements).

CTF - Outgoing and Incoming Interchange

Text Message AMMF - Merchant (Additional Data Elements) 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
5-79	75	AN	Merchant DBA Name
80-154	75	AN	Merchant Legal Name
155-168	14	AN	National Tax Identification Number

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

Text Message AMMF - Merchant (Additional Data Elements) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 50 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero).
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 1 .
Merchant DBA Name Positions: 5-79 Length: 75 Format: alphanumeric	Description: The DBA ("doing business as") name of the merchant at this location.
Merchant Legal Name Positions: 80-154 Length: 75 Format: alphanumeric	Description: The merchant's legal business name, which may be different from the DBA name.
National Tax Identification Number Positions: 155-168 Length: 14 Format: alphanumeric	Description: The government-assigned number used by the merchant for tax reporting purposes.

TC 50 - TCR 2 - AMMF - Merchant (Additional Data Elements)

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 2 - AMMF - Merchant (Additional Data Elements).

CTF - Outgoing and Incoming Interchange

Text Message AMMF - Merchant (Additional Data Elements) 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
5-64	60	AN	Location Street Address Line 1
65-124	60	AN	Location Street Address Line 2
125-153	29	AN	Location City
154-155	2	AN	Location State Code
156-165	10	AN	Location Postal Code
166-168	3	UN	Location ISO Numeric Country Code

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

Text Message AMMF - Merchant (Additional Data Elements) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 50 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero).

Text Message AMMF - Merchant (Additional Data Elements) Edit Criteria

Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 2 .
Location Street Address Line 1 Positions: 5-64 Length: 60 Format: alphanumeric	Description: Street address including rural number. Cannot be a PO Box.
Location Street Address Line 2 Positions: 65-124 Length: 60 Format: alphanumeric	Description: Street address including rural number. Cannot be a PO Box.
Location City Positions: 125-153 Length: 29 Format: alphanumeric	Description: City, town, or principal subdivision.
Location State Code Positions: 154-155 Length: 2 Format: alphanumeric	Description: State or Province code of the address.
Location Postal Code Positions: 156-165 Length: 10 Format: alphanumeric	Description: Postal code of the address.
Location ISO Numeric Country Code Positions: 166-168 Length: 3 Format: unpacked numeric	Description: Identifies the merchant location's ISO Country Code.

TC 50 - TCR 3 - AMMF - Merchant (Additional Data Elements)

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 3 - AMMF - Merchant (Additional Data Elements).

CTF - Outgoing and Incoming Interchange

Text Message AMMF - Merchant (Additional Data Elements) 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	MCC1
9-12	4	UN	MCC2
13-16	4	UN	MCC3
17-20	4	UN	MCC4
21-24	4	UN	MCC5
25-28	4	UN	MCC6
29-32	4	UN	MCC7
33-36	4	UN	MCC8
37-40	4	UN	MCC9
41-44	4	UN	MCC10
45	1	AN	Reserved
46-53	8	AN	Aggregator ID
54-78	25	AN	Aggregator Name
79	1	AN	Aggregator Type
80-104	25	AN	BASE II Name
105	1	UN	Corporate Status
106-160	55	AN	Corporate Name

Text Message AMMF - Merchant (Additional Data Elements) Record Layout

Position	Field Length	Format	Contents
161-168	8	UN	Date Signed

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

Text Message AMMF - Merchant (Additional Data Elements) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 50 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero).
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 3 .
MCC1 Positions: 5-8 Length: 4 Format: unpacked numeric	Description: Contains a list of MCCs assigned for this merchant location. MCC1 is mandatory and cannot be empty or blank.
MCC2 Positions: 9-12 Length: 4 Format: unpacked numeric	Description: Contains a list of MCCs assigned for this merchant location.
MCC3 Positions: 13-16 Length: 4 Format: unpacked numeric	Description: Contains a list of MCCs assigned for this merchant location.

Text Message AMMF - Merchant (Additional Data Elements) Edit Criteria

MCC4 Positions: 17-20 Length: 4 Format: unpacked numeric	Description: Contains a list of MCCs assigned for this merchant location.
MCC5 Positions: 21-24 Length: 4 Format: unpacked numeric	Description: Contains a list of MCCs assigned for this merchant location.
MCC6 Positions: 25-28 Length: 4 Format: unpacked numeric	Description: Contains a list of MCCs assigned for this merchant location.
MCC7 Positions: 29-32 Length: 4 Format: unpacked numeric	Description: Contains a list of MCCs assigned for this merchant location.
MCC8 Positions: 33-36 Length: 4 Format: unpacked numeric	Description: Contains a list of MCCs assigned for this merchant location.
MCC9 Positions: 37-40 Length: 4 Format: unpacked numeric	Description: Contains a list of MCCs assigned for this merchant location.
MCC10 Positions: 41-44 Length: 4 Format: unpacked numeric	Description: Contains a list of MCCs assigned for this merchant location.
Reserved Positions: 45 Length: 1 Format: alphanumeric	Description: This field is reserved for future use.

Text Message AMMF - Merchant (Additional Data Elements) Edit Criteria

Aggregator ID Positions: 46-53 Length: 8 Format: alphanumeric	Description: The Business Identification Number (BID) assigned by Visa to the aggregator that is processing this merchant's transactions. (Required if the merchant processes through payment facilitator or if the merchant is a marketplace, otherwise leave it empty.)
Aggregator Name Positions: 54-78 Length: 25 Format: alphanumeric	Description: The name of the aggregator processing this merchant's payment. (Required if the merchant processes through payment facilitator or the merchant is a marketplace, otherwise leave it empty.)
Aggregator Type Positions: 79 Length: 1 Format: alphanumeric	Description: Type of aggregator - payment facilitator or marketplace. (Required if the merchant processes through payment facilitator or if the merchant is a marketplace, otherwise leave it empty.)
BASE II Name Positions: 80-104 Length: 25 Format: alphanumeric	Description: Payment Facilitators do not have one unique CAID per Sponsored Merchant and therefore BASE II Name is needed to match AMMF merchant record with transaction.
Corporate Status Positions: 105 Length: 1 Format: unpacked numeric	Description: Identifies whether the merchant is Sole proprietor or not. If the merchant is sole proprietor then give the value as 1, otherwise leave it blank. 0 - Not a Sole Proprietor 1 - Individual/Sole Proprietor
Corporate Name Positions: 106-160 Length: 55 Format: alphanumeric	Description: The name of the corporation that owns the merchant. (If the merchant is owned by another company in a hierarchical fashion.)
Date Signed Positions: 161-168 Length: 8 Format: unpacked numeric	Description: The date when the store (location) was signed up by the acquirer or payment facilitator.

TC 50 - TCR 4 - AMMF - Merchant (Additional Data Elements)

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 4 - AMMF - Merchant (Additional Data Elements).

CTF - Outgoing and Incoming Interchange

Text Message AMMF - Merchant (Additional Data Elements) 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	Acquirer Identifier1
11-25	15	AN	Card Acceptor ID1
26-31	6	UN	Acquirer Identifier2
32-46	15	AN	Card Acceptor ID2
47-52	6	UN	Acquirer Identifier3
53-67	15	AN	Card Acceptor ID3
68-73	6	UN	Acquirer Identifier4
74-88	15	AN	Card Acceptor ID4
89-94	6	UN	Acquirer Identifier5
95-109	15	AN	Card Acceptor ID5
110-115	6	UN	Acquirer Identifier6
116-130	15	AN	Card Acceptor ID6
131-136	6	UN	Acquirer Identifier7
137-151	15	AN	Card Acceptor ID7
152-168	17	AN	Reserved

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

Text Message AMMF - Merchant (Additional Data Elements) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 50 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero).
Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: This field must contain a 4 .
Acquirer Identifier1 Positions: 5-10 Length: 6 Format: unpacked numeric	Description: Visa-assigned Acquirer identifier number for the acquiring financial institution. This field is mandatory.
Card Acceptor ID1 Positions: 11-25 Length: 15 Format: alphanumeric	Description: The card acceptor ID number. This field is mandatory.
Acquirer Identifier2 Positions: 26-31 Length: 6 Format: unpacked numeric	Description: Visa-assigned Acquirer identifier number for the acquiring financial institution. This field is mandatory.
Card Acceptor ID2 Positions: 32-46 Length: 15 Format: alphanumeric	Description: The card acceptor ID number.
Acquirer Identifier3 Positions: 47-52 Length: 6 Format: unpacked numeric	Description: Visa-assigned Acquirer identifier number for the acquiring financial institution. This field is mandatory.

Text Message AMMF - Merchant (Additional Data Elements) Edit Criteria

Card Acceptor ID3 Positions: 53-67 Length: 15 Format: alphanumeric	Description: The card acceptor ID number.
Acquirer Identifier4 Positions: 68-73 Length: 6 Format: unpacked numeric	Description: Visa-assigned Acquirer identifier number for the acquiring financial institution. This field is mandatory.
Card Acceptor ID4 Positions: 74-88 Length: 15 Format: alphanumeric	Description: The card acceptor ID number.
Acquirer Identifier5 Positions: 89-94 Length: 6 Format: unpacked numeric	Description: Visa-assigned Acquirer identifier number for the acquiring financial institution. This field is mandatory.
Card Acceptor ID5 Positions: 95-109 Length: 15 Format: alphanumeric	Description: The card acceptor ID number.
Acquirer Identifier6 Positions: 110-115 Length: 6 Format: unpacked numeric	Description: Visa-assigned Acquirer identifier number for the acquiring financial institution. This field is mandatory.
Card Acceptor ID6 Positions: 116-130 Length: 15 Format: alphanumeric	Description: The card acceptor ID number.
Acquirer Identifier7 Positions: 131-136 Length: 6 Format: unpacked numeric	Description: Visa-assigned Acquirer identifier number for the acquiring financial institution. This field is mandatory.

Text Message AMMF - Merchant (Additional Data Elements) Edit Criteria

Card Acceptor ID7 Positions: 137-151 Length: 15 Format: alphanumeric	Description: The card acceptor ID number.
Reserved Positions: 152-168 Length: 17 Format: alphanumeric	Description: This field is reserved for future use.

TC 50 - TCR 0 - AMMF - VMSG - Record Reject

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 0 - AMMF - VMSG - Record Reject.

CTF - Outgoing and Incoming Interchange

Text Message AMMF - VMSG - Record Reject 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
17-22	6	AN	Service Identifier
23-37	15	AN	Reserved
38-39	2	AN	Reserved
40	1	AN	Reserved
41-43	3	UN	Reserved
44-46	3	AN	Reserved
47-48	2	AN	VMSG Message Type
49-54	6	AN	Acquirer CIB

Text Message AMMF - VMSG - Record Reject Record Layout

Position	Field Length	Format	Contents
55-62	8	UN	Acquirer BID
63-92	30	AN	Acquirer Merchant ID
93	1	AN	Record Reject Indicator - CIB Error
94	1	AN	Record Reject Indicator - BID Error
95	1	AN	Record Reject Indicator - MID Error
96	1	AN	Record Reject Indicator - DBA Name invalid/missing Error
97	1	AN	Record Reject Indicator - Legal Name invalid/missing Error
98	1	AN	Record Reject Indicator - Tax ID invalid/missing Error
99	1	AN	Record Reject Indicator - Location Address - Street invalid/missing Error
100	1	AN	Record Reject Indicator - Location Address - City invalid/missing Error
101	1	AN	Record Reject Indicator - Location Address - State invalid/missing Error
102	1	AN	Record Reject Indicator - Location Address - Postal City invalid/missing Error
103	1	AN	Record Reject Indicator - Location Address - Country invalid/missing Error
104	1	AN	Record Reject Indicator - 1 or more invalid MCC or No MCC provided Error
105	1	AN	Record Reject Indicator - 1 or more invalid Issuing or Acquiring Identifier Error
106	1	AN	Record Reject Indicator - 1 or more CAID invalid/missing
107	1	AN	Record Reject Indicator - Aggregator ID invalid/missing Error
108	1	AN	Record Reject Indicator - Aggregator Name invalid/missing Error
109	1	AN	Record Reject Indicator - Aggregator Type invalid/missing Error
110	1	AN	Record Reject Indicator - BASE II Name invalid/missing Error
111	1	AN	Record Reject Indicator - Corporate Status invalid/missing Error
112	1	AN	Record Reject Indicator - Corporate Name invalid/missing Error
113	1	AN	Record Reject Indicator - Date Signed invalid/missing Error
114-153	40	AN	Free Form Error Message - Miscellaneous
154-168	15	AN	Reserved

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

Text Message AMMF - VMSG - Record Reject Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 50 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero).
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.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: Visa Internal AMMF identifier = 320040.
Service Identifier Positions: 17-22 Length: 6 Format: alphanumeric	Description: Further identifies the type of transaction. The value for this field is VMSG03 .
Reserved Positions: 23-37 Length: 15 Format: alphanumeric	Description: This field is reserved for future use.
Reserved Positions: 38-39 Length: 2 Format: alphanumeric	Description: This field is reserved for future use.

Text Message AMMF - VMSG - Record Reject Edit Criteria

Reserved Positions: 40 Length: 1 Format: alphanumeric	Description: This field is reserved for future use.
Reserved Positions: 41-43 Length: 3 Format: unpacked numeric	Description: This field is reserved for future use.
Reserved Positions: 44-46 Length: 3 Format: alphanumeric	Description: This field is reserved for future use.
VMSG Message Type Positions: 47-48 Length: 2 Format: alphanumeric	Description: Value is RJ . This VMSG contains Record Reject reason.
Acquirer CIB Positions: 49-54 Length: 6 Format: alphanumeric	Description: The source of the file, the processor CIB number.
Acquirer BID Positions: 55-62 Length: 8 Format: unpacked numeric	Description: The Business Identification Number (BID) of the acquiring financial institution.
Acquirer Merchant ID Positions: 63-92 Length: 30 Format: alphanumeric	Description: The identifying number used by the acquirer to identify the merchant. Left-justify the number in the field.
Record Reject Indicator - CIB Error Positions: 93 Length: 1 Format: alphanumeric	Description: Values are 1 or Blank . 1 represents an error value received in AMMF.

Text Message AMMF - VMSG - Record Reject Edit Criteria

Record Reject Indicator - BID Error Positions: 94 Length: 1 Format: alphanumeric	Description: Values are 1 or Blank . 1 represents an error value received in AMMF.
Record Reject Indicator - MID Error Positions: 95 Length: 1 Format: alphanumeric	Description: Values are 1 or Blank . 1 represents an error value received in AMMF.
Record Reject Indicator - DBA Name invalid/missing Error Positions: 96 Length: 1 Format: alphanumeric	Description: Values are 1 or Blank . 1 represents an error value received in AMMF.
Record Reject Indicator - Legal Name invalid/missing Error Positions: 97 Length: 1 Format: alphanumeric	Description: Values are 1 or Blank . 1 represents an error value received in AMMF.
Record Reject Indicator - Tax ID invalid/missing Error Positions: 98 Length: 1 Format: alphanumeric	Description: Values are 1 or Blank . 1 represents an error value received in AMMF.
Record Reject Indicator - Location Address Street invalid/missing Error Positions: 99 Length: 1 Format: alphanumeric	Description: Values are 1 or Blank . 1 represents an error value received in AMMF.
Record Reject Indicator - Location Address - City invalid/missing Error Positions: 100 Length: 1 Format: alphanumeric	Description: Values are 1 or Blank . 1 represents an error value received in AMMF.

Text Message AMMF - VMSG - Record Reject Edit Criteria

Record Reject Indicator - Location Address - State invalid/missing Error Positions: 101 Length: 1 Format: alphanumeric	Description: Values are 1 or Blank . 1 represents an error value received in AMMF.
Record Reject Indicator - Location Address - Postal invalid/missing Error Positions: 102 Length: 1 Format: alphanumeric	Description: Values are 1 or Blank . 1 represents an error value received in AMMF.
Record Reject Indicator - Location Address - Country invalid/missing Error Positions: 103 Length: 1 Format: alphanumeric	Description: Values are 1 or Blank . 1 represents an error value received in AMMF.
Record Reject Indicator - 1 or more invalid MCC or No MCC provided Error Positions: 104 Length: 1 Format: alphanumeric	Description: Values are 1 or Blank . 1 represents an error value received in AMMF.
Record Reject Indicator - 1 or more invalid Issuing or Acquiring Identifier Error Positions: 105 Length: 1 Format: alphanumeric	Description: Values are 1 or Blank . 1 represents an error value received in AMMF.
Record Reject Indicator - 1 or more CAID invalid missing Error Positions: 106 Length: 1 Format: alphanumeric	Description: Values are 1 or Blank . 1 represents an error value received in AMMF.

Text Message AMMF - VMSG - Record Reject Edit Criteria

Record Reject Indicator - Aggregator ID invalid/missing Error Positions: 107 Length: 1 Format: alphanumeric	Description: Values are 1 or Blank . 1 represents an error value received in AMMF.
Record Reject Indicator - Aggregator Name invalid/missing Error Positions: 108 Length: 1 Format: alphanumeric	Description: Values are 1 or Blank . 1 represents an error value received in AMMF.
Record Reject Indicator - Aggregator Type invalid/missing Error Positions: 109 Length: 1 Format: alphanumeric	Description: Values are 1 or Blank . 1 represents an error value received in AMMF.
Record Reject Indicator - BASE II Name invalid/missing Error Positions: 110 Length: 1 Format: alphanumeric	Description: Values are 1 or Blank . 1 represents an error value received in AMMF.
Record Reject Indicator - Corporate Status invalid/missing Error Positions: 111 Length: 1 Format: alphanumeric	Description: Values are 1 or Blank . 1 represents an error value received in AMMF.
Record Reject Indicator - Corporate Name invalid/missing Error Positions: 112 Length: 1 Format: alphanumeric	Description: Values are 1 or Blank . 1 represents an error value received in AMMF.
Record Reject Indicator - Date Signed invalid/missing Error Positions: 113 Length: 1 Format: alphanumeric	Description: Values are 1 or Blank . 1 represents an error value received in AMMF.

Text Message AMMF - VMSG - Record Reject Edit Criteria

Free Form Error Message - Miscellaneous Positions: 114-153 Length: 40 Format: alphanumeric	Description: This field will contain the error message details.
Reserved Positions: 154-168 Length: 15 Format: alphanumeric	Description: This field is reserved for future use.

TC 50 - TCR 0 - AMMF - VMSG - Certification Status

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 0 - AMMF - VMSG - Certification Status.

CTF - Outgoing and Incoming Interchange

Text Message AMMF - VMSG - Certification Status 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
17-22	6	AN	Service Identifier
23-37	15	AN	Reserved
38-39	2	AN	Reserved
40	1	AN	Reserved
41-43	3	UN	Reserved
44-46	3	AN	Reserved
47-48	2	AN	VMSG Message Type

Text Message AMMF - VMSG - Certification Status Record Layout

Position	Field Length	Format	Contents
49-54	6	AN	Acquirer CIB
55-62	8	UN	Acquirer BID
63-68	6	UN	Acquiring Identifier
69	1	UN	Acquiring Identifier Certification Status
70-167	98	AN	Message
168	1	AN	Reserved

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

Text Message AMMF - VMSG - Certification Status Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 50 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero).
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.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: Visa Internal AMMF identifier = 320040.

Text Message AMMF - VMSG - Certification Status Edit Criteria

Service Identifier Positions: 17-22 Length: 6 Format: alphanumeric	Description: Further identifies the type of transaction. The value for this field is VMSG03 .
Reserved Positions: 23-37 Length: 15 Format: alphanumeric	Description: This field is reserved for future use.
Reserved Positions: 38-39 Length: 2 Format: alphanumeric	Description: This field is reserved for future use.
Reserved Positions: 40 Length: 1 Format: alphanumeric	Description: This field is reserved for future use.
Reserved Positions: 41-43 Length: 3 Format: unpacked numeric	Description: This field is reserved for future use.
Reserved Positions: 44-46 Length: 3 Format: alphanumeric	Description: This field is reserved for future use.
VMSG Message Type Positions: 47-48 Length: 2 Format: alphanumeric	Description: Value is CS . This VMSG contains Certification Stats.
Acquirer CIB Positions: 49-54 Length: 6 Format: alphanumeric	Description: The source of the file, the processor CIB number.

Text Message AMMF - VMSG - Certification Status Edit Criteria

Acquirer BID Positions: 55-62 Length: 8 Format: unpacked numeric	Description: The Business Identification Number (BID) of the acquiring financial institution.
Acquiring Identifier Positions: 63-68 Length: 6 Format: unpacked numeric	Description: Visa-assigned Acquiring identifier number for the acquiring financial institution.
Acquiring Identifier Certification Status Positions: 69 Length: 1 Format: unpacked numeric	Description: Values are 1 or 0 , where 1 represents acquiring identifier passed certification, 0 represents acquiring identifier failed certification.
Message Positions: 70-167 Length: 98 Format: alphanumeric	Description: Optional. Additional detail about the acquiring identifier; could contain information why the acquiring identifier failed certification.
Reserved Positions: 168 Length: 1 Format: alphanumeric	Description: This field is reserved for future use.

TC 50 - TCR 0 - AMMF - VMSG - Unlinkable

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 0 - AMMF - VMSG - Unlinkable.

CTF - Outgoing and Incoming Interchange

Text Message AMMF - VMSG - Unlinkable Record Layout

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

Text Message AMMF - VMSG - Unlinkable 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
17-22	6	AN	Service Identifier
23-37	15	AN	Reserved
38-39	2	AN	Reserved
40	1	AN	Reserved
41-43	3	UN	Reserved
44-46	3	AN	Reserved
47-48	2	AN	VMSG Message Type
49-58	10	AN	Unlinkable Source
59-64	6	UN	Acquiring Identifier
65-89	25	AN	Merchant Name
90-102	13	AN	Merchant City
103-105	3	AN	Merchant State
106-114	9	AN	Merchant ZIP
115-117	3	UN	Merchant Country
118-132	15	AN	Card Acceptor ID
133-167	35	AN	Reserved
168	1	AN	Reserved

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

Text Message AMMF - VMSG - Unlinkable Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 50 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero).
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 will contain a valid acquiring or issuing identifier
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: Visa Internal AMMF identifier = 320040.
Service Identifier Positions: 17-22 Length: 6 Format: alphanumeric	Description: Further identifies the type of transaction. The value for this field is VMSG03 .
Reserved Positions: 23-37 Length: 15 Format: alphanumeric	Description: This field is reserved for future use.
Reserved Positions: 38-39 Length: 2 Format: alphanumeric	Description: This field is reserved for future use.

Text Message AMMF - VMSG - Unlinkable Edit Criteria

Reserved Positions: 40 Length: 1 Format: alphanumeric	Description: This field is reserved for future use.
Reserved Positions: 41-43 Length: 3 Format: unpacked numeric	Description: This field is reserved for future use.
Reserved Positions: 44-46 Length: 3 Format: alphanumeric	Description: This field is reserved for future use.
VMSG Message Type Positions: 47-48 Length: 2 Format: alphanumeric	Description: Value is UM . This VMSG contains Unlinkable Merchant number.
Unlinkable Source Positions: 49-58 Length: 10 Format: alphanumeric	Description: The source where Visa found the unlinkable merchant data. Values: BASE I BASE II SMS
Acquiring Identifier Positions: 59-64 Length: 6 Format: unpacked numeric	Description: Visa-assigned Acquiring identifier number for the acquiring financial institution.
Merchant Name Positions: 65-89 Length: 25 Format: alphanumeric	Description: Merchant DBA name as present in original transaction.
Merchant City Positions: 90-102 Length: 13 Format: alphanumeric	Description: City the merchant is located in. This field will contain the value from the original transaction.

Text Message AMMF - VMSG - Unlinkable Edit Criteria

Merchant State Positions: 103-105 Length: 3 Format: alphanumeric	Description: State the merchant is located in. This field will contain the value from the original transaction.
Merchant ZIP Positions: 106-114 Length: 9 Format: alphanumeric	Description: Postal code or ZIP the merchant is located in. This field will contain the value from the original transaction.
Merchant Country Positions: 115-117 Length: 3 Format: unpacked numeric	Description: Country the merchant is located in. This field will contain the value from the original transaction.
Card Acceptor ID Positions: 118-132 Length: 15 Format: alphanumeric	Description: This field contains the Card Acceptor ID.
Reserved Positions: 133-167 Length: 35 Format: alphanumeric	Description: This field is reserved for future use.
Reserved Positions: 168 Length: 1 Format: alphanumeric	Description: This field is reserved for future use.

TC 50 - TCR 0 - AMMF - VMSG - AMMF ID

These tables contain the Text Message (TC 50) record layout and edit criteria for TCR 0 - AMMF - VMSG - AMMF ID.

CTF - Outgoing and Incoming Interchange

Text Message AMMF - VMSG - AMMF ID 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
17-22	6	AN	Service Identifier
23-37	15	AN	Reserved
38-39	2	AN	Reserved
40	1	AN	Reserved
41-43	3	UN	Reserved
44-46	3	AN	Reserved
47-48	2	AN	VMSG Message Type
49-54	6	AN	Acquirer CIB
55-62	8	UN	Acquirer BID
63-92	30	AN	Acquirer Assigned Merchant ID
93-107	15	UN	Visa AMMF ID
108-167	60	AN	Reserved
168	1	AN	Reserved

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

Text Message AMMF - VMSG - AMMF ID Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain a 50 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field must contain a 0 (zero).

Text Message AMMF - VMSG - AMMF ID Edit Criteria

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 will contain a valid acquiring or issuing identifier
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: Visa Internal AMMF identifier = 320040.
Service Identifier Positions: 17-22 Length: 6 Format: alphanumeric	Description: Further identifies the type of transaction. The value for this field is VMSG03 .
Reserved Positions: 23-37 Length: 15 Format: alphanumeric	Description: This field is reserved for future use.
Reserved Positions: 38-39 Length: 2 Format: alphanumeric	Description: This field is reserved for future use.
Reserved Positions: 40 Length: 1 Format: alphanumeric	Description: This field is reserved for future use.
Reserved Positions: 41-43 Length: 3 Format: unpacked numeric	Description: This field is reserved for future use.

Text Message AMMF - VMSG - AMMF ID Edit Criteria

Reserved Positions: 44-46 Length: 3 Format: alphanumeric	Description: This field is reserved for future use.
VMSG Message Type Positions: 47-48 Length: 2 Format: alphanumeric	Description: Value is ID . This VMSG contains Visa-assigned AMMF Identification Number.
Acquirer CIB Positions: 49-54 Length: 6 Format: alphanumeric	Description: The source of the file, the processor CIB number.
Acquirer BID Positions: 55-62 Length: 8 Format: unpacked numeric	Description: The Business Identification Number (BID) of the acquiring financial institution.
Acquirer Assigned Merchant ID Positions: 63-92 Length: 30 Format: alphanumeric	Description: The identifying number used by the acquirer to identify the merchant. Left-justify the number in the field; fill on the right with spaces.
Visa AMMF ID Positions: 93-107 Length: 15 Format: unpacked numeric	Description: AMMF Identification Number assigned by Visa for this merchant.
Reserved Positions: 108-167 Length: 60 Format: alphanumeric	Description: This field is reserved for future use.
Reserved Positions: 168 Length: 1 Format: alphanumeric	Description: This field is reserved for future use.

Chapter 3

TC 52 Retrieval Request Record Transactions

TC 52 - Retrieval Request Record Transactions

The Retrieval Request/Confirmation records are used to request specific interchange transaction records from the merchant processing center.

TCR 0, 1, 4

CTF - Outgoing and Incoming



TC 51 Transactions (Request for Original) are no longer valid BASE II Transaction Types. "RED" changes in April 2005 removed these transaction options.

- Request for Photocopy (TC 52)—Requests a photocopy of the original paper (or microfilm) for an interchange transaction from the merchant processing center.



TC 52 is not valid for ATM transactions (Merchant Category Code 6011).



TC 53 transactions (Request Confirmations) are no longer valid BASE II Transaction Types. "RED" changes in April 2005 removed these transaction options.

The edit rules for Retrieval Request TCR inclusion are:

- TCR 0 is always required. It must be the first TCR in the transaction.
- TCR 1 is optional.
- TCR 4 is optional.

TC 52 - TCR 0

These tables contain the Retrieval Request (TC 52) record layout and edit criteria for TCR 0.

CTF - Outgoing and Incoming Interchange

Retrieval Request/Confirmation 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

BASE II Clearing Interchange Formats, TC 50 to TC 92
TC 52 Retrieval Request Record Transactions

Retrieval Request/Confirmation Record Layout

Position	Field Length	Format	Contents
24-46	23	UN	Acquirer Reference Number
47-54	8	UN	Acquirer's Business ID
55-58	4	UN	Purchase Date (MMDD)
59-70	12	UN	Transaction Amount
71-73	3	UN	Transaction Currency Code
74-98	25	AN	Merchant Name
99-111	13	AN	Merchant City
112-114	3	AN	Merchant Country Code
115-118	4	UN	Merchant Category Code
119-123	5	UN	U.S. Merchant ZIP Code
124-126	3	AN	Merchant State/Province Code
127-135	9	UN	Issuer Control Number
136-137	2	UN	Request Reason Code
138	1	UN	Settlement Flag
139-150	12	UN	National Reimbursement Fee
151	1	AN	Account Selection
152-163	12	AN	Retrieval Request ID
164-167	4	UN	Central Processing Date (YDDD)
168	1	AN	Reimbursement Attribute

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

Retrieval Request/Confirmation Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain 52 . The Transaction Code is: 52 = Request for Copy
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).
Account Number Positions: 5-20 Length: 16 Format: unpacked numeric	Description: An issuer-assigned number that identifies a cardholder's account. This transaction must contain the same Account Number as the original to which it applies. Acquirer Note: This field may contain the Token for x5, x6, TCQ 0 transactions.
Account Number Extension Positions: 21-23 Length: 3 Format: unpacked numeric	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. VIC Edit: The field must contain zeros if Account Number is 16 digits or fewer. Outgoing: The Edit Package inserts zeros if the Account Number is 16 digits or fewer in length, according to the ARDEF Table. If the Account Number is greater than 16 digits in length, the processing center must fill this field.
Acquirer Reference Number (ARN) Positions: 24-46 Length: 23 Format: unpacked numeric	Description: Identification number assigned by the acquirer. The ARN should be unique although duplicate ARNs will not be rejected. This field must contain the Acquirer Reference Number from the dispute financial or dispute response financial. The Acquirer Reference Number must be the same as the original transaction. The entry must be in the following format.
Format Code Positions: 24 Length: 1 Format: unpacked numeric	Description: The format code is part of the Acquirer Reference Number and is used to ensure a valid Visa reference number. The entry must be either a 2 or a 7 .

Retrieval Request/Confirmation Edit Criteria

Acquiring Identifier Positions: 25-30 Length: 6 Format: unpacked numeric	Description: A numeric used to identify an acquiring financial institution. The entry must be a valid acquiring identifier per the current BIN Table. May be an issuing identifier for cash disbursements
Date Positions: 31-34 Length: 4 Format: unpacked numeric	Description: Date is part of the Acquirer Reference Number and should be either the data capture date or the pre-edit program run date. The date field must contain a valid four-digit numeric in the format YDDD (year and Julian day).
Film Locator Positions: 35-45 Length: 11 Format: unpacked numeric	Description: Number used to identify film records. The field must contain an 11-digit numeric. The entry may be zeros if the center has other provisions for quick retrieval of originals/photocopies.
Check Digit Positions: 46 Length: 11 Format: unpacked numeric	Description: Check Digit is used to validate the Acquirer Reference Number. The entry must be a valid standard modulus-10 check digit of the preceding 22 digits (Positions 24-45).
Acquirer's Business ID Positions: 47-54 Length: 8 Format: unpacked numeric	Description: The Visa-assigned business ID provided in the original by the acquirer. U.S. issuers must retain and return this field in retrieval requests if it was provided by the acquirer.
Purchase Date Positions: 55-58 Length: 4 Format: unpacked numeric	Description: The date a cardholder made the original purchase (the actual date of the original transaction). The entry must be a four-digit numeric (which may be zeros) in the format MMDD (month and day). This field may contain zeros. If it is not all zeros, the format is MMDD . This field may be all zeros only if the date from the original transaction was all zeros.
Transaction Amount Positions: 59-70 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. For U.S. transactions, this field must be numeric and greater than zero. For non-U.S. transactions, this field may contain zeros if the Merchant Name and Country Code are provided. For both U.S. and international transactions, this should be the same as the original Transaction Amount in the transaction currency (the amount in the Source Amount field of the original transaction). This field contains two implied decimal places.

Retrieval Request/Confirmation Edit Criteria

Transaction Currency Code Positions: 71-73 Length: 3 Format: unpacked numeric	Description: This field contains the three-digit currency code of the transaction. See the appropriate VisaNet user's manuals for the listing of valid currency codes. For U.S. transactions, this must be a valid ISO numeric code. For international transactions, this field may contain spaces if the Merchant Name and Country Code are provided. Otherwise, it must be a valid ISO numeric code. For both U.S. and international transactions, this is the original transaction amount currency code (Source Currency Code field of the original transaction).
Merchant Name Positions: 74-98 Length: 25 Format: alphanumeric	Description: This field contains the name and location of the card acceptor merchant. The first position of this field cannot be a space. This field must be left-justified and space-filled to the right. For international transactions, if present, the first position cannot be a space. It may be omitted if the Transaction Amount and Transaction Currency Code are provided. For international transactions, this field must be the same as in the original transaction, except when a discrepancy or omission in a TC 52 transaction makes it impossible to locate the document requested. In this instance, the acquirer center must identify the problem in this field and send a TC 53 back to the requestor.
Merchant City Positions: 99-111 Length: 13 Format: alphanumeric	Description: This must be the city location of the merchant or member outlet where the transaction occurred. This field must be the same as in the original transaction.
Merchant Country Code Positions: 112-114 Length: 3 Format: alphanumeric	Description: This field must contain a valid country code. The first two characters must be the country code. The last character must be a space. For international transactions, this field may be omitted if the Transaction Amount and Currency Code are provided. This field must be the same as in the original transaction.
Merchant Category Code Positions: 115-118 Length: 4 Format: unpacked numeric	Description: Indicates the merchant's principal line of business. The field must contain a valid four-digit numeric Merchant Category Code (MCC) from the original transaction. For TC 52, it may not be zeros. VIC Edit: TC 52 is not valid for ATM transactions (MCC 6011).
U.S. Merchant ZIP Code Positions: 119-123 Length: 5 Format: unpacked numeric	Description: The ZIP code of the merchant location where the transaction occurred. This field must be numeric and may contain zeros. The U.S. Merchant ZIP Code must be the same as in the original transaction.

Retrieval Request/Confirmation Edit Criteria

Merchant State/Province Code Positions: 124-126 Length: 3 Format: alphanumeric	Description: The state or province code of the merchant location where the transaction occurred. If the Merchant Country Code is US or CA , this field must contain a valid U.S. State Code or Canadian Province Code, respectively from the original transaction. Otherwise, it must contain spaces.
Issuer Control Number Positions: 127-135 Length: 9 Format: unpacked numeric	Description: This field is used in U.S. domestic requests for copy/original transactions. This 9-digit number is assigned by U.S. issuers for internal routing purposes. The confirmation must contain the same value as in the original. 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.
Request Reason Code Positions: 136-137 Length: 2 Format: unpacked numeric	Description: This field must contain a two-digit numeric. Request transactions TC 52 must have a valid Request Reason Code.
Settlement Flag Positions: 138 Length: 1 Format: unpacked numeric	Description: The settlement service in which the transaction will settle: the International Settlement Service or National Area Net Service. For outgoing transactions, the Settlement Flag must be a 0 , 8 , or 9 . For incoming transactions, the Settlement Flag will be a 0 , or 8 . VIC Edits: For outgoing and incoming transactions: If the field contains 0 or 8 , the Source Identifier, Destination Identifier, and Merchant Currency Code must be that of the Merchant Country, if present. If the entry is 8 , the Destination Identifier, Source Identifier, and Merchant Country Code must be for the same country.
National Reimbursement Fee Positions: 139-150 Length: 12 Format: unpacked numeric	Description: Numeric entry indicating Interchange Reimbursement Fee for a National Settlement transaction, where applicable. It must be zeros unless the transaction is a National Settlement transaction for a country using this capability. Implementation of this capability requires pre-notification to the Visa Regional office. This field may contain zeros. It must be zeros for International Visa settled interchange (Settlement Flag = zero), and for National Bilateral or Net Interchange when domestic reimbursement fees are calculated by the BASE II System. The National Bilateral or National Net Interchange for countries is specified by the originating member in each transaction. This field should contain the reimbursement fee to be applied. This field contains two implied decimal places.

Retrieval Request/Confirmation Edit Criteria

Account Selection Positions: 151 Length: 1 Format: alphanumeric	Description: Indicates type of account. For POS draft transactions, this field must contain: Space = Not Applicable 0 = Unavailable 1 = Savings Account 2 = Checking Account 3 = Credit Card Account No systems edit enforcement.
Retrieval Request ID Positions: 152-163 Length: 12 Format: alphanumeric	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. When the Destination Routing Flag is 1 , this field must contain a properly formatted Retrieval Request ID. This field may contain zeros. Acquirers not using the Automated Fulfillment service are requested, but not required, to include the request ID on all mailed or faxed documentation. For the copy request (TC 52), the VIC inserts the unique ID number.
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). For any given BASE II processing day, this date is based on the input phase of VIC processing. VIC Edit: Insert the date when the transaction was processed. Outgoing: The VIC inserts the central processing date. Incoming: This field must be in YDDD format.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

TC 52 - TCR 1

These tables contain the Retrieval Request (TC 52) record layout and edit criteria for TCR 1.

CTF - Outgoing and Incoming Interchange

Retrieval Request/Confirmation 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
17-32	16	AN	Fax Number
33-38	6	AN	Interface Trace Number
39	1	AN	Requested Fulfillment Method
40	1	AN	Established Fulfillment Method
41-51	11	AN	Issuer RFC Routing ID
52-53	2	AN	Reserved
54-56	3	UN	Issuer Billing Currency Code
57-68	12	AN	Issuer Billing Transaction Amount
69-83	15	UN	Transaction Identifier
84	1	AN	Excluded Transaction Identifier Reason
85	1	AN	CRS Processing Code
86-87	2	UN	Multiple Clearing Sequence Number
88-103	16	UN	PAN Token
104-168	65	AN	Reserved

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

Retrieval Request/Confirmation Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain 52 . The Transaction Codes is: 52 = Request for copy
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.

Retrieval Request/Confirmation 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.
Fax Number Positions: 17-32 Length: 16 Format: alphanumeric	Description: Fax number used for sending manual (as opposed to automated) fulfillments to the issuer. VIC Edit: This field may contain spaces. Issuers participating in the automated Copy Request and Fulfillment Service use this field in the Retrieval Requests (TC 52) for the telephone number of the FAX machine to which the copy should be sent.
Interface Trace Number Positions: 33-38 Length: 6 Format: alphanumeric	Description: Reserved field. Outgoing: The field is reserved and should be zero-filled. Incoming: The field is reserved; it may be non-zeros.
Requested Fulfillment Method Positions: 39 Length: 1 Format: alphanumeric	Description: Code designating whether manual or automated fulfillment is being requested. VIC Edit: For a TC 52 from an automated issuer: the field must be 0 (zero) or 1 . The Requested Fulfillment Method is: 1 = Automated fulfillment requested 0 = If the acquirer is not participating in the Automated RFC Service, the request will always be fulfilled manually.
Established Fulfillment Method Positions: 40 Length: 1 Format: alphanumeric	Description: Code designating whether the fulfillment method is to be manual or automated. No edit occurs. For TC 52 with a requested Fulfillment Method of 1 : <ul style="list-style-type: none">• If the acquirer is automated, the VIC will overlay a 1 in the field.• If the acquirer is not automated, the VIC will overlay a 0 (zero). in the field. Otherwise, the VIC will insert a 0 (zero). in the field.

Retrieval Request/Confirmation Edit Criteria

Issuer RFC Routing ID Positions: 41-51 Length: 11 Format: alphanumeric	Description: This field identifies the BASE II endpoint to which automated fulfillments and nonfulfillments should be routed. VIC Edit: For TC 52 with a Requested Fulfillment Method of 1 : <ul style="list-style-type: none">• If this field is not zeros, it must be either a valid CRM Routing ID or must be the Routing ID of Public Network Gateway.• If this field is zeros, the VIC will overlay the primary RFC Routing ID for the issuer. For all other TC 52s, no edit occurs; the VIC will overlay the field with zeros.
Reserved Positions: 52-53 Length: 2 Format: alphanumeric	Description: This field is reserved for future use.
Issuer Billing Currency Code Positions: 54-56 Length: 3 Format: unpacked numeric	Description: Designates the specific currency used in billing. This is an optional field for issuers to denote the billing currency used.
Issuer Billing Transaction Amount Positions: 57-68 Length: 12 Format: alphanumeric	Description: Designates the amount of a specific transaction in the currency used in billing. This is an optional field for issuers to denote transaction amount in the billing currency.
Transaction Identifier (TID) Positions: 69-83 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. VIC Edit: BASE II will zero-fill for non-CPS participating countries. National—CPS Participating Countries: If the acquirer Reference Number Format Code (in TCR 0) is 2 and the transaction is domestic, this field must be numeric.
Excluded Transaction Identifier Reason Positions: 84 Length: 1 Format: alphanumeric	Description: Code indicating that a transaction identifier is not included in the transaction. This field must contain a space.

Retrieval Request/Confirmation Edit Criteria

CRS Processing Code Positions: 85 Length: 1 Format: alphanumeric	Description: This CRS processing code will be set by BASE II when an retrieval request item has been validated by the Chargeback Reduction Service. A transaction not qualified for CRS validations will always contain a space in this field. Values: Y = Validated (edited by CRS) Space = Not validated
Multiple Clearing Sequence Number Positions: 86-87 Length: 2 Format: unpacked numeric	Description: This field contains 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. This field must contain the Multiple Clearing Sequence Number from the original transaction. For U.S. CPS transactions, this field must be numeric. Outgoing: Edit Package will move zeros to this field when the submitted value is not numeric. VIC Edit: BASE II will move zeros to this field when a non-numeric value is submitted.
PAN Token Positions: 88-103 Length: 16 Format: unpacked numeric	Description: A value that replaces the PAN at the time of authorization and clearing for merchants/acquirers.
Reserved Positions: 104-168 Length: 65 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 52 - TCR 4

These tables contain the Retrieval Request (TC 52) record layout and edit criteria for TCR 4.

CTF - Outgoing and Incoming Interchange

Retrieval Request/Confirmation Record Layout

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

Retrieval Request/Confirmation Record Layout

Position	Field Length	Format	Contents
4	1	UN	Transaction Component Sequence Number
5-16	12	AN	Reserved
17-20	4	UN	Network Identification Code
21-45	25	AN	Contact for Information
46-168	123	AN	Reserved

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

Retrieval Request/Confirmation Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: This field must contain 52 . The Transaction Code is: 52 = Request for copy
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 .
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Retrieval Request/Confirmation Edit Criteria

Network Identification Code Positions: 17-20 Length: 4 Format: unpacked numeric	Description: Indicates debit product used. The entry must be numeric and may be zeros. This field is mapped to the SMS Network ID field. 0002 = Visa (this is the default if the TCR 4 is not included) 0004 = Plus This field is included in all non-Visa presentments acquired by the Single Message System. This field is included in all non-Visa presentments acquired by the VisaNet Debit System. Plus Issuers are required to retain and return the Network Identification Code in subsequent U.S. domestic dispute financials and retrieval requests if this field was received in the original transaction.
Contact for Information Positions: 21-45 Length: 25 Format: alphanumeric	Description: Information that assists the recipient in contacting the originator. If not used, this field should be spaces.
Reserved Positions: 46-168 Length: 123 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Chapter 4

TC 54 Table Update Record Transactions

TC 54 - Table Update Record Transactions

The Table Update Records (TC 54) are used by a VIC (Visa Interchange Center) to transmit revised BIN Table records and ARDEF (Account Range Definition) Table File records to processing centers through the Interchange Transaction File.

TCR 0

ITF – Incoming Interchange

TC 54 - TCR 0

These tables contain the Table Update (TC 54) record layout and edit criteria for TCR 0.

CTF - Incoming Interchange

Table Update 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
19–22	4	UN	Version Number
23–28	6	UN	Sequence Number
29	1	AN	Record Type
30–169	140	Group	File Replacement Data
170	1	AN	Reimbursement Attribute

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

Table Update Edit Criteria

Transaction Code Positions: 1–2 Length: 2 Format: unpacked numeric	Description: The field will contain 54 .
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 will be space-filled for computers not generating hash-totals.
Transaction Code Qualifier Positions: 5 Length: 1 Format: unpacked numeric	Description: 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 must contain a 0 (zero).
Destination Identifier Positions: 7–12 Length: 6 Format: unpacked numeric	Description: The entity to which a BASE II transaction message is sent. The field will contain a valid acquiring or issuing identifier.
Source Identifier Positions: 13–18 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message is sent. The field will contain 400008 (the BASE II table distribution identifier).
Version Number Positions: 19–22 Length: 4 Format: unpacked numeric	Description: This field will contain zeros .
Sequence Number Positions: 23–28 Length: 6 Format: unpacked numeric	Description: This field will contain a sequence number of the record within a set of TC 54s. Sequence numbers start with zero and increment by one.

Table Update Edit Criteria

Record Type Positions: 29 Length: 1 Format: alphanumeric	Description: Values: A = Header for a set of updates C = Account Range File Data (C for Card Number) L = Codebase File Data M = BIN File Data (M for member) P = Profile File Data D = Definition File Data V = Rule and Value File Data Z = Trailer for a set of updates
File Replacement Data Positions: 30–169 Length: 140 Format: Group	Description: This element contains the data needed to update the center's Edit Package files. (Group data for Record Types A & Z)
File Image Positions: 30 Length: 1 Format: alphanumeric	Description: This field should contain an N .
File Updated Positions: 31 Length: 1 Format: alphanumeric	Description: This field specifies the file to be updated: A = Account Range B = BIN C = Codebase D = Definitions P = Profile V = Value
Update Mode Positions: 32 Length: 1 Format: alphanumeric	Description: This field specifies the type of update: R = Complete replace S = Single update
Reserved Positions: 33–169 Length: 137 Format: alphanumeric	Description: This field is reserved and should be spaces.

Table Update Edit Criteria

File Replacement Data Positions: 30–169 Length: 140 Format: Group	Description: This element contains the data needed to update the center's Edit Package files. (Group data for Record Types C, L, M, V, D and P)
Table Record Positions: 30–129 Length: 100 Format: alphanumeric	Description: This field contains Edit Package Table Update Record. For table update record layouts, see <i>BASE II Clearing Edit Package (Release 4.0) Operations Guide</i> .
Reserved Positions: 130–169 Length: 40 Format: alphanumeric	Description: This field is reserved for Edit Package use.
Reimbursement Attribute Positions: 170 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

Chapter 5

TC 55 RCRF Update Record Transactions

TC 55 - RCRF Update Record Transactions

The Regional Card Recovery File (RCRF) Update Records (TC 55) are used by a VisaNet Interchange Center (VIC) to transmit updates to the Regional Card File.

TCR 0, 1, 2

CTF - Incoming Interchange

TC 55 - TCR 0

These tables contain the RCRF Update (TC 55) record layout and edit criteria for TCR 0.

CTF - Incoming Interchange

RCRF Update 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
17-116	100	AN	Transaction Data
117-120	4	AN	Record ID
121-167	47	AN	Transaction Data
168	1	AN	Reimbursement Attribute

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

RCRF Update Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field will contain 55 .
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. The field will contain a valid acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message is sent. The field will contain a valid Visa Internal identifier.
Transaction Data Positions: 17-116 Length: 100 Format: alphanumeric	Description: See <i>Card Recovery Bulletin User's Guide</i> for specific transaction data information.
Record ID Positions: 117-120 Length: 4 Format: alphanumeric	Description: Identifies the type of record. Values: RCRF = Regional Card Recovery File transactions ABCS = ABCS transactions EHCF = Electronic HotCard File transactions COPA = COPAC Negative File transactions (Obsolete)

RCRF Update Edit Criteria

Transaction Data Positions: 121-167 Length: 47 Format: alphanumeric	Description: 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 55 - TCR 1-2

These tables contain the RCRF Update (TC 55) record layout and edit criteria for TCR 1-2.

CTF - Incoming Interchange

RCRF Update 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, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric

RCRF Update Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field will contain 55 .
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.

RCRF Update Edit Criteria

Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field will contain a 1 or 2 .
Transaction Data Positions: 5-168 Length: 164 Format: alphanumeric	Description: See <i>Card Recovery Bulletin User's Guide</i> for specific transaction data information.

TC 55 - TCR 1, 2, 3-7

These tables contain the RCRF Update (TC 55) record layout and edit criteria for TCR 1, 2 - (Outgoing Interchange), TCR 3-7 - (Outgoing and Incoming).

CTF - Outgoing and Incoming Interchange

TC 1,2 (Outgoing Interchange), TCR 3-7 (Outgoing and Incoming) RCRF Update 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 (Reserved for future use)

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

TC 1,2 (Outgoing Interchange), TCR 3-7 (Outgoing and Incoming) RCRF Update Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field will contain 55 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: The field will contain 1 through 7 . 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 7 .
Transaction Data Positions: 5-168 Length: 164 Format: alphanumeric	Description: See <i>Card Recovery Bulletin User's Guide</i> for specific transaction data information.

Chapter 6

TC 56 Currency Conversion Rate Update Record Transactions

TC 56 - Currency Conversion Rate Update Record Transactions

The Currency Conversion Rate Update Records (TC 56) are used by a VisaNet Interchange Center (VIC) to transmit daily updates to the processing center's conversion rate file.

TCR 0, 1

CTF - Incoming Interchange

The VIC provides subscribing centers with the same Currency Conversion Rate information that it uses, so that centers can have the actual conversion rate used. Members must subscribe to this service to receive the conversion rates.

Each Currency Conversion Rate Update transaction contains eleven different entries; the last record in the file may contain fewer than eleven. Each entry contains the ISO numeric Currency Code of the counter currency, the ISO numeric Currency Code of the base currency, VIC Processing Date, the buy conversion and sell conversion rate applied to the currency that day, and the currency scale factor identifier for each of the conversion rates.

The contents of the Visa International Currency Conversion Rate file (i.e., Rate Update Records or TC 56 file) are Confidential and may be used only by Visa and its authorized member financial institutions. Any other use is strictly prohibited unless expressly authorized by Visa International.

TC 56 - TCR 0

These tables contain the Currency Conversion Rate Update (TC 56) record layout and edit criteria for TCR 0.

CTF - Incoming Interchange

Currency Conversion Rate Update 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
17-43	27	Group	First Currency Entry
44-70	27	Group	Second Currency Entry

Currency Conversion Rate Update Record Layout

Position	Field Length	Format	Contents
71-97	27	Group	Third Currency Entry
98-124	27	Group	Fourth Currency Entry
125-151	27	Group	Fifth Currency Entry
152-156	5	AN	Rate Table ID
157-168	12	AN	Reserved

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

Currency Conversion Rate Update Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field will contain 56 .
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 a valid acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message is sent. Incoming: This field must contain 400020 .

Currency Conversion Rate Update Edit Criteria

First Currency Entry Positions: 17-43 Length: 27 Format: Group	Description: The entry contains the ISO numeric Currency Code of the first counter currency.
Action Code Positions: 17 Length: 1 Format: alphanumeric	Description: The full file distribution has an action code of A . The unused entries are spaces, which indicates the end of the record. A = Add rate * = Add currency type
Counter Currency Code Positions: 18-20 Length: 3 Format: alphanumeric	Description: ISO numeric Currency Code of the counter currency.
Base Currency Code Positions: 21-23 Length: 3 Format: alphanumeric	Description: ISO numeric Currency Code of the base currency.
Effective Date Positions: 24-27 Length: 4 Format: unpacked numeric	Description: The format of this field is MMDD (month, day).
Buy Scale Factor and Rate Positions: 28-35 Length: 8 Format: unpacked numeric	Description: The currency scale factor identifier for each of the conversion rates. The number of units of base currency required to buy one unit of counter currency. The format of this field is SSRRRRRR , where: SS = Scale Factor. These positions represent the 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 . RRRRRR = Conversion Rate <ul style="list-style-type: none"> • A scale factor of zero 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 01RRRRR. • A scale factor of 02 means the number has two decimal places accuracy: RRRR.RR is entered as 02RRRRR, 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.

Currency Conversion Rate Update Edit Criteria

Sell Scale Factor and Rate Positions: 36-43 Length: 8 Format: unpacked numeric	<p>Description: The number of units of base currency received from selling one unit of counter currency.</p> <p>The sell conversion rate applied to the currency.</p> <p>The format of this field is SSRRRRRR where:</p> <p>SS = Scale Factor. These positions represent the 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.</p> <ul style="list-style-type: none"> • 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 01RRRRR. • A scale factor of 02 means the number has two decimal places accuracy: RRRR.RR is entered as 02RRRRR, 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.
Second Currency Entry Positions: 44-70 Length: 27 Format: Group	<p>Description: The entry contains the ISO numeric Currency Code of the second counter currency.</p>
Action Code Positions: 44 Length: 1 Format: alphanumeric	<p>Description: The full file distribution has an action code of A. The unused entries are spaces, which indicates the end of the record.</p> <p>A = Add rate * = Add currency type</p>
Counter Currency Code Positions: 45-47 Length: 3 Format: alphanumeric	<p>Description: ISO numeric Currency Code of the counter currency.</p>
Base Currency Code Positions: 48-50 Length: 3 Format: alphanumeric	<p>Description: ISO numeric Currency Code of the base currency.</p>
Effective Date Positions: 51-54 Length: 4 Format: unpacked numeric	<p>Description: The format of this field is MMDD (month, day).</p>

Currency Conversion Rate Update Edit Criteria

Buy Scale Factor and Rate Positions: 55-62 Length: 8 Format: unpacked numeric	<p>Description: The currency scale factor identifier for each of the conversion rates.</p> <p>The number of units of base currency required to buy one unit of counter currency.</p> <p>The format of this field is SSRRRRRR, where:</p> <p>SS = Scale Factor. These positions represent the 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</p> <ul style="list-style-type: none"> • A scale factor of zero 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 places 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.
Sell Scale Factor and Rate Positions: 63-70 Length: 8 Format: unpacked numeric	<p>Description: The number of units of base currency received from selling one unit of counter currency.</p> <p>The sell conversion rate applied to the currency.</p> <p>The format of this field is SSRRRRRR where:</p> <p>SS = Scale Factor. These positions represent the 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.</p> <ul style="list-style-type: none"> • 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 places accuracy: RRRR.RR is entered as 02 RRRRRR, 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.
Third Currency Entry Positions: 71-97 Length: 27 Format: Group	<p>Description: The entry contains the ISO numeric Currency Code of the third counter currency</p>
Action Code Positions: 71 Length: 1 Format: alphanumeric	<p>Description: The full file distribution has an action code of A. The unused entries are spaces, which indicate the end of the record.</p> <p>A = Add rate</p> <p>* = Add currency type</p>

Currency Conversion Rate Update Edit Criteria

Counter Currency Code Positions: 72-74 Length: 3 Format: alphanumeric	Description: ISO numeric Currency Code of the counter currency. ISO numeric Currency Code of the counter currency.
Base Currency Code Positions: 75-77 Length: 3 Format: alphanumeric	Description: ISO numeric Currency Code of the base currency. Note: This field must contain a space.
Effective Date Positions: 78-81 Length: 4 Format: unpacked numeric	Description: The format of this field is MMDD (month, day).
Buy Scale Factor and Rate Positions: 82-89 Length: 8 Format: unpacked numeric	Description: The currency scale factor identifier for each of the conversion rates. The number of units of base currency required to buy one unit of counter currency. The format of this field is SSRRRRRR , where: SS = Scale Factor. These positions represent the 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 . RRRRRR = Conversion Rate <ul style="list-style-type: none"> • A scale factor of zero 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 01RRRRR). • A scale factor of 02 means the number has two decimal places accuracy: RRRR.RR is entered as 02RRRRR, and so forth. • For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRR is entered as 08RRRRR.

Currency Conversion Rate Update Edit Criteria

Sell Scale Factor and Rate Positions: 90-97 Length: 8 Format: unpacked numeric	<p>Description: The number of units of base currency received from selling one unit of counter currency.</p> <p>The sell conversion rate applied to the currency.</p> <p>The format of this field is SSRRRRRR where:</p> <p>SS = Scale Factor. These positions represent the 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.</p> <ul style="list-style-type: none"> • 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 01RRRRR. • A scale factor of 02 means the number has two decimal places accuracy: RRRR.RR is entered as 02 RRRRR, 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.
Fourth Currency Entry Positions: 98-124 Length: 27 Format: Group	<p>Description: The entry contains the ISO numeric Currency Code of the fourth counter currency.</p>
Action Code Positions: 98 Length: 1 Format: alphanumeric	<p>Description: The full file distribution has an action code of A. The unused entries are spaces, which indicates the end of the record.</p> <p>A = Add rate * = Add currency type</p>
Counter Currency Code Positions: 99-101 Length: 3 Format: alphanumeric	<p>Description: ISO numeric Currency Code of the counter currency.</p>
Base Currency Code Positions: 102-104 Length: 3 Format: alphanumeric	<p>Description: ISO numeric Currency Code of the base currency.</p>
Effective Date Positions: 105-108 Length: 4 Format: unpacked numeric	<p>Description: The format of this field is MMDD (month, day).</p>

Currency Conversion Rate Update Edit Criteria

Buy Scale Factor and Rate Positions: 109-116 Length: 8 Format: unpacked numeric	<p>Description: The currency scale factor identifier for each of the conversion rates.</p> <p>The number of units of base currency required to buy one unit of counter currency.</p> <p>The format of this field is SSRRRRRR, where:</p> <p>SS = Scale Factor. These positions represent the 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</p> <ul style="list-style-type: none"> • A scale factor of zero 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 places 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.
Sell Scale Factor and Rate Positions: 117-124 Length: 8 Format: unpacked numeric	<p>Description: The sell conversion rate applied to the currency.</p> <p>The number of units of base currency received from selling one unit of counter currency.</p> <p>The format of this field is SSRRRRRR where:</p> <p>SS = Scale Factor. These positions represent the 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.</p> <ul style="list-style-type: none"> • 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 places accuracy: RRRR.RR is entered as 02 RRRRRR, 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.
Fifth Currency Entry Positions: 125-151 Length: 27 Format: Group	<p>Description: The entry contains the ISO numeric Currency Code of the fifth counter currency.</p>
Action Code Positions: 125 Length: 1 Format: alphanumeric	<p>Description: The full file distribution has an action code of A. The unused entries are spaces, which indicates the end of the record.</p> <p>A = Add rate</p> <p>* = Add currency type</p>

Currency Conversion Rate Update Edit Criteria

Counter Currency Code Positions: 126-128 Length: 3 Format: alphanumeric	Description: ISO numeric Currency Code of the counter currency.
Base Currency Code Positions: 129-131 Length: 3 Format: alphanumeric	Description: ISO numeric Currency Code of the base currency.
Effective Date Positions: 132-35 Length: 4 Format: unpacked numeric	Description: The format of this field is MMDD (month, day).
Buy Scale Factor and Rate Positions: 136-143 Length: 8 Format: unpacked numeric	<p>Description: The currency scale factor identifier for each of the conversion rates.</p> <p>The number of units of base currency required to buy one unit of counter currency.</p> <p>The format of this field is SSRRRRRR, where:</p> <p>SS = Scale Factor. These positions represent the 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</p> <ul style="list-style-type: none"> • A scale factor of zero 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 01RRRRR. • A scale factor of 02 means the number has two decimal places accuracy: RRRR.RR is entered as 02RRRRR, and so forth. • For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRR is entered as 08RRRRR.

Currency Conversion Rate Update Edit Criteria

Sell Scale Factor and Rate Positions: 144-151 Length: 8 Format: unpacked numeric	<p>Description: The sell conversion rate applied to the currency.</p> <p>The number of units of base currency received from selling one unit of counter currency.</p> <p>The format of this field is SSRRRRRR where:</p> <p>SS = Scale Factor. These positions represent the 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.</p> <ul style="list-style-type: none"> • 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 01RRRRR. • A scale factor of 02 means the number has two decimal places accuracy: RRRR.RR is entered as 02 RRRRR, 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.
Rate Table ID Positions: 152-156 Length: 5 Format: alphanumeric	<p>Description: This field will contain the rate table ID of the foreign exchange rate table used for currency conversion. The rate table ID contains alpha and numeric values for a total of five characters.</p>
Reserved Positions: 157-168 Length: 12 Format: alphanumeric	<p>Description: This field is reserved for future use.</p>

TC 56 - TCR 1

These tables contain the Currency Conversion Rate Update (TC 56) record layout and edit criteria for TCR 1.

CTF - Incoming Interchange

Currency Conversion Rate Update 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

Currency Conversion Rate Update Record Layout

Position	Field Length	Format	Contents
5-31	27	Group	Sixth Currency Entry
32-58	27	Group	Seventh Currency Entry
59-85	27	Group	Eighth Currency Entry
86-112	27	Group	Ninth Currency Entry
113-139	27	Group	Tenth Currency Entry
140-166	27	Group	Eleventh Currency Entry
167-168	2	AN	Reserved

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

Currency Conversion Rate Update Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field will contain 56 .
Transaction Code Qualifier Positions: 3 Length: 1 Format: unpacked numeric	Description: This field will contain a 0 (zero). 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: This field will contain a 1 .
Sixth Currency Entry Positions: 5-31 Length: 27 Format: Group	Description: The entry contains the ISO numeric Currency Code of the sixth counter currency.
Action Code Positions: 5 Length: 1 Format: alphanumeric	Description: The full file distribution has an action code of A . The unused entries are spaces, which indicates the end of the record. A = Add rate * = Add currency type

Currency Conversion Rate Update Edit Criteria

Counter Currency Code Positions: 6-8 Length: 3 Format: alphanumeric	Description: ISO numeric Currency Code of the counter currency.
Base Currency Code Positions: 9-11 Length: 3 Format: alphanumeric	Description: ISO numeric Currency Code of the base currency.
Effective Date Positions: 12-15 Length: 4 Format: unpacked numeric	Description: The format of this field is MMDD (month, day).
Buy Scale Factor and Rate Positions: 16-23 Length: 8 Format: unpacked numeric	Description: The currency scale factor identifier for each of the conversion rates. The number of units of base currency required to buy one unit of counter currency. The format of this field is SSRRRRRR where: 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 . RRRRRR = Conversion Rate. <ul style="list-style-type: none"> • 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 01RRRRR. • A scale factor of 02 means the number has two decimal places accuracy; RRRR.RR is entered as 02RRRRR and so forth. • For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRR is entered as 08RRRRR.

Currency Conversion Rate Update Edit Criteria

Sell Scale Factor and Rate Positions: 24-31 Length: 8 Format: unpacked numeric	<p>Description: The sell conversion rate applied to the currency.</p> <p>The number of units of base currency received from selling one unit of counter 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.</p> <ul style="list-style-type: none"> • 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 01RRRRR. • A scale factor of 02 means the number has two decimal places accuracy; RRRR.RR is entered as 02RRRRR 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.
Seventh Currency Entry Positions: 32-58 Length: 27 Format: Group	<p>Description: The entry contains the ISO numeric Currency Code of the seventh counter currency.</p>
Action Code Positions: 32 Length: 1 Format: alphanumeric	<p>Description: The full file distribution has an action code of A. The unused entries are spaces, which indicates the end of the record.</p> <p>A = Add rate * = Add currency type</p>
Counter Currency Code Positions: 33-35 Length: 3 Format: alphanumeric	<p>Description: ISO numeric Currency Code of the counter currency.</p>
Base Currency Code Positions: 36-38 Length: 3 Format: alphanumeric	<p>Description: ISO numeric Currency Code of the base currency.</p>
Effective Date Positions: 39-42 Length: 4 Format: unpacked numeric	<p>Description: The format of this field is MMDD (month, day).</p>

Currency Conversion Rate Update Edit Criteria

Buy Scale Factor and Rate Positions: 43-50 Length: 8 Format: unpacked numeric	<p>Description: The currency scale factor identifier for each of the conversion rates.</p> <p>The number of units of base currency required to buy one unit of counter 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.</p> <ul style="list-style-type: none"> • 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 places 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
Sell Scale Factor and Rate Positions: 51-58 Length: 8 Format: unpacked numeric	<p>Description: The sell conversion rate applied to the currency.</p> <p>The number of units of base currency received from selling one unit of counter 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.</p> <ul style="list-style-type: none"> • 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 places 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.
Eighth Currency Entry Positions: 59-85 Length: 27 Format: Group	<p>Description: The entry contains the ISO numeric Currency Code of the eighth counter currency.</p>
Action Code Positions: 59 Length: 1 Format: alphanumeric	<p>Description: The full file distribution has an action code of A. The unused entries are spaces, which indicate the end of the record.</p> <p>A = Add rate</p> <p>* = Add currency type</p>

Currency Conversion Rate Update Edit Criteria

Counter Currency Code Positions: 60-62 Length: 3 Format: alphanumeric	Description: ISO numeric Currency Code of the counter currency.
Base Currency Code Positions: 63-65 Length: 3 Format: alphanumeric	Description: ISO numeric Currency Code of the base currency.
Effective Date Positions: 66-69 Length: 4 Format: unpacked numeric	Description: The format of this field is MMDD (month, day).
Buy Scale Factor and Rate Positions: 70-77 Length: 8 Format: unpacked numeric	Description: The currency scale factor identifier for each of the conversion rates. The number of units of base currency required to buy one unit of counter currency. The format of this field is SSRRRRRR where: 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 . RRRRRR = Conversion Rate. <ul style="list-style-type: none"> • 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 01RRRRR. • A scale factor of 02 means the number has two decimal places accuracy; RRRR.RR is entered as 02RRRRR and so forth. • For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRR is entered as 08RRRRR.

Currency Conversion Rate Update Edit Criteria

Sell Scale Factor and Rate Positions: 78-85 Length: 8 Format: unpacked numeric	<p>Description: The sell conversion rate applied to the currency.</p> <p>The number of units of base currency received from selling one unit of counter 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.</p> <ul style="list-style-type: none"> • 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 01RRRRR. • A scale factor of 02 means the number has two decimal places accuracy; RRRR.RR is entered as 02RRRRR and so forth. • For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRR is entered as 08RRRRR.
Ninth Currency Entry Positions: 86-112 Length: 27 Format: Group	<p>Description: The entry contains the ISO numeric Currency Code of the fifth counter currency.</p>
Action Code Positions: 86 Length: 1 Format: alphanumeric	<p>Description: The full file distribution has an action code of A. The unused entries are spaces, which indicates the end of the record.</p> <p>A = Add rate * = Add currency type</p>
Counter Currency Code Positions: 87-89 Length: 3 Format: alphanumeric	<p>Description: ISO numeric Currency Code of the counter currency.</p>
Base Currency Code Positions: 90-92 Length: 3 Format: alphanumeric	<p>Description: ISO numeric Currency Code of the base currency.</p>
Effective Date Positions: 93-96 Length: 4 Format: unpacked numeric	<p>Description: The format of this field is MMDD (month, day).</p>

Currency Conversion Rate Update Edit Criteria

Buy Scale Factor and Rate Positions: 97-104 Length: 8 Format: unpacked numeric	<p>Description: The currency scale factor identifier for each of the conversion rates.</p> <p>The number of units of base currency required to buy one unit of counter 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.</p> <ul style="list-style-type: none"> • 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 places 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.
Sell Scale Factor and Rate Positions: 105-112 Length: 8 Format: unpacked numeric	<p>Description: The sell conversion rate applied to the currency.</p> <p>The number of units of base currency received from selling one unit of counter 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</p> <ul style="list-style-type: none"> • 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 places 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.
Tenth Currency Entry Positions: 113-139 Length: 27 Format: Group	<p>Description: The entry contains the ISO numeric Currency Code of the tenth counter currency.</p>
Action Code Positions: 113 Length: 1 Format: alphanumeric	<p>Description: The full file distribution has an action code of A. The unused entries are spaces, which indicates the end of the record.</p> <p>A = Add rate</p> <p>* = Add currency type</p>

Currency Conversion Rate Update Edit Criteria

Counter Currency Code Positions: 114-116 Length: 3 Format: alphanumeric	Description: ISO numeric Currency Code of the counter currency.
Base Currency Code Positions: 117-119 Length: 3 Format: alphanumeric	Description: ISO numeric Currency Code of the base currency.
Effective Date Positions: 120-123 Length: 4 Format: unpacked numeric	Description: The format of this field is MMDD (month, day).
Buy Scale Factor and Rate Positions: 124-131 Length: 8 Format: unpacked numeric	Description: The currency scale factor identifier for each of the conversion rates. The number of units of base currency required to buy one unit of counter currency. The format of this field is SSRRRRRR where: 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 . RRRRRR = Conversion Rate. <ul style="list-style-type: none"> • 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 01RRRRR. • A scale factor of 02 means the number has two decimal places accuracy; RRRR.RR is entered as 02RRRRR and so forth. • For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRR is entered as 08RRRRR.

Currency Conversion Rate Update Edit Criteria

Sell Scale Factor and Rate Positions: 132-139 Length: 8 Format: unpacked numeric	<p>Description: The sell conversion rate applied to the currency.</p> <p>The number of units of base currency received from selling one unit of counter 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.</p> <ul style="list-style-type: none"> • 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 01RRRRR. • A scale factor of 02 means the number has two decimal places accuracy; RRRR.RR is entered as 02RRRRR 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.
Eleventh Currency Entry Positions: 140-166 Length: 27 Format: Group	<p>Description: The entry contains the ISO numeric Currency Code of the tenth counter currency.</p>
Action Code Positions: 140 Length: 1 Format: alphanumeric	<p>Description: The full file distribution has an action code of A. The unused entries are spaces, which indicates the end of the record.</p> <p>A = Add rate * = Add currency type</p>
Counter Currency Code Positions: 141-143 Length: 3 Format: alphanumeric	<p>Description: ISO numeric Currency Code of the counter currency.</p>
Base Currency Code Positions: 144-146 Length: 3 Format: alphanumeric	<p>Description: ISO numeric Currency Code of the base currency.</p>
Effective Date Positions: 147-150 Length: 4 Format: unpacked numeric	<p>Description: The format of this field is MMDD (month, day).</p>

Currency Conversion Rate Update Edit Criteria

Buy Scale Factor and Rate Positions: 151-158 Length: 8 Format: unpacked numeric	<p>Description: The currency scale factor identifier for each of the conversion rates.</p> <p>The number of units of base currency required to buy one unit of counter 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>RRRRR = Conversion Rate.</p> <ul style="list-style-type: none"> • 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 01RRRRR. • A scale factor of 02 means the number has two decimal places accuracy; RRRR.RR is entered as 02RRRRR and so forth. • For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRR is entered as 08RRRRR.
Sell Scale Factor and Rate Positions: 159-166 Length: 8 Format: unpacked numeric	<p>Description: The number of units of base currency received from selling one unit of counter 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>RRRRR = Conversion Rate.</p> <ul style="list-style-type: none"> • 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 01RRRRR. • A scale factor of 02 means the number has two decimal places accuracy; RRRR.RR is entered as 02RRRRR and so forth. • For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRR is entered as 08RRRRR.
Reserved Positions: 167-168 Length: 2 Format: alphanumeric	<p>Description: Reserved for future use. EP will always space-fill.</p>

Chapter 7

TC 57 Data Capture Advice Transactions

TC 57 - Data Capture Advice Transactions

The Data Capture Advice (TC 57) records give Visa acquirers the transaction details for batches of Visa transactions captured by Visa terminals or certain non-Visa terminals, or non-Visa card transactions captured by Visa terminals.

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

CTF - Outgoing and Incoming Interchange

The VisaNet Data Capture Service or another data capture provider transmits the merchant batch header, transactions detail, and trailer data to the VIC. The merchant batch data are forwarded by the VIC to the acquirer in TC 57 format. Each acquirer receives merchant batch data concerning all transactions coming from its merchants' terminals.

Data Capture Advices are different from other transaction types in an incoming BASE II file, as there are three record types for TC 57 advice records.

Batch Header—Contains merchant and terminal information

Cardholder Transaction Detail—Contains individual transaction information

Batch Trailer—Contains balancing information

See *VisaNet POS Services Technical User's Guide* and *File Formats Manual*.

Each TC 57 trailer record contains BASE II and Data Capture control data. A portion of the control data is used by the BASE II System and the remaining fields enable the acquirer to recognize and reconcile the captured data.

See *VisaNet Data Capture Service User's Manual*.

TC 57 - TCR 0 - Batch Header

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 0 - Batch Header.

CTF - Outgoing and Incoming Interchange

Data Capture Advice—Batch Header 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

Data Capture Advice—Batch Header Record Layout

Position	Field Length	Format	Contents
5-10	6	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-22	6	AN	Reserved
23-34	12	UN	Transaction Amount
35-37	3	AN	Reserved
38	1	AN	Draft Flag
39-42	4	UN	Central Processing Date (YDDD)
43-44	2	AN	Record Format Code
45	1	AN	Reversal Flag
46-68	23	AN	Reserved
69-72	4	UN	Data Capture Processing Date (YDDD)
73-74	2	AN	Reserved
75-80	6	UN	Agent
81-86	6	UN	Chain
87-102	16	UN	Merchant Number
103-106	4	UN	Store Number
107-110	4	UN	Terminal Number
111-115	5	UN	Merchant Batch Number
116-119	4	UN	Merchant Batch Date (MMDD)
120-134	15	AN	Discover Merchant ID
135-140	6	UN	Batch Transmit Time
141-143	3	AN	Time Zone
144-146	3	UN	GMT Offset
147-151	5	UN	Merchant Security Code
152-153	2	AN	Reserved
154-166	13	AN	Internal Merchant Batch Key
167	1	AN	Record Type
168	1	AN	Reimbursement Attribute

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

Data Capture Advice—Batch Header Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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 a BASE II transaction message is sent. The field must contain a valid acquiring identifier with a relationship with the data capture service provider.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The field must contain the source identifier of the data capture service provider.
Reserved Positions: 17-22 Length: 6 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Transaction Amount Positions: 23-34 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 zeros.
Reserved Positions: 35-37 Length: 3 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Data Capture Advice—Batch Header Edit Criteria

Draft Flag Positions: 38 Length: 1 Format: alphanumeric	Description: Indicates if draft submitted. This field may contain any alphanumeric value. N = No draft submitted (default).
Central Processing Date Positions: 39-42 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). Same as BASE II Collection Date. Outgoing: The field must be a numeric. Incoming: The field will contain a valid YDDD (year and Julian day) date.
Record Format Code Positions: 43-44 Length: 2 Format: alphanumeric	Description: Identifies the type of data in this record. The field must contain DC .
Reversal Flag Positions: 45 Length: 1 Format: alphanumeric	Description: Indicates if this is a reversal. The field must be space-filled or contain an R . Blank = Nonreversal (default) R = Reversal
Reserved Positions: 46-68 Length: 23 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Data Capture Processing Date Positions: 69-72 Length: 4 Format: unpacked numeric	Description: Date TC 57 created. The format for this field is YDDD (Julian Date). This date cannot be greater than the Edit Package processing date.
Reserved Positions: 73-74 Length: 2 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Agent Positions: 75-80 Length: 6 Format: unpacked numeric	Description: Indicates the settlement agent bank. This field should contain the name of the agent initially accepting the payment. The field must be numeric and may contain a zero . If not zero, provides a level of reporting between acquiring identifier and chain.

Data Capture Advice—Batch Header Edit Criteria

Chain Positions: 81-86 Length: 6 Format: unpacked numeric	Description: Indicates name of merchant chain. The field must be numeric and may contain a zero . If not zero, provides a level of reporting between acquiring identifier and chain.
Merchant Number Positions: 87-102 Length: 16 Format: unpacked numeric	Description: Number identifying the merchant. The field must be numeric and greater than zero. 15 digits after one leading zero, or 12 digits after four leading zeros. Cannot be all zeros.
Store Number Positions: 103-106 Length: 4 Format: unpacked numeric	Description: Number identifying the merchant location where the transaction took place. Assigned by acquirer. The field must be numeric and may contain a zero .
Terminal Number Positions: 107-110 Length: 4 Format: unpacked numeric	Description: Number identifying the actual terminal involved in a given transaction. Assigned by acquirer. The field must be numeric and may contain a zero .
Merchant Batch Number Positions: 111-115 Length: 5 Format: unpacked numeric	Description: Number assigned by the merchant terminal identifying a particular set of transaction records. The field must be numeric and greater than zero.
Merchant Batch Date Positions: 116-119 Length: 4 Format: unpacked numeric	Description: Date on which merchant transmitted the batch to the VIC. The format of this field is MMDD .
Discover Merchant ID Positions: 120-134 Length: 15 Format: alphanumeric	Description: Identification number of merchant dealing with Discover cards. The field must be numeric and greater than zero if the terminal can collect Discover transactions. Otherwise, it must contain spaces.
Batch Transmit Time Positions: 135-140 Length: 6 Format: unpacked numeric	Description: Identifies time when the batch of transaction records was transmitted. The format of this field is HHMMSS , where: HH = 00 through 23 MM = 00 through 59 SS = 00 through 59

Data Capture Advice—Batch Header Edit Criteria

Time Zone Positions: 141-143 Length: 3 Format: alphanumeric	Description: Indicates the time zone in which the transmittal occurred. Can be any of the 24 longitudinal areas into which the world is divided. For example, PST for Pacific Standard Time.
GMT Offset Positions: 144-146 Length: 3 Format: alphanumeric	Description: Greenwich mean time offset.
Merchant Security Code Positions: 147-151 Length: 5 Format: unpacked numeric	Description: Merchant security code, used for Merchant Data Capture (MDC) only.
Reserved Positions: 152-153 Length: 2 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Internal Merchant Batch Key Positions: 154-166 Length: 13 Format: alphanumeric	Description: Identifies the merchant batch. The first nine digits are unique for each merchant batch. The last four digits contain the TCR (record) count within the merchant batch.
Record Type Positions: 167 Length: 1 Format: alphanumeric	Description: Type of record. The entry will be a 1 for a Merchant Batch Header.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

TC 57 - TCR 0 - Batch Header (Korea)

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 0 - Batch Header (Korea).

CTF - Outgoing and Incoming Interchange

Data Capture Advice—Batch Header (Korea) 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
17-31	15	AN	Third-Party Processor Business ID
32-35	4	UN	Central Processing Date (YDDD)
36-42	7	AN	Reserved
43-44	2	AN	Record Format Code (KR)
45-152	108	AN	Reserved
153-160	8	UN	Data Capture Processing Date (YYYYMMDD)
161-166	6	UN	Batch Creation Time (HHMMSS)
167	1	AN	Record Type
168	1	AN	Reimbursement Attribute

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

Data Capture Advice—Batch Header (Korea) Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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).

Data Capture Advice—Batch Header (Korea) Edit Criteria

Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which a BASE II transaction message is sent. The field must contain a valid acquiring identifier with a relationship with the data capture service provider.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The field must contain the source identifier of the data capture service provider.
Third-Party Processor Business ID Positions: 17-31 Length: 15 Format: alphanumeric	Description: The field must contain the business ID of the data capture service provider or space when not applicable.
Central Processing Date Positions: 32-35 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). Same as BASE II Collection Date. Outgoing: The field must be a numeric. Incoming: The field will contain a valid YDDD (year and Julian day) date.
Reserved Positions: 36-42 Length: 7 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Record Format Code (KR) Positions: 43-44 Length: 2 Format: alphanumeric	Description: Identifies the type of data in this record. The field must contain KR (Korea).
Reserved Positions: 45-152 Length: 108 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Data Capture Processing Date Positions: 153-160 Length: 8 Format: unpacked numeric	Description: Date TC 57 created. This field must contain a data capture processing date in the format YYYYMMDD (Year, Month and Day).

Data Capture Advice—Batch Header (Korea) Edit Criteria

Batch Creation Time Positions: 161-166 Length: 6 Format: unpacked numeric	Description: Time the batch was created. This field must contain a batch creation date in the format HHMMSS (Hour, Minute and Second).
Record Type Positions: 167 Length: 1 Format: alphanumeric	Description: Type of record. The entry must be a 1 for a Merchant Batch Header.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

TC 57 - TCR 1 - Batch Header

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 1 - Batch Header.

CTF - Outgoing and Incoming Interchange

Data Capture Advice—Batch Header 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	Device Code
18-21	4	AN	Reserved
22-29	8	AN	Internal Terminal Serial Number
30-33	4	UN	Merchant Category Code
34-58	25	AN	Merchant Name
59-71	13	AN	Merchant City
72-74	3	AN	Merchant State/Province Code

Data Capture Advice—Batch Header Record Layout

Position	Field Length	Format	Contents
75-77	3	AN	Merchant Country Code
78-82	5	UN	Merchant ZIP Code
83-86	4	UN	Reserved
87	1	AN	Transmission Route
88-92	5	UN	Terminal Locator Number
93-153	61	AN	Reserved
154-166	13	AN	Internal Merchant Batch Key
167	1	AN	Record Type
168	1	AN	Reserved

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

Data Capture Advice—Batch Header Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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 and must follow TCR 0.
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Data Capture Advice—Batch Header Edit Criteria

Device Code Positions: 17 Length: 1 Format: alphanumeric	Description: Indicates type of terminal. A 5 sent from the terminal indicates a Visa-certified second-generation dial terminal.
Reserved Positions: 18-21 Length: 4 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Internal Terminal Serial Number Positions: 22-29 Length: 8 Format: alphanumeric	Description: Internal serial number identifying the actual terminal involved in a given transaction.
Merchant Category Code Positions: 30-33 Length: 4 Format: unpacked numeric	Description: Indicates merchant's type of business product or service. The field must contain a valid Merchant Category Code.
Merchant Name Positions: 34-58 Length: 25 Format: alphanumeric	Description: Name of merchant that generated the transaction. The first position of this field may not be a space.
Merchant City Positions: 59-71 Length: 13 Format: alphanumeric	Description: City in which merchant is located. The first position of this field may not be a space.
Merchant State/Province Code Positions: 72-74 Length: 3 Format: alphanumeric	Description: Code designating state or province code of merchant location where the actual transaction took place. If the Merchant Country Code is US , this field must contain a valid U.S. State Code. Otherwise, it must be spaces.
Merchant Country Code Positions: 75-77 Length: 3 Format: alphanumeric	Description: Code designating country of merchant location where the actual transaction took place. The field must contain a valid Country Code.

Data Capture Advice—Batch Header Edit Criteria

Merchant ZIP Code Positions: 78-82 Length: 5 Format: unpacked numeric	Description: Code designating ZIP code of merchant location where the actual transaction took place. The field must be numeric.
Reserved Positions: 83-86 Length: 4 Format: unpacked numeric	Description: This field is reserved for future use. EP will always space-fill.
Transmission Route Positions: 87 Length: 1 Format: alphanumeric	Description: Indicates method/route of data transmission.
Terminal Locator Number Positions: 88-92 Length: 5 Format: unpacked numeric	Description: Number indicating terminal location.
Reserved Positions: 93-153 Length: 61 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Internal Merchant Batch Key Positions: 154-166 Length: 13 Format: alphanumeric	Description: Identifies the merchant batch. The first nine digits are unique for each merchant batch. The last four digits contain the TCR (record) count within the merchant batch.
Record Type Positions: 167 Length: 1 Format: alphanumeric	Description: Type of record. The entry will be a 1 for a Merchant Batch Header.
Reserved Positions: 168 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 57 - TCR 2 - American Express Batch Header

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 2 - American Express Batch Header.

CTF - Outgoing and Incoming Interchange

Data Capture 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
17-26	10	AN	Service Establishment Number
27-28	2	AN	Format Code
29-31	3	UN	Invoice Batch
32-33	2	UN	Invoice Sub-Code
34-39	6	UN	Process Control ID
40-45	6	UN	File Sequence Number
46-55	10	AN	Chain Affiliated Property (CAP) Number
56-73	18	AN	Service Establishment City
74-153	80	AN	Reserved
154-166	13	AN	Internal Merchant Batch Key
167	1	AN	Record Type
168	1	AN	Reserved

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

Data Capture Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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 . This record must follow the TCR 1.
Reserved Positions: 5-16 Length: 6 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Service Establishment Number Positions: 17-26 Length: 10 Format: alphanumeric	Description: Identifies the merchant. The field must contain a valid Service Establishment Number. It must be numeric and pass the modulus-10 check digit routine.
Format Code Positions: 27-28 Length: 2 Format: alphanumeric	Description: Identifies the type of transaction. The field must contain a 02, 03, 05, 10, 11, 12, or 20 . The Format Codes are: 02 = General Merchandise 03 = General Merchandise 05 = Automobile Rental 10 = General Merchandise 11 = Lodging 12 = Restaurant 20 = General Merchandise

Data Capture Advice Edit Criteria

Invoice Batch Positions: 29-31 Length: 3 Format: unpacked numeric	Description: Code identifying the batch containing the invoice. The field must be numeric and greater than zero.
Invoice Sub-Code Positions: 32-33 Length: 2 Format: unpacked numeric	Description: The sub-code indicating invoice batch. The field must be numeric and may be zeros.
Process Control ID Positions: 34-39 Length: 6 Format: unpacked numeric	Description: Identifies the control record. The field must be numeric and greater than zero.
File Sequence Number Positions: 40-45 Length: 6 Format: unpacked numeric	Description: Unique ID identifying the chain. The field must be numeric and greater than zero.
Chain Affiliated Property (CAP) Number Positions: 46-55 Length: 10 Format: alphanumeric	Description: The field must be numeric or space-filled. If it is numeric, it must pass the modulus-10 check digit routine.
Service Establishment City Positions: 56-73 Length: 18 Format: alphanumeric	Description: The first position may not be a space. For American Express, Merchant City must be present.
Reserved Positions: 74-153 Length: 80 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Internal Merchant Batch Key Positions: 154-166 Length: 13 Format: alphanumeric	Description: Identifies the merchant batch. The first nine digits are unique for each merchant batch. The last four digits contain the TCR (record) count within the merchant batch.

Data Capture Advice Edit Criteria

Record Type Positions: 167 Length: 1 Format: alphanumeric	Description: Type of record. The entry will be a 1 for Merchant Batch Header.
Reserved Positions: 168 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 57 - TCR 0 - Transaction Detail

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 0 - Transaction Detail.

CTF - Outgoing and Incoming Interchange

Data Capture 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
17-22	6	AN	Reserved
23-34	12	UN	Transaction Amount
35-37	3	AN	Transaction Currency Code
38	1	AN	Draft Sent Flag
39-42	4	UN	Central Processing Date (YDDD)
43-44	2	AN	Record Format Code
45	1	AN	Reversal Flag
46-48	3	AN	Reserved
49	1	AN	Reserved

Data Capture Advice Record Layout

Position	Field Length	Format	Contents
50-68	19	AN	Account Number
69-72	4	UN	Purchase Date (MMDD)
73-76	4	UN	Transaction Time (HHMM)
77	1	AN	Transaction Type
78	1	AN	Transaction Void Indicator
79	1	AN	Card Entry Method
80	1	AN	Cardholder ID Method
81-86	6	AN	Authorization Code
87	1	AN	Authorization Source Code
88-98	11	UN	Film Locator
99-110	12	AN	Tip/Cashback
111	1	AN	Mail/Telephone or Electronic Commerce Indicator
112	1	AN	Debit Indicator
113	1	AN	Research Code
114	1	AN	Network Identifier
115-118	4	UN	Settlement Date (MMDD)
119-124	6	AN	Debit Trace Audit Number
125	1	AN	POS Debit Reimbursement Attribute
126-129	4	UN	Debit Transmit Date
130-135	6	Un	Debit Transmit Time
136-147	12	AN	Retrieval Reference Number
148	1	AN	AVS Response Code
149-150	2	AN	Reserved
151	1	AN	Authorization Characteristics Indicator
152-153	2	AN	POS Entry Mode
154-166	13	AN	Internal Merchant Batch Key
167	1	AN	Record Type
168	1	AN	Reimbursement Attribute

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

Data Capture Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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 a BASE II transaction message is sent. The field must contain a valid acquiring identifier with a relationship with the data capture service provider.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message is sent. The field must contain the source identifier of the data capture service provider.
Reserved Positions: 17-22 Length: 6 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Transaction Amount Positions: 23-34 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. The field must be numeric and may be zero. This field will contain two implied decimal places. If the identifier is American Express, this field must contain an amount greater than zero.

Data Capture Advice Edit Criteria

Transaction Currency Code Positions: 35-37 Length: 3 Format: alphanumeric	Description: Code designating the type of currency used in the transaction. The field must be space-filled if the Transaction Amount is zero; otherwise, it must contain a valid Currency Code. See Country and Currency Codes in <i>BASE II Clearing Data Codes</i> for currency codes. If the identifier is American Express, this field must be 840 (U.S. Dollar).
Draft Sent Flag Positions: 38 Length: 1 Format: alphanumeric	Description: Indicates if a draft was sent. The field must contain an N (no draft submitted).
Central Processing Date Positions: 39-42 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). Same as BASE II Collection Date. Outgoing: The field must be numeric. Incoming: The field will contain a valid YDDD (year and Julian day) date.
Record Format Code Positions: 43-44 Length: 2 Format: alphanumeric	Description: Identifies the type of data in this record. The field must contain DC .
Reversal Flag Positions: 45 Length: 1 Format: alphanumeric	Description: Indicates if this is a reversal. The field must be space-filled or contain an R . Blank = Nonreversal (default) R = Reversal
Reserved Positions: 46-48 Length: 3 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Reserved Positions: 49 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Account Number Positions: 50-68 Length: 19 Format: alphanumeric	Description: An issuer-assigned number that identifies a cardholder's account. The field must not contain all spaces.

Data Capture Advice Edit Criteria

Purchase Date Positions: 69-72 Length: 4 Format: unpacked numeric	Description: Date the purchase transaction was made. The field must contain a valid date in the format MMDD .
Transaction Time Positions: 73-76 Length: 4 Format: unpacked numeric	Description: Authorization time in merchant's local time. The entry must be numeric and in the format HHMM , where: HH = 00 through 23 MM = 00 through 59
Transaction Type Positions: 77 Length: 1 Format: alphanumeric	Description: Indicates the data capture transaction type. The field must contain a 0, 3, 4, 5, 6, 7, or 8 . 0 = Direct Debit Cancel 3 = Direct Debit Purchase 4 = Direct Debit Return 5 = Purchase or Sale 6 = Return or Credit 7 = Cash Disbursement 8 = No Show for Lodging
Transaction Void Indicator Positions: 78 Length: 1 Format: alphanumeric	Description: Indicates if the transaction was voided (i.e., cancelled). The field must contain a space or V (voided).
Card Entry Method Positions: 79 Length: 1 Format: alphanumeric	Description: Indicates how data was entered or read: @ Data was key-entered. Terminal cannot read card electronically. D Track 2 read by magnetic stripe reader. H Track 1 read by magnetic stripe reader. T Track 2 key-entered at magnetic stripe reader. X Track 1 key-entered at magnetic stripe reader.
Cardholder ID Method Positions: 80 Length: 1 Format: alphanumeric	Description: Indicates type of ID method used to identify cardholder. The field must be space-filled or contain an entry from 1 through 4 : 1 Signature 2 PIN 3 Unattended terminal. No PIN pad. 4 Mail/telephone order.

Data Capture Advice Edit Criteria

Authorization Code Positions: 81-86 Length: 6 Format: alphanumeric	Description: A code that an issuer, its authorizing processor, or stand-in processing provides to indicate approval of a transaction. The code is returned in the authorization response and is usually recorded on the transaction receipt. The field must be space-filled or contain A through Z , or 0 through 9 .
Authorization Source Code Positions: 87 Length: 1 Format: alphanumeric	Description: Indicates the source of authorization response. Note: See <i>BASE II Clearing Data Codes</i> for a list of valid codes.
Film Locator Positions: 88-98 Length: 11 Format: unpacked numeric	Description: An 11-digit numeric used to identify film records. The field must be numeric and may contain zeros. This field may be used by the acquirer to build the Acquirer Reference Number in the draft transaction. See Draft Data in <i>BASE II Clearing Interchange Formats, TC 01 to TC 49</i> for Acquirer Reference Number edits.
Tip/Cashback Positions: 99-110 Length: 12 Format: alphanumeric	Description: Indicates if tips or cashback included. Must be space-filled or a valid value.
Mail/Telephone or Electronic Commerce Indicator Positions: 111 Length: 1 Format: alphanumeric	Description: Identifies if a transaction is one of the following: <ul style="list-style-type: none">• Mail order• Electronic Commerce• Phone order• Recurring• Installment Billing• Other Mail/Phone Order-type Must be space-filled or contain 1 through 8 . See <i>BASE II Clearing Data Codes</i> for Mail/Telephone or Electronic Commerce indicators. It may not be space-filled if the Merchant Category Code is 5960 , 5962 , or 5964 through 5969 .
Debit Indicator Positions: 112 Length: 1 Format: alphanumeric	Description: Indicates if this is a debit transaction. The field may contain a space or D (for direct debit transactions).
Research Code Positions: 113 Length: 1 Format: alphanumeric	Description: Indicates if the point of sale received the positive acknowledgment. Space = POS (point of sale) did receive the positive acknowledgment N = POS (point of sale) did not receive the positive acknowledgment

Data Capture Advice Edit Criteria

Network Identifier Positions: 114 Length: 1 Format: alphanumeric	Description: Identifies the financial network used. The entry may be a space or any printable character.
Settlement Date Positions: 115-118 Length: 4 Format: unpacked numeric	Description: Contains the month and day transaction settled. The date is in MMDD format, where: MM = month and DD = day.
Debit Trace Audit Number Positions: 119-124 Length: 6 Format: alphanumeric	Description: Unique number used to trace debit transaction. The entry must be alphanumeric.
POS Debit Reimbursement Attribute Positions: 125 Length: 1 Format: alphanumeric	Description: Reimbursement attribute for a POS debit transaction. The entry must be A through Z , 0 through 9 , or space.
Debit Transmit Date Positions: 126-129 Length: 4 Format: unpacked numeric	Description: Date the debit transaction was sent. The date format is MMDD .
Debit Transmit Time Positions: 130-135 Length: 6 Format: unpacked numeric	Description: Time the debit transaction was sent. The entry must be in the format HHMMSS , where: HH = 01 through 23 MM = 01 through 59 SS = 01 through 59
Retrieval Reference Number Positions: 136-147 Length: 12 Format: alphanumeric	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. Retrieval Reference Number 136-14712.
AVS Response Code Positions: 148 Length: 1 Format: alphanumeric	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.

Data Capture Advice Edit Criteria

Reserved Positions: 149-150 Length: 2 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
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 merchants must contain a valid value. See <i>BASE II Clearing Data Codes</i> for Authorization Characteristics Indicators.</p> <p>Original ATM cash disbursements and their reversals should contain one of these values:</p> <p>E = Card present with merchant name and location data</p> <p>N = Not a payment service transaction</p> <p>Dispute Financials and Dispute Response Financials Must be a valid value or a space. For valid combinations of the Requested Payment Service Indicator and the Authorization Characteristics Indicator, see <i>BASE II Clearing Data Codes</i>.</p>
POS Entry Mode Positions: 152-153 Length: 2 Format: alphanumeric	<p>Description: Indicates the method by which a point-of-transaction terminal obtains and transmits the cardholder information necessary to complete a transaction (for example, magnetic stripe read, bar code read, proximity payment, etc.).</p> <p>See <i>BASE II Clearing Data Codes</i> for POS Entry Mode codes.</p>
Internal Merchant Batch Key Positions: 154-166 Length: 13 Format: alphanumeric	<p>Description: Identifies the merchant batch. The first nine digits are unique for each merchant batch. The last four digits contain the TCR (record) count within the merchant batch.</p>
Record Type Positions: 167 Length: 1 Format: alphanumeric	<p>Description: Type of record. The entry will be a 2 for cardholder transaction detail.</p>
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	<p>Description: Obsolete - must be zero-filled.</p>

TC 57 - TCR 0 - American Express Transaction Detail, General Merchandise

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 0 - American Express Transaction Detail, General Merchandise (Format Code 02, 03, 10, or 20).

CTF - Outgoing and Incoming Interchange

Data Capture 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	Format Code
19-20	2	AN	Reserved
21-24	4	AN	Expiration Date (MMYY)
25-33	9	AN	Reserved
34-56	23	AN	Charge Description
57-66	10	AN	Record of Charge Number
67-72	6	UN	Tax Amount
73-75	3	UN	Item 1 Quantity
76-90	15	AN	Item 1 Descriptor
91-98	8	UN	Item 1 Unit Price
99-106	8	UN	Item 1 Total Price
107-109	3	UN	Item 2 Quantity
110-124	15	AN	Item 2 Descriptor
125-132	8	UN	Item 2 Unit Price
133-140	8	UN	Item 2 Total Price

Data Capture Advice Record Layout

Position	Field Length	Format	Contents
141-145	5	UN	Terminal Locator Number
146-149	4	UN	Transaction Sequence Number
150	1	UN	Last Digit of Batch Number
151-153	3	AN	Reserved
154-166	13	AN	Internal Merchant Batch Key
167	1	AN	Record Type
168	1	AN	Reserved

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

Data Capture Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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 . The record must follow a TCR 0.
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Format Code Positions: 17-18 Length: 2 Format: alphanumeric	Description: Indicates the type of transaction. The field must contain 02, 03, 10, or 20 , all of which indicate General Merchandise.

Data Capture Advice Edit Criteria

Reserved Positions: 19-20 Length: 2 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Expiration Date Positions: 21-24 Length: 4 Format: alphanumeric	Description: Expiration date of card. The format for the field is MMYY . This field may contain zeros.
Reserved Positions: 25-33 Length: 9 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Charge Description Positions: 34-56 Length: 23 Format: alphanumeric	Description: Description of the charge. The field cannot be space-filled.
Record of Charge Number Positions: 57-66 Length: 10 Format: alphanumeric	Description: The field must be space-filled or contain a numeric. If it contains a numeric, it must be right-justified.
Tax Amount Positions: 67-72 Length: 6 Format: unpacked numeric	Description: Amount of tax. The field must be numeric and may contain zeros. The field contains two implied decimal places.
Item 1 Quantity Positions: 73-75 Length: 3 Format: unpacked numeric	Description: Quantity of Item 1. The field must be numeric. If the value is greater than zero, the Item 1 Descriptor cannot be space-filled and the Item 1 Unit Price and Item 1 Total Price must be greater than zero.
Item 1 Descriptor Positions: 76-90 Length: 15 Format: alphanumeric	Description: Description of Item 1. If the Item 1 Quantity is greater than zero, this field cannot be space-filled.

Data Capture Advice Edit Criteria

Item 1 Unit Price Positions: 91-98 Length: 8 Format: unpacked numeric	Description: Price of Item 1 per unit. The field must be numeric. If the Item 1 Quantity is greater than zero, this value must be greater than zero. The field contains two implied decimal places.
Item 1 Total Price Positions: 99-106 Length: 8 Format: unpacked numeric	Description: Total price of Item 1 units. The field must be numeric. If the Item 1 Quantity is greater than zero, this value must be greater than zero. The field contains two implied decimal places.
Item 2 Quantity Positions: 107-109 Length: 3 Format: unpacked numeric	Description: Quantity of Item 2. The field must be numeric. If this value is greater than zero, the Item 2 Descriptor cannot be space-filled and the Item 2 Unit Price and Item 2 Total Price must be greater than zero.
Item 2 Descriptor Positions: 110-124 Length: 15 Format: alphanumeric	Description: Description of Item 2. If the Item 2 Quantity is greater than zero, this field cannot be space-filled.
Item 2 Unit Price Positions: 125-132 Length: 8 Format: unpacked numeric	Description: Price of Item 2 per unit. The field must be numeric. If the Item 2 Quantity is greater than zero, this value must be greater than zero. The field contains two implied decimal places.
Item 2 Total Price Positions: 133-140 Length: 8 Format: unpacked numeric	Description: Total price of Item 2 units. The field must be numeric. If the Item 2 Quantity is greater than zero, this value must be greater than zero. It should equal the Item 2 Quantity multiplied by the Item 2 Unit Price.
Terminal Locator Number Positions: 141-145 Length: 5 Format: unpacked numeric	Description: Number indicating terminal location.
Transaction Sequence Number Positions: 146-149 Length: 4 Format: unpacked numeric	Description: Number indicating sequence of transaction in batch.

Data Capture Advice Edit Criteria

Last Digit of Batch Number Positions: 150 Length: 1 Format: unpacked numeric	Description: Last digit of the batch number.
Reserved Positions: 151-153 Length: 3 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Internal Merchant Batch Key Positions: 154-166 Length: 13 Format: alphanumeric	Description: Identifies the merchant batch. The first nine digits are unique for each merchant batch. The last four digits contain the TCR (record) count within the merchant batch.
Record Type Positions: 167 Length: 1 Format: alphanumeric	Description: Type of record. The entry will be a 2 for cardholder transaction detail.
Reserved Positions: 168 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 57 - TCR 2 - American Express Transaction Detail, General Merchandise

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 2 - American Express Transaction Detail, General Merchandise (Format Code 02, 03, 10, or 20).

CTF - Outgoing and Incoming Interchange

Data Capture 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	Format Code
19-21	3	UN	Item 3 Quantity
22-36	15	AN	Item 3 Descriptor
37-44	8	UN	Item 3 Unit Price
45-52	8	UN	Item 3 Total Price
53-55	3	UN	Item 4 Quantity
56-70	15	AN	Item 4 Descriptor
71-78	8	UN	Item 4 Unit Price
79-86	8	UN	Item 4 Total Price
87-153	67	AN	Reserved
154-166	13	AN	Internal Merchant Batch Key
167	1	AN	Record Type
168	1	AN	Reserved

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

Data Capture Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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.

Data Capture Advice Edit Criteria

Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 2 . The record must follow a TCR 1.
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Format Code Positions: 17-18 Length: 2 Format: alphanumeric	Description: Indicates the type of transaction. The field must contain 02, 03, 10, or 20 , all of which indicate General Merchandise.
Item 3 Quantity Positions: 19-21 Length: 3 Format: unpacked numeric	Description: Quantity of Item 3. The field must be numeric. If this value is greater than zero, the Item 3 Descriptor cannot be space-filled and the Item 3 Unit Price and Item 3 Total Price must be greater than zero.
Item 3 Descriptor Positions: 22-36 Length: 15 Format: alphanumeric	Description: Description of Item 3. If the Item 3 Quantity is greater than zero, this field cannot be space-filled.
Item 3 Unit Price Positions: 37-44 Length: 8 Format: unpacked numeric	Description: Price of Item 3 per unit. The field must be numeric. If the Item 3 Quantity is greater than zero, this value must be greater than zero. This field contains two implied decimal places.
Item 3 Total Price Positions: 45-52 Length: 8 Format: unpacked numeric	Description: Total price of Item 3 units. The field must be numeric. If the Item 3 Quantity is greater than zero, this value must be greater than zero. This field contains two implied decimal places.
Item 4 Quantity Positions: 53-55 Length: 3 Format: unpacked numeric	Description: Quantity of Item 4. The field must be numeric. If the value is greater than zero, the Item 4 Descriptor cannot be space-filled and the Item 4 Unit Price and Item 4 Total Price must be greater than zero.

Data Capture Advice Edit Criteria

Item 4 Descriptor Positions: 56-70 Length: 15 Format: alphanumeric	Description: Description of Item 4. If the Quantity is greater than zero, this field cannot be space-filled.
Item 4 Unit Price Positions: 71-78 Length: 8 Format: unpacked numeric	Description: Price of Item 4 per unit. The field must be numeric. If the Item 4 Quantity is greater than zero, this value must be greater than zero. This field contains two implied decimal places.
Item 4 Total Price Positions: 79-86 Length: 8 Format: unpacked numeric	Description: Total price of Item 4 units. The field must be numeric. If the Item 4 Quantity is greater than zero, this value must be greater than zero. The field contains two implied decimal places
Reserved Positions: 87-153 Length: 67 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Internal Merchant Batch Key Positions: 154-166 Length: 13 Format: alphanumeric	Description: Identifies the merchant batch. The first nine digits are unique for each merchant batch. The last four digits contain the TCR (record) count within the merchant batch.
Record Type Positions: 167 Length: 1 Format: alphanumeric	Description: Type of record. The entry will be a 2 for cardholder transaction detail.
Reserved Positions: 168 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 57 - TCR 0 - American Express Transaction Detail, Automobile Rental

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 0 - American Express Transaction Detail, Automobile Rental (Format Code 05).

CTF - Outgoing and Incoming Interchange

Data Capture 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	Format Code
19-20	2	AN	Approval Code
21-24	4	UN	Expiration Date (MMYY)
25-33	9	AN	Rental Agreement Number
34-41	8	UN	Audit Adjustment
42	1	AN	Audit Adjustment Indicator
43-50	8	AN	Auto Reference Number
51-68	18	AN	Rental City
69-70	2	AN	Rental State
71-76	6	UN	Rental Date (YYMMDD)
77-80	4	UN	Rental Time (HHMM)
81-98	18	AN	Return City
99-100	2	AN	Return State
101-106	6	UN	Return Date (YYMMDD)
107-110	4	UN	Return Time (HHMM)
111-130	20	AN	Renter Name
131-153	23	AN	Reserved

Data Capture Advice Record Layout

Position	Field Length	Format	Contents
154-166	13	AN	Internal Merchant Batch Key
167	1	AN	Record Type
168	1	AN	Reserved

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

Data Capture Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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 . The record must follow a TCR 0.
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Format Code Positions: 17-18 Length: 2 Format: alphanumeric	Description: Indicates the type of transaction. The field must contain 05 .
Approval Code Positions: 19-20 Length: 2 Format: alphanumeric	Description: 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 field must be space-filled if the Transaction Type on the TCR 0 is 6 .

Data Capture Advice Edit Criteria

Expiration Date Positions: 21-24 Length: 4 Format: unpacked numeric	Description: Expiration date of card. The format for this field is MMYY . This field may contain zeros.
Rental Agreement Number Positions: 25-33 Length: 9 Format: alphanumeric	Description: The number on the car rental "contract". The field cannot be space-filled.
Audit Adjustment Positions: 34-41 Length: 8 Format: unpacked numeric	Description: The field must be numeric and may contain zeros. This field contains two implied decimal places.
Audit Adjustment Indicator Positions: 42 Length: 1 Format: alphanumeric	Description: The field must contain an A if Audit Adjustment is greater than zero. Otherwise, it must be space-filled.
Auto Reference Number Positions: 43-50 Length: 8 Format: alphanumeric	Description: Contract reference number from rental company. The field cannot be space-filled or contain all zeros.
Rental City Positions: 51-68 Length: 18 Format: alphanumeric	Description: Name of city where actual car rental occurred. The field cannot be space-filled.
Rental State Positions: 69-70 Length: 2 Format: alphanumeric	Description: Name of state where actual car rental occurred. The field must contain a valid U.S. state code.
Rental Date Positions: 71-76 Length: 6 Format: unpacked numeric	Description: The date when the actual car rental occurred. Note: The format is YYMMDD .

Data Capture Advice Edit Criteria

Rental Time Positions: 77-80 Length: 4 Format: unpacked numeric	Description: The time when the actual car rental occurred. The format is HHMM , where: HH = 00 through 23 MM = 00 through 59
Return City Positions: 81-98 Length: 18 Format: alphanumeric	Description: The name of the city to which the rental car was returned. The field cannot be space-filled.
Return State Positions: 99-100 Length: 2 Format: alphanumeric	Description: The name of the state to which the rental car was returned. The field must contain a valid U.S. State Code.
Return Date Positions: 101-106 Length: 6 Format: unpacked numeric	Description: The actual date the rental car was returned. The format is YYMMDD .
Return Time Positions: 107-110 Length: 4 Format: unpacked numeric	Description: The actual time the rental car was returned. The format is HHMM , where: HH = 00 through 23 MM = 00 through 59
Renter Name Positions: 111-130 Length: 20 Format: alphanumeric	Description: The name of the person(s) who signed the rental agreement. The field cannot be space-filled.
Reserved Positions: 131-153 Length: 23 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Internal Merchant Batch Key Positions: 154-166 Length: 13 Format: alphanumeric	Description: Identifies the merchant batch. The first nine digits are unique for each merchant batch. The last four digits contain the TCR (record) count within the merchant batch.

Data Capture Advice Edit Criteria

Record Type Positions: 167 Length: 1 Format: alphanumeric	Description: Type of record. The entry will be a 2 for cardholder transaction detail.
Reserved Positions: 168 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 57 - TCR 0 - American Express Transaction Detail, Lodging

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 0 - American Express Transaction Detail, Lodging (Format Code 11).

CTF - Outgoing and Incoming Interchange

Data Capture 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	Format Code
19-20	2	AN	Approval Code
21-24	4	UN	Expiration Date (MMYY)
25-33	9	AN	Reserved
34-56	23	AN	Charge Description
57-66	10	AN	Record of Charge (ROC) Number
67-72	6	UN	Tax Amount
73	1	AN	Charge Type
74-79	6	UN	Arrival Date (MMDDYY)

Data Capture Advice Record Layout

Position	Field Length	Format	Contents
80-85	6	UN	Departure Date (MMDDYY)
86-87	2	UN	Duration of Stay
88	1	AN	Special Program
89-93	5	UN	Room Rate
94-98	5	UN	Terminal Locator Number
99-102	4	UN	Transaction Sequence Number
103	1	UN	Last Digit of Batch Number
104-153	50	AN	Reserved
154-166	13	AN	Internal Merchant Batch Key
167	1	AN	Record Type
168	1	AN	Reserved

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

Data Capture Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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 . The record must follow a TCR 0.
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Data Capture Advice Edit Criteria

Format Code Positions: 17-18 Length: 2 Format: alphanumeric	Description: Indicates the type of transaction. The field must contain 11 .
Approval Code Positions: 19-20 Length: 2 Format: alphanumeric	Description: Contains the authorization code provided by the issuer when a transaction is approved or a "no reason to decline" code provided for successful verifications. Approval Code must be blank if Transaction Type is 6 (return or credit).
Expiration Date Positions: 21-24 Length: 4 Format: unpacked numeric	Description: Expiration date of card. The format for the field is MMYY . This field may contain zeros.
Reserved Positions: 25-33 Length: 9 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Charge Description Positions: 34-56 Length: 23 Format: alphanumeric	Description: Brief description of the charge. The field cannot be space-filled.
Record of Charge (ROC) Number Positions: 57-66 Length: 10 Format: alphanumeric	Description: Record of the charge number. The field must be space-filled or contain a numeric. If it contains a numeric, the value must be right-justified.
Tax Amount Positions: 67-72 Length: 6 Format: unpacked numeric	Description: Tax amount. The field may contain zeros. The field contains two implied decimal places.
Charge Type Positions: 73 Length: 1 Format: alphanumeric	Description: Type of lodging charge. The field must contain a 1, 2, or 3 . If the field equals 1 , the Room Rate, Arrival Date, Departure Date, and Duration of Stay fields must all be greater than zero and the Special Program field must be a space, 2, 3, 4, 5, or 6 . If this field equals 2 or 3 , the Special Program field must be 1 .

Data Capture Advice Edit Criteria

Arrival Date Positions: 74-79 Length: 6 Format: unpacked numeric	Description: The date the guest checks into the hotel/lodging or, in the case of a no-shower, an advance lodging, the scheduled arrival date. If the Charge Type equals 1 , this field must contain a valid MMDDYY and cannot be greater than the Departure Date. Otherwise, the field must contain zeros.
Departure Date Positions: 80-85 Length: 6 Format: unpacked numeric	Description: The date the guest checks out of the room. If the Charge Type equals 1 , this field must contain a valid MMDDYY and must be greater than or equal to the Arrival Date. Otherwise, the field must contain zeros.
Duration of Stay Positions: 86-87 Length: 2 Format: unpacked numeric	Description: Length of the stay in days. If the Charge Type equals 1 , this value should equal the number of days between the arrival and departure dates. If those dates are the same, this field should be a 1 . Otherwise, it must contain zeros.
Special Program Positions: 88 Length: 1 Format: alphanumeric	Description: If the Charge Type is 1 , the field must be a space or contain a 2, 3, 4, 5, or 6 . If the Charge Type is 2 or 3 , the field must contain a 1 .
Room Rate Positions: 89-93 Length: 5 Format: unpacked numeric	Description: The daily rate for lodging (excluding extra fees such as MiniBar, or room service). If the Charge Type is 1 , the value must be greater than zero. Otherwise, it must be zeros. The field contains two implied decimal places.
Terminal Locator Number Positions: 94-98 Length: 5 Format: unpacked numeric	Description: Number indicating terminal location.
Transaction Sequence Number Positions: 99-102 Length: 4 Format: unpacked numeric	Description: Number indicating sequence of transaction in batch.
Last Digit of Batch Number Positions: 103 Length: 1 Format: unpacked numeric	Description: Last digit of the batch number.

Data Capture Advice Edit Criteria

Reserved Positions: 104-153 Length: 50 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Internal Merchant Batch Key Positions: 154-166 Length: 13 Format: alphanumeric	Description: Identifies the merchant batch. The first nine digits are unique for each merchant batch. The last four digits contain the TCR (record) count within the merchant batch.
Record Type Positions: 167 Length: 1 Format: alphanumeric	Description: Type of record. The entry will be a 2 for cardholder transaction detail.
Reserved Positions: 168 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 57 - TCR 1 - American Express Transaction Detail, Restaurant

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 1 - American Express Transaction Detail, Restaurant (Format Code 12).

CTF - Outgoing and Incoming Interchange

Data Capture 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	Format Code
19-20	2	AN	Approval Code

Data Capture Advice Record Layout

Position	Field Length	Format	Contents
21-24	4	AN	Expiration Date (MMYY)
25-33	9	AN	Reserved
34-56	23	AN	Charge Description
57-66	10	AN	Record of Charge (ROC) Number
67-72	6	UN	Tax Amount
73-80	8	AN	Food ID
81-88	8	UN	Food Amount
89-96	8	AN	Beverage ID
97-104	8	UN	Beverage Amount
105-112	8	AN	Tip Recipient Literal 1
113-120	8	UN	Tip Amount 1
121-128	8	AN	Tip Recipient Literal 2
129-136	8	UN	Tip Amount 2
137-141	5	UN	Terminal Locator Number
142-145	4	UN	Transaction Sequence Number
146	1	UN	Last Digit of Batch Number
147-153	7	AN	Reserved
154-166	13	AN	Internal Merchant Batch Key
167	1	AN	Record Type
168	1	AN	Reserved

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

Data Capture Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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 . The record must follow a TCR 0.
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Format Code Positions: 17-18 Length: 2 Format: alphanumeric	Description: Indicates the type of transaction. The field must contain 12 .
Approval Code Positions: 19-20 Length: 2 Format: alphanumeric	Description: Contains the authorization code provided by the issuer when a transaction is approved or a "no reason to decline" code provided for successful verifications. Approval Code must be blank if Transaction Type is 6 (return or credit).
Expiration Date Positions: 21-24 Length: 4 Format: unpacked numeric	Description: Expiration date of card. The format for the field is MMYY . This field may contain zeros.
Reserved Positions: 25-33 Length: 9 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Data Capture Advice Edit Criteria

Charge Description Positions: 34-56 Length: 23 Format: alphanumeric	Description: Brief description of the charge. The field cannot be space-filled.
Record of Charge (ROC) Number Positions: 57-66 Length: 10 Format: alphanumeric	Description: Record of the charge number. The field must be space-filled or contain a numeric. If it contains a numeric, the value must be right-justified.
Tax Amount Positions: 67-72 Length: 6 Format: unpacked numeric	Description: Tax amount. The field may contain zeros. The field contains two implied decimal places.
Food ID Positions: 73-80 Length: 8 Format: alphanumeric	Description: The field must contain FOOD , FOOD/BEV , or B-MY-GST .
Food Amount Positions: 81-88 Length: 8 Format: unpacked numeric	Description: Amount of the food purchase. The field must be numeric. The field contains two implied decimal places.
Beverage ID Positions: 89-96 Length: 8 Format: alphanumeric	Description: The field must contain BEVERAGE if the Beverage Amount field is greater than zero. It must be space-filled if the Beverage Amount is equal to zero.
Beverage Amount Positions: 97-104 Length: 8 Format: unpacked numeric	Description: Indicates the amount spent on beverages. The field must be numeric. The field contains two implied decimal places.
Tip Recipient Literal 1 Positions: 105-112 Length: 8 Format: alphanumeric	Description: Recipient of Tip Amount 1. If Tip Amount 1 is greater than zero, this field must contain a constant value such as WAITER or a terminal-provided server number. It must be space-filled if the Tip Amount is zero.

Data Capture Advice Edit Criteria

Tip Amount 1 Positions: 113-120 Length: 8 Format: unpacked numeric	Description: Amount of tip. The field must be numeric. The field contains two implied decimal places.
Tip Recipient Literal 2 Positions: 121-128 Length: 8 Format: alphanumeric	Description: Recipient of Tip Amount 2. If Tip Amount 2 is greater than zero, this field must contain a constant value such as MAITRE D or a terminal-provided server number. It must be space-filled if the Tip Amount 2 is zero.
Tip Amount 2 Positions: 129-136 Length: 8 Format: unpacked numeric	Description: Amount of tip. The field must be numeric. The field contains two implied decimal places.
Terminal Locator Number Positions: 137-141 Length: 5 Format: unpacked numeric	Description: Number indicating terminal location.
Transaction Sequence Number Positions: 142-145 Length: 4 Format: unpacked numeric	Description: Number indicating sequence of transaction in batch.
Last Digit of Batch Number Positions: 146 Length: 1 Format: unpacked numeric	Description: Last digit of the batch number.
Reserved Positions: 147-153 Length: 7 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Internal Merchant Batch Key Positions: 154-166 Length: 13 Format: alphanumeric	Description: Identifies the merchant batch. The first nine digits are unique for each merchant batch. The last four digits contain the TCR (record) count within the merchant batch.

Data Capture Advice Edit Criteria

Record Type Positions: 167 Length: 1 Format: alphanumeric	Description: Type of record. The entry will be a 2 for cardholder transaction detail.
Reserved Positions: 168 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 57 - TCR 1 - American Express Transaction Detail, Insurance Part 1

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 1 - American Express Transaction Detail, Insurance Part 1 (Format Code 04).

CTF - Outgoing and Incoming Interchange

Data Capture 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	Reserved
11-16	6	UN	Source Identifier
17-18	2	AN	Format Code
19-20	2	AN	Approval Code
21-24	4	UN	Expiration Date (MMYY)
25-34	10	AN	Policy Number
35-40	6	UN	Tax Amount
41-80	40	AN	Type of Policy
81-120	40	AN	Coverage Dates
121-153	33	AN	Reserved

Data Capture Advice Record Layout

Position	Field Length	Format	Contents
154-166	13	AN	Internal Merchant Batch Key
167	1	AN	Record Type
168	1	AN	Reserved

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

Data Capture Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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 . The record must follow a TCR 0.
Reserved Positions: 5-10 Length: 6 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which this transaction message is sent. The Source identifier is inserted by the VIC.
Format Code Positions: 17-18 Length: 2 Format: alphanumeric	Description: Indicates the type of transaction. The field must contain 04 .

Data Capture Advice Edit Criteria

Approval Code Positions: 19-20 Length: 2 Format: alphanumeric	Description: Contains the authorization code provided by the issuer when a transaction is approved or a "no reason to decline" code provided for successful verifications. Approval Code must be blank if Transaction Type is 6 (return or credit).
Expiration Date Positions: 21-24 Length: 4 Format: unpacked numeric	Description: Expiration date of card. The format for the field is MMYY . This field may contain zeros.
Policy Number Positions: 25-34 Length: 10 Format: alphanumeric	Description: ID Number of the insurance policy. The field cannot be space-filled. For policy numbers greater than 10 positions, the remaining digits are placed in the Miscellaneous Description 1 field of the Insurance Part 2 record.
Tax Amount Positions: 35-40 Length: 6 Format: unpacked numeric	Description: Tax amount. The field must be numeric and may contain zeros. The field contains two implied decimal places
Type of Policy Positions: 41-80 Length: 40 Format: alphanumeric	Description: Brief description of policy type.
Coverage Dates Positions: 81-120 Length: 40 Format: alphanumeric	Description: Time period the policy covers.
Reserved Positions: 121-153 Length: 33 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Internal Merchant Batch Key Positions: 154-166 Length: 13 Format: alphanumeric	Description: Identifies the merchant batch. The first nine digits are unique for each merchant batch. The last four digits contain the TCR (record) count within the merchant batch.

Data Capture Advice Edit Criteria

Record Type Positions: 167 Length: 1 Format: alphanumeric	Description: Type of record. The entry will be a 2 for cardholder transaction detail.
Reserved Positions: 168 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 57 - TCR 2 - American Express Transaction Detail, Insurance Part 2

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 2 - American Express Transaction Detail, Insurance Part 2 (Format Code 04).

CTF - Outgoing and Incoming Interchange

Data Capture 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	Format Code
19-58	40	AN	Miscellaneous Description 1
59-98	40	AN	Miscellaneous Description 2
99-153	55	AN	Reserved
154-166	13	AN	Internal Merchant Batch Key
167	1	AN	Record Type
168	1	AN	Reserved

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

Data Capture Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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 . The record must follow a TCR 1.
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Format Code Positions: 17-18 Length: 2 Format: alphanumeric	Description: Indicates the type of transaction. The field must contain 04 .
Miscellaneous Description 1 Positions: 19-58 Length: 40 Format: alphanumeric	Description: Details of the insurance policy/coverage.
Miscellaneous Description 2 Positions: 59-98 Length: 40 Format: alphanumeric	Description: Additional details of the insurance policy/coverage.
Reserved Positions: 99-153 Length: 55 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Data Capture Advice Edit Criteria

Internal Merchant Batch Key Positions: 154-166 Length: 13 Format: alphanumeric	Description: Identifies the merchant batch. The first nine digits are unique for each merchant batch. The last four digits contain the TCR (record) count within the merchant batch.
Record Type Positions: 167 Length: 1 Format: alphanumeric	Description: Type of record. The entry will be a 2 for cardholder transaction detail.
Reserved Positions: 168 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 57 - TCR 1 - American Express Transaction Detail, Automobile Leasing

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 1 - American Express Transaction Detail, Automobile Leasing (Format Code 07).

Data Capture 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	Format Code
19-20	2	AN	Approval Code
21-24	4	AN	Expiration Date (MMYY)
25-33	9	AN	Leasing Agreement Number
34-41	8	UN	Total Lease Charge

Data Capture Advice Record Layout

Position	Field Length	Format	Contents
42	1	AN	Audit Indicator
43-50	8	AN	Auto Reference Number
51-52	2	UN	Current Monthly Payment Number
53-54	2	UN	Total Number of Payment Months
55-72	18	AN	Lease City
73-74	2	AN	Lease State
75-80	6	UN	Lease Date (YYMMDD)
81-84	4	UN	Lease Time (HHMM)
85-102	18	AN	Return City
103-104	2	AN	Return State
105-110	6	UN	Return Date (YYMMDD)
111-114	4	UN	Return Time (HHMM)
115-134	20	AN	Lessee Name
135-153	19	AN	Reserved
154-166	13	AN	Internal Merchant Batch Key
167	1	AN	Record Type
168	1	AN	Reserved

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

Data Capture Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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.

Data Capture Advice Edit Criteria

Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 1 . The record must follow a TCR 0.
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Format Code Positions: 17-18 Length: 2 Format: alphanumeric	Description: Indicates the type of transaction. The field must contain 07 .
Approval Code Positions: 19-20 Length: 2 Format: alphanumeric	Description: 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 field must be space-filled if the Transaction Type on the TCR 0 is 6 .
Expiration Date Positions: 21-24 Length: 4 Format: alphanumeric	Description: Expiration date of card. The format for the field is MMYY . This field may contain zeros.
Leasing Agreement Number Positions: 25-33 Length: 9 Format: alphanumeric	Description: The ID number on the automobile leasing agreement. The field cannot be space-filled.
Total Lease Charge Positions: 34-41 Length: 8 Format: unpacked numeric	Description: The total of all fees listed on the lease. The field must contain a value greater than zero. This field contains two implied decimal places.
Audit Indicator Positions: 42 Length: 1 Format: alphanumeric	Description: The field must be space-filled or contain an A .

Data Capture Advice Edit Criteria

Auto Reference Number Positions: 43-50 Length: 8 Format: alphanumeric	Description: Contract reference number from rental company. The field must be numeric, right-justified and greater than zero.
Current Monthly Payment Number Positions: 51-52 Length: 2 Format: unpacked numeric	Description: Current payment number in the lease (for example, in a 24 month lease, this might be payment 2). The field must be numeric.
Total Number of Payment Months Positions: 53-54 Length: 2 Format: unpacked numeric	Description: Total number of payment months in the lease (for example, a two year lease would have 24 months). The field must be numeric.
Lease City Positions: 55-72 Length: 18 Format: alphanumeric	Description: The name of the city where the car was leased. The field cannot be space-filled.
Lease State Positions: 73-74 Length: 2 Format: alphanumeric	Description: The name of the state where the car was leased. The field must contain a valid U.S. state code.
Lease Date Positions: 75-80 Length: 6 Format: unpacked numeric	Description: The date that the car was leased. The format is YYMMDD .
Lease Time Positions: 81-84 Length: 4 Format: unpacked numeric	Description: The duration of the lease. The format is HHMM , where: HH = 00 through 23 MM = 00 through 59
Return City Positions: 85-102 Length: 18 Format: alphanumeric	Description: The name of the city where the car was returned to the leasing agency. The field cannot be space-filled.

Data Capture Advice Edit Criteria

Return State Positions: 103-104 Length: 2 Format: alphanumeric	Description: The name of the state where the car was returned to the leasing agency. The field must contain a valid U.S. state code.
Return Date Positions: 105-110 Length: 6 Format: unpacked numeric	Description: The date indicating the end of the lease. The format is YYMMDD .
Return Time Positions: 111-114 Length: 4 Format: unpacked numeric	Description: The time indicating the end of the lease. The format is HHMM , where: HH = 00 through 23 MM = 00 through 59
Lessee Name Positions: 115-134 Length: 20 Format: alphanumeric	Description: The name of the person who holds the lease. The field cannot be space-filled.
Reserved Positions: 135-153 Length: 19 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Internal Merchant Batch Key Positions: 154-166 Length: 13 Format: alphanumeric	Description: Identifies the merchant batch. The first nine digits are unique for each merchant batch. The last four digits contain the TCR (record) count within the merchant batch.
Record Type Positions: 167 Length: 1 Format: alphanumeric	Description: Type of record. The entry will be a 2 for cardholder transaction detail.
Reserved Positions: 168 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 57 - TCR 2 - American Express Transaction Detail, Automobile Leasing (Optional)

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 2 - American Express Transaction Detail, Automobile Leasing (Optional) (Format Code 07).

CTF - Outgoing and Incoming Interchange

Data Capture 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	Format Code
19-38	20	AN	Car Description
39-53	15	AN	Car ID Number
54-153	100	AN	Reserved
154-166	13	AN	Internal Merchant Batch Key
167	1	AN	Record Type
168	1	AN	Reserved

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

Data Capture Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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 . The record must follow a TCR 1.
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Format Code Positions: 17-18 Length: 2 Format: alphanumeric	Description: Indicates the type of transaction. The field must contain 07 .
Car Description Positions: 19-38 Length: 20 Format: alphanumeric	Description: Indicates model, year, and make of the car.
Car ID Number Positions: 39-53 Length: 15 Format: alphanumeric	Description: The vehicle identification number.
Reserved Positions: 54-153 Length: 100 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Data Capture Advice Edit Criteria

Internal Merchant Batch Key Positions: 154-166 Length: 13 Format: alphanumeric	Description: Identifies the merchant batch. The first nine digits are unique for each merchant batch. The last four digits contain the TCR (record) count within the merchant batch.
Record Type Positions: 167 Length: 1 Format: alphanumeric	Description: Type of record. The entry will be a 2 for cardholder transaction detail.
Reserved Positions: 168 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 57 - TCR 1 - American Express Transaction Detail, Telephone Part 1

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 1 - American Express Transaction Detail, Telephone Part 1 (Format Code 13).

CTF - Outgoing and Incoming Interchange

Data Capture 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	Format Code
19-20	2	AN	Approval Code
21-24	4	UN	Expiration Date (MMYY)
25-34	10	AN	Record of Charge (ROC) Number
35-38	4	UN	Time of Call (HHMM)

Data Capture Advice Record Layout

Position	Field Length	Format	Contents
39-42	4	UN	Duration of Call (HHMM)
43-50	8	AN	Reference CDAR Number
51-68	18	AN	Call From City
69-70	2	AN	Call From State
71-88	18	AN	Call To City
89-90	2	AN	Call To State
91-100	10	AN	From Telephone Number
101-110	10	AN	To Telephone Number
111	1	AN	Rate Class
112-153	42	AN	Reserved
154-166	13	AN	Internal Merchant Batch Key
167	1	AN	Record Type
168	1	AN	Reserved

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

Data Capture Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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 . The record must follow a TCR 0.

Data Capture Advice Edit Criteria

Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Format Code Positions: 17-18 Length: 2 Format: alphanumeric	Description: Indicates the type of transaction. The field must contain 13 .
Approval Code Positions: 19-20 Length: 2 Format: alphanumeric	Description: 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 field must be space-filled if the Transaction Type on the TCR 0 is 6 .
Expiration Date Positions: 21-24 Length: 4 Format: unpacked numeric	Description: Expiration date of card. The format for the field is MMYY . This field may contain zeros
Record of Charge (ROC) Number Positions: 25-34 Length: 10 Format: alphanumeric	Description: Record of charge number. The field must be space-filled or numeric. If it is numeric, the value must be right-justified.
Time of Call Positions: 35-38 Length: 4 Format: unpacked numeric	Description: Time the telephone call occurred. The format is HHMM (hours and minutes), where: HH = 00 through 23 MM = 00 through 59
Duration of Call Positions: 39-42 Length: 4 Format: unpacked numeric	Description: The length of time of the telephone call. The format is HHMM (hours and minutes), where: HH = 00 through 23 MM = 00 through 59
Reference CDAR Number Positions: 43-50 Length: 8 Format: alphanumeric	Description: Unique CDAR reference number.

Data Capture Advice Edit Criteria

Call From City Positions: 51-68 Length: 18 Format: alphanumeric	Description: The city from which the telephone call was made. The first position of this field cannot be a space.
Call From State Positions: 69-70 Length: 2 Format: alphanumeric	Description: The state from which the telephone call was made. The field must contain a valid U.S. State Code.
Call To City Positions: 71-88 Length: 18 Format: alphanumeric	Description: The city to which the telephone call was made. The first position of this field cannot be a space.
Call To State Positions: 89-90 Length: 2 Format: alphanumeric	Description: The state to which the telephone call was made. The field must contain a valid U.S. State Code.
From Telephone Number Positions: 91-100 Length: 10 Format: alphanumeric	Description: The telephone number from which the telephone call was made.
To Telephone Number Positions: 101-110 Length: 10 Format: alphanumeric	Description: The telephone number to which the telephone call was made.
Rate Class Positions: 111 Length: 1 Format: alphanumeric	Description: Identifies the rate class used.
Reserved Positions: 112-153 Length: 42 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Data Capture Advice Edit Criteria

Internal Merchant Batch Key Positions: 154-166 Length: 13 Format: alphanumeric	Description: Identifies the merchant batch. The first nine digits are unique for each merchant batch. The last four digits contain the TCR (record)count within the merchant batch.
Record Type Positions: 167 Length: 1 Format: alphanumeric	Description: Type of record. The entry will be a 2 for cardholder transaction detail.
Reserved Positions: 168 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 57 - TCR 2 - American Express Transaction Detail, Telephone Part 2

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 2 - American Express Transaction Detail, Telephone Part 2 (Format Code 13).

CTF - Outgoing and Incoming Interchange

Data Capture 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	Format Code
19-30	12	AN	Telephone Number 1
31-38	8	AN	Time 1
39-45	7	AN	Cost 1
46-57	12	AN	Telephone Number 2

Data Capture Advice Record Layout

Position	Field Length	Format	Contents
58-65	8	AN	Time 2
66-72	7	AN	Cost 2
73-153	81	AN	Reserved
154-166	13	AN	Internal Merchant Batch Key
167	1	AN	Record Type
168	1	AN	Reserved

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

Data Capture Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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 . The record must follow a TCR 1.
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Format Code Positions: 17-18 Length: 2 Format: alphanumeric	Description: Indicates the type of transaction. The field must contain 13 .

Data Capture Advice Edit Criteria

Telephone Number 1 Positions: 19-30 Length: 12 Format: alphanumeric	Description: Telephone number. The format is xxx-xxx-xxxx . The field cannot be space-filled.
Time 1 Positions: 31-38 Length: 8 Format: alphanumeric	Description: Time of telephone call.
Cost 1 Positions: 39-45 Length: 7 Format: alphanumeric	Description: Cost of telephone call. This field will contain two implied decimal places.
Telephone Number 2 Positions: 46-57 Length: 12 Format: alphanumeric	Description: If a second call was made, the number format is xxx-xxx-xxxx . Otherwise, the field must be space-filled.
Time 2 Positions: 58-65 Length: 8 Format: alphanumeric	Description: Time of telephone call.
Cost 2 Positions: 66-72 Length: 7 Format: alphanumeric	Description: Cost of telephone call. This field will contain two implied decimal places.
Reserved Positions: 73-153 Length: 81 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Internal Merchant Batch Key Positions: 154-166 Length: 13 Format: alphanumeric	Description: Identifies the merchant batch. The first nine digits are unique for each merchant batch. The last four digits contain the TCR (record) count within the merchant batch.

Data Capture Advice Edit Criteria

Record Type Positions: 167 Length: 1 Format: alphanumeric	Description: Type of record. The entry will be a 2 for cardholder transaction detail.
Reserved Positions: 168 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 57 - TCR 3 - Transaction Detail, Payment Service Data

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 3 - Transaction Detail, Payment Service Data.

CTF - Outgoing and Incoming Interchange

Data Capture 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	Authorization Response Code
7-18	12	UN	Authorized Amount
19-33	15	UN	Transaction Identifier
34-37	4	AN	Validation Code
38-39	2	UN	Multiple Clearing Sequence Number
40-41	2	UN	Multiple Clearing Sequence Count
42	1	AN	Market-Specific Authorization Data Identifier
43-54	12	UN	Total Authorized Amount
55	1	AN	Submitted Authorization Characteristics Indicator
56-66	11	AN	MOTO Customer Service Phone Number

Data Capture Advice Record Layout

Position	Field Length	Format	Contents
67	1	AN	MOTO Customer Service Phone Flag
68-69	2	AN	MOTO Installment Sequence Number
70-71	2	AN	MOTO Installment Sequence Count
72-153	82	AN	Reserved
154-166	13	UN	Internal Merchant Batch Key
167	1	AN	Record Type
168	1	AN	Reserved

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

Data Capture Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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 3 .
Authorization Response Code Positions: 5-6 Length: 2 Format: alphanumeric	Description: Contains the authorization code provided by the issuer when a transaction is approved or a "no reason to decline" code is provided. The field must contain valid alphanumeric values of space , A through Z , or 0 through 9 .
Authorized Amount Positions: 7-18 Length: 12 Format: unpacked numeric	Description: Amount the issuer originally authorized. This field will contain two implied decimal places. The entry must be numeric.

Data Capture Advice Edit Criteria

Transaction Identifier Positions: 19-33 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 exceptions. The entry must be numeric. If the Authorization Characteristics Indicator on the TCR 0 is an N , the entry must be zero.
Validation Code Positions: 34-37 Length: 4 Format: alphanumeric	Description: A unique value that Visa includes as part of the Custom Payment Service/ATM program in each authorization response to ensure that key authorization fields are preserved in the clearing record.
Multiple Clearing Sequence Number Positions: 38-39 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 (see Multiple Clearing Sequence Count field below) for the authorization.
Multiple Clearing Sequence Count Positions: 40-41 Length: 2 Format: unpacked numeric	Description: The total number of clearing records for the authorization.
Market-specific Authorization Data Identifier Positions: 42 Length: 1 Format: alphanumeric	Description: Indicates if valid Market-Specific Authorization Data received. For example: H = Valid Hotel Market-Specific Authorization Data received A = Valid Auto Rental Market-Specific Authorization Data received N = Invalid or not applicable Market-Specific data received.
Total Authorized Amount Positions: 43-54 Length: 12 Format: unpacked numeric	Description: The total amount of the transaction, including all taxes and misc. fees. This field will contain two implied decimal places.
Submitted Authorization Characteristics Indicator Positions: 55 Length: 1 Format: alphanumeric	Description: This entry contains the original value of the Authorization Characteristics Indicator sent to V.I.P.

Data Capture Advice Edit Criteria

MOTO Customer Service Phone Number Positions: 56-66 Length: 11 Format: alphanumeric	Description: Mail order or telephone order customer service phone number (the customer service number of the direct marketing merchant). The format for this field is ###-XXXXXX , where: ### The first three positions must be numeric - The fourth position must be a dash (-) XXXXXX The remaining seven positions are alphanumeric
MOTO Customer Service Phone Flag Positions: 67 Length: 1 Format: alphanumeric	Description: Indicates whether or not the customer service phone number may be printed on the cardholder's statement. This field must contain either a Y (Yes) or an N (No).
MOTO Installment Sequence Number Positions: 68-69 Length: 2 Format: unpacked numeric	Description: Total number of payments to be made that are installment payments. The default value for this field is zeros.
MOTO Installment Sequence Count Positions: 70-71 Length: 2 Format: unpacked numeric	Description: Which payment, out of total number of payments to be made, is being submitted. The default value for this field is zeros.
Reserved Positions: 72-153 Length: 82 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Internal Merchant Batch Key Positions: 154-166 Length: 13 Format: alphanumeric	Description: Identifies the merchant batch. The first nine digits are unique for each merchant batch. The last four digits contain the TCR (record) count within the merchant batch.
Record Type Positions: 167 Length: 1 Format: alphanumeric	Description: Type of record. The entry will be a 2 for cardholder transaction detail.
Reserved Positions: 168 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 57 - TCR 4 - Industry-Specific Data

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 4 - Industry-Specific Data.

CTF - Outgoing and Incoming Interchange

Data Capture 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
27-153	127	AN	Data Content (dependent on Business Format Code)
154-166	13	AN	Internal Merchant Batch Key
167	1	AN	Record Type
168	1	AN	Reserved

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

TC 57 - TCR 4 - Industry-Specific Data - Passenger Itinerary Data

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 4 - Industry-Specific Data - Passenger Itinerary Data.

CTF - Outgoing and Incoming Interchange

Data Capture 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 (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
118-130	13	AN	Original Ticket Number
131-153	23	AN	Reserved
154-166	13	AN	Internal Merchant Batch Key
167	1	AN	Record Type
168	1	AN	Reserved

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

Data Capture Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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 4 .
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 A1 indicating Passenger Transport format.
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: The actual name of the passenger.
Departure Date Positions: 47-52 Length: 6 Format: unpacked numeric	Description: The date the passenger's trip starts. The field may contain zeros or a valid date in the format MMDDYY . The date may be a future one.

Data Capture Advice Edit Criteria

Origination City/Airport Code Positions: 53-55 Length: 3 Format: alphanumeric	Description: The code for the name of the city or airport where passenger's trip starts.
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. The Carrier Code, Service Class, and Destination are edited only on Leg 1. Only the Stop-Over Code is edited for all four legs.
Carrier Code Positions: 56-57 Length: 2 Format: alphanumeric	Description: Code indicating name of carrier.
Service Class Positions: 58 Length: 1 Format: alphanumeric	Description: Indicates service class (first class, business class, etc.).
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.
Trip Leg 2 Information Positions: 63-69 Length: 7 Format: group	Description: Description of the second leg of trip.
Carrier Code Positions: 63-64 Length: 2 Format: alphanumeric	Description: Code indicating name of carrier.

Data Capture Advice Edit Criteria

Service Class Positions: 65 Length: 1 Format: alphanumeric	Description: Indicates service class (first class, business class, etc.).
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.
Trip Leg 3 Information Positions: 70-76 Length: 7 Format: group	Description: Description of the third leg of the trip.
Carrier Code Positions: 70-71 Length: 2 Format: alphanumeric	Description: Code indicating name of carrier.
Service Class Positions: 72 Length: 1 Format: alphanumeric	Description: Indicates service class (first class, business class, etc.).
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
Destination City/Airport Code Positions: 74-76 Length: 3 Format: alphanumeric	Description: Indicates destination city's airport code.

Data Capture Advice Edit Criteria

Trip Leg 4 Information Positions: 77-83 Length: 7 Format: group	Description: Description of the fourth leg of the trip.
Carrier Code Positions: 77-78 Length: 2 Format: alphanumeric	Description: Code indicating name of carrier.
Service Class Positions: 79 Length: 1 Format: alphanumeric	Description: Indicates service class (first class, business class, etc.).
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.
Travel Agency Code Positions: 84-91 Length: 8 Format: alphanumeric	Description: Code identifying travel agency if the ticket was issued by a travel agency. An entry should be supplied 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. An entry should be supplied if the ticket was issued by a travel agency.
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

Data Capture Advice Edit Criteria

Original Ticket Number Positions: 118-130 Length: 13 Format: alphanumeric	Description: The Airline/Railway Ticket Identifier.
Reserved Positions: 131-153 Length: 23 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Internal Merchant Batch Key Positions: 154-166 Length: 13 Format: alphanumeric	Description: Identifies the merchant batch. The first nine digits are unique for each merchant batch. The last four digits contain the TCR count within the merchant batch.
Record Type Positions: 167 Length: 1 Format: alphanumeric	Description: Type of record. The entry will be a 2 for cardholder transaction detail.
Reserved Positions: 168 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 57 - TCR 4 - Industry-Specific Data - Lodging

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 4 - Industry-Specific Data - Lodging.

CTF - Outgoing and Incoming Interchange

Data Capture Advice Record Layout

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

Data Capture Advice Record Layout

Position	Field Length	Format	Contents
4	1	UN	Transaction Component Sequence Number
5-16	12	AN	Reserved
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)
44-153	110	AN	Reserved
154-166	13	AN	Internal Merchant Batch Key
167	1	AN	Record Type
168	1	AN	Reserved

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

Data Capture Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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 4 .

Data Capture Advice 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 LG indicating Lodging. 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.
Lodging No Show Indicator Positions: 27 Length: 1 Format: alphanumeric	Description: Used to indicate that the transaction is due to a "no show" charge. The entry must be zero or 1 . 0 = Not applicable 1 = No Show
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 fewer than six additional charges, the codes must be left-justified, and space-filled or zero-filled to the right. The entry must be a valid Lodging Extra Charges code: Space = No extra charge 0 = No extra charge 2 = Restaurant 3 = Gift Shop 4 = Minibar 5 = Telephone 6 = Other 7 = Laundry If there are no extra charges, this field must be all spaces or all zeros .
Reserved Positions: 34-37 Length: 4 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Data Capture Advice Edit Criteria

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 .
Reserved Positions: 44-153 Length: 110 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Internal Merchant Batch Key Positions: 154-166 Length: 13 Format: alphanumeric	Description: Identifies the merchant batch. The first nine digits are unique for each merchant batch. The last four digits contain the TCR (record) count within the merchant batch.
Record Type Positions: 167 Length: 1 Format: alphanumeric	Description: Type of record. The entry will be a 2 for cardholder transaction detail.
Reserved Positions: 168 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 57 - TCR 4 - Industry-Specific Data - Car Rental

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 4 - Industry-Specific Data - Car Rental.

CTF - Outgoing and Incoming Interchange

Data Capture Advice Record Layout

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

Data Capture Advice Record Layout

Position	Field Length	Format	Contents
4	1	UN	Transaction Component Sequence Number
5-16	12	AN	Reserved
17-18	2	AN	Business Format Code (CA)
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
38-43	6	UN	Car Rental Check-out Date (YYMMDD)
44-153	110	AN	Reserved
154-166	13	AN	Internal Merchant Batch Key
167	1	AN	Record Type
168	1	AN	Reserved

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

Data Capture Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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 4 .

Data Capture Advice 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 CA indicating car rental. 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.
Car Rental No Show Indicator Positions: 27 Length: 1 Format: unpacked numeric	Description: Used to indicate that the transaction is because of a no-show charge. The entry must be zero or 1 . 0 = Not applicable 1 = No-show for a Specialized Vehicle
Car Rental Extra Charges Positions: 28-33 Length: 6 Format: unpacked numeric	Description: Used to indicate the type of additional charges added to the customer's bill after check-out, such as gas, late return, etc. Each position in the field can be used to indicate a type of charge. 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 . If there are fewer than six additional charges, they must be left-justified, and space-filled or zero-filled to the right.
Reserved Positions: 34-37 Length: 4 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Data Capture Advice Edit Criteria

Car Rental Check-Out Date Positions: 38-43 Length: 6 Format: unpacked numeric	Description: The 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 .
Reserved Positions: 44-153 Length: 110 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Internal Merchant Batch Key Positions: 154-166 Length: 13 Format: alphanumeric	Description: Identifies the merchant batch. The first nine digits are unique for each merchant batch. The last four digits contain the TCR (record) count within the merchant batch.
Record Type Positions: 167 Length: 1 Format: alphanumeric	Description: Type of record. The entry will be a 2 for cardholder transaction detail.
Reserved Positions: 168 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 57 - TCR 4 - Mastercard Transaction - Lodging Data

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 4 - Mastercard Transaction - Lodging Data.

CTF - Outgoing and Incoming Interchange

Data Capture Advice Record Layout

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

Data Capture Advice Record Layout

Position	Field Length	Format	Contents
4	1	UN	Transaction Component Sequence Number
5-16	12	AN	Reserved
17-18	2	AN	Business Format Code (06)
19-24	6	UN	Arrival Date
25-30	6	UN	Departure Date
31-40	10	AN	Folio Number
41-50	10	AN	Property Phone Number
51-60	10	AN	Customer Service Phone Number
61-69	9	UN	Room Rate
70-76	7	UN	Room Tax
77-78	2	AN	Program Code
79-87	9	UN	Phone Call Amount
88-96	9	UN	Room Service Amount
97-105	9	UN	Bar Amount
106-114	9	UN	Gift Amount
115-121	7	UN	Laundry Amount
122-124	3	AN	Other Services Code
125-133	9	UN	Other Services Amount
134	1	AN	Billing Adjustment Indicator
135-143	9	UN	Billing Adjustment Amount
144-153	10	AN	Reserved
154-166	13	AN	Internal Merchant Batch Key
167	1	AN	Record Type
168	1	AN	Reimbursement Attribute

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

Data Capture Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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 4 .
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 must contain 06 indicating Mastercard transaction lodging data.
Arrival Date Positions: 19-24 Length: 6 Format: unpacked numeric	Description: The date the customer checked into the hotel/lodging or, in the case of a no-show or an advance lodging, the scheduled arrival date. This field must be in MMDDYY format.
Departure Date Positions: 25-30 Length: 6 Format: unpacked numeric	Description: The date the customer checked out of the lodging. This field must be in MMDDYY format.
Folio Number Positions: 31-40 Length: 10 Format: alphanumeric	Description: Hotel folio or invoice number.

Data Capture Advice Edit Criteria

Property Phone Number Positions: 41-50 Length: 10 Format: alphanumeric	Description: Phone number of the lodging.
Customer Service Phone Number Positions: 51-60 Length: 10 Format: alphanumeric	Description: Phone number of the lodging's customer service area.
Room Rate Positions: 61-69 Length: 9 Format: unpacked numeric	Description: Not being used at this time.
Room Tax Positions: 70-76 Length: 7 Format: unpacked numeric	Description: Not being used at this time.
Program Code Positions: 77-78 Length: 2 Format: alphanumeric	Description: Not being used at this time.
Phone Call Amount Positions: 79-87 Length: 9 Format: unpacked numeric	Description: Not being used at this time.
Room Service Amount Positions: 88-96 Length: 9 Format: unpacked numeric	Description: Not being used at this time.
Bar Amount Positions: 97-105 Length: 9 Format: unpacked numeric	Description: Not being used at this time.

Data Capture Advice Edit Criteria

Gift Amount Positions: 106-114 Length: 6 Format: unpacked numeric	Description: Not being used at this time.
Laundry Amount Positions: 115-121 Length: 7 Format: unpacked numeric	Description: Not being used at this time.
Other Services Code Positions: 122-124 Length: 3 Format: alphanumeric	Description: Not being used at this time.
Other Services Amount Positions: 125-133 Length: 9 Format: unpacked numeric	Description: Not being used at this time.
Billing Adjustment Indicator Positions: 134 Length: 1 Format: alphanumeric	Description: Not being used at this time.
Billing Adjustment Amount Positions: 135-143 Length: 9 Format: unpacked numeric	Description: Not being used at this time.
Reserved Positions: 144-153 Length: 10 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Internal Merchant Batch Key Positions: 154-166 Length: 13 Format: alphanumeric	Description: Identifies the merchant batch. The first nine digits are unique for each merchant batch. The last four digits contain the TCR (record) count within the merchant batch.

Data Capture Advice Edit Criteria

Record Type Positions: 167 Length: 1 Format: alphanumeric	Description: Type of record.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

TC 57 - TCR 4 - Mastercard Transaction - Car Rental Data

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 4 - Mastercard Transaction - Car Rental Data.

CTF - Outgoing and Incoming Interchange

Data Capture 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 (05)
19-27	9	AN	Rental Agreement Number
28-47	20	AN	Renter Name
48-53	6	UN	Rental Check Out Date
54-71	18	AN	Return City
72-74	3	AN	Return State and Country
75-80	6	UN	Return Date
81-90	10	AN	Return Location ID
91-100	10	AN	Customer Service Number

Data Capture Advice Record Layout

Position	Field Length	Format	Contents
101-102	2	AN	Rental Class
103-111	9	UN	Daily Rate
112-117	6	UN	Rate Per Mile
118-121	4	UN	Total Miles
122-125	4	UN	Maximum Free Miles
126	1	AN	Insurance Indicator
127-135	9	UN	Insurance Charges
136	1	AN	Adjusted Amount Indicator
137-145	9	UN	Adjusted Amount
146-147	2	AN	Program Code
148-153	6	AN	Reserved
154-166	13	AN	Internal Merchant Batch Key
167	1	AN	Record Type
168	1	AN	Reimbursement Attribute

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

Data Capture Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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 4 .

Data Capture Advice 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 (05) Positions: 17-18 Length: 2 Format: alphanumeric	Description: Code indicating the type of business that is applicable to this transaction. The Business Format code must contain 05 indicating Mastercard transaction car rental data.
Rental Agreement Number Positions: 19-27 Length: 9 Format: alphanumeric	Description: Number identifying the rental agreement.
Renter Name Positions: 28-47 Length: 20 Format: alphanumeric	Description: Name of person or company who rented the car.
Rental Check Out Date Positions: 48-53 Length: 6 Format: unpacked numeric	Description: The date when the actual car rental occurred. This field must be in MMDDYY format.
Return City Positions: 54-71 Length: 18 Format: alphanumeric	Description: The name of the city to which the rental car was returned.
Return State and Country Positions: 72-74 Length: 3 Format: alphanumeric	Description: The name of the state and country to which the rental car was returned.
Return Date Positions: 75-80 Length: 6 Format: unpacked numeric	Description: The date the car was returned. This field must be in MMDDYY format.

Data Capture Advice Edit Criteria

Return Location ID Positions: 81-90 Length: 10 Format: alphanumeric	Description: Identifier indicating the location to which the car was returned.
Customer Service Number Positions: 91-100 Length: 10 Format: alphanumeric	Description: Phone number of the lodging's customer service area.
Rental Class Positions: 101-102 Length: 2 Format: alphanumeric	Description: Not being used at this time.
Daily Rate Positions: 103-111 Length: 9 Format: unpacked numeric	Description: Not being used at this time.
Rate Per Mile Positions: 112-117 Length: 6 Format: unpacked numeric	Description: Not being used at this time.
Total Miles Positions: 118-121 Length: 4 Format: unpacked numeric	Description: Not being used at this time.
Maximum Free Miles Positions: 122-125 Length: 4 Format: unpacked numeric	Description: Not being used at this time.
Insurance Indicator Positions: 126 Length: 1 Format: alphanumeric	Description: Not being used at this time.

Data Capture Advice Edit Criteria

Insurance Charges Positions: 127-135 Length: 9 Format: unpacked numeric	Description: Not being used at this time.
Adjusted Amount Indicator Positions: 136 Length: 1 Format: alphanumeric	Description: Not being used at this time.
Adjusted Amount Positions: 137-145 Length: 9 Format: unpacked numeric	Description: Not being used at this time.
Program Code Positions: 146-147 Length: 2 Format: alphanumeric	Description: Not being used at this time.
Reserved Positions: 148-153 Length: 6 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Internal Merchant Batch Key Positions: 154-166 Length: 13 Format: alphanumeric	Description: Identifies the merchant batch. The first nine digits are unique for each merchant batch. The last four digits contain the TCR (record) count within the merchant batch.
Record Type Positions: 167 Length: 1 Format: alphanumeric	Description: Type of record.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

TC 57 - TCR 5 - Limited Use Data

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 5 - Limited Use Data.

CTF - Outgoing and Incoming Interchange

Data Capture 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
5-13	9	UN	Local Tax
14	1	AN	Tax Included
15	1	AN	Purchase Identifier Format
16-40	25	AN	Purchase Identifier
41-153	113	AN	Reserved
154-166	13	AN	Internal Merchant Batch Key
167	1	AN	Record Type
168	1	AN	Reserved

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

Data Capture Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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.

Data Capture Advice Edit Criteria

Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 5.
Local Tax Positions: 5-13 Length: 9 Format: unpacked numeric	Description: Used to indicate the amount of local tax included in the transaction amount. This amount must be expressed in the same currency as the transaction amount. If local tax is not entered, this field must be all zeros. There are two implied decimal places.
Tax Included Positions: 14 Length: 1 Format: alphanumeric	Description: Indicates if local tax is included. This field must contain 0, 1 or 2 . 0 is invalid if the Local Tax field is not zeros. 0 = Tax not included 1 = Local Tax included 2 = Transaction not subject to tax
Purchase Identifier Format Positions: 15 Length: 1 Format: alphanumeric	Description: Indicates the format of additional identifying information for purchases, such as order number or hotel folio number. Format can include free text or type of number. This field must be a space or 0 through 5 . See <i>BASE II Clearing Data Codes</i> for a listing of Purchase Identifier Format Codes.
Purchase Identifier Positions: 16-40 Length: 25 Format: alphanumeric	Description: Indicates the type of identifying information (order number, invoice number, text description, etc.). The first nine digits are unique for each merchant batch. The last four digits contain the TCR (record) count within the merchant batch.
Reserved Positions: 41-153 Length: 113 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Internal Merchant Batch Key Positions: 154-166 Length: 13 Format: alphanumeric	Description: Type of record. The entry will be a 2 for cardholder transaction detail.

Data Capture Advice Edit Criteria

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

TC 57 - TCR 5 - Limited Use Data

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 5 - Limited Use Data.

CTF - Outgoing and Incoming Interchange

Data Capture 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
5-15	11	AN	Reserved
16-24	9	AN	Banknet Settlement Number
25-28	4	AN	Banknet Settlement Date
29-32	4	AN	Validation Code
33-40	8	AN	Reserved
41-52	12	UN	Authorization Amount
53-153	101	AN	Reserved
154-166	13	AN	Internal Merchant Batch Key
167	1	AN	Record Type
168	1	AN	Reimbursement Attribute

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

Data Capture Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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 5 .
Reserved Positions: 5-15 Length: 11 Format: unpacked numeric	Description: This field is reserved for future use. EP will always space-fill.
Banknet Settlement Number Positions: 16-24 Length: 9 Format: alphanumeric	Description: Number identifying Banknet Settlement event.
Banknet Settlement Date Positions: 25-28 Length: 4 Format: alphanumeric	Description: Date Banknet Settlement occurred.
Validation Code Positions: 29-32 Length: 4 Format: alphanumeric	Description: A unique value that Visa includes as part of the Custom Payment Service/ATM program in each authorization response to ensure that key authorization fields are preserved in the clearing record.
Reserved Positions: 33-40 Length: 8 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Data Capture Advice Edit Criteria

Authorization Amount Positions: 41-52 Length: 12 Format: unpacked numeric	Description: Amount of purchase authorized. This field will contain two implied decimal places.
Reserved Positions: 53-153 Length: 101 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Internal Merchant Batch Key Positions: 154-166 Length: 13 Format: alphanumeric	Description: Identifies the merchant batch. The first nine digits are unique for each merchant batch. The last four digits contain the TCR (record) count with the merchant batch.
Record Type Positions: 167 Length: 1 Format: alphanumeric	Description: Type of record.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

TC 57 - TCR 0 - Japan Acquirer Services

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 0 - Japan Acquirer Services.

CTF - Outgoing and Incoming Interchange

Data Capture Advice Record Layout

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

Data Capture Advice 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
17-42	26	AN	JAS Additional Data
43-44	2	AN	Record Format Code
45-168	124	AN	JAS Capture Data

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

Data Capture Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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 a BASE II transaction message is sent. The field must contain a valid acquiring identifier with a relationship with the data capture service provider.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The field must contain the source identifier of the data capture service provider.

Data Capture Advice Edit Criteria

JAS Additional Data Positions: 17-42 Length: 26 Format: alphanumeric	Description: Contains Japan Acquirer Services additional data. See <i>Member-Operated Data Capture User's Guide</i> for more information on subfields.
Record Format Code Positions: 43-44 Length: 2 Format: alphanumeric	Description: Identifies the type of data in this record. The field must contain JP (Japan).
JAS Capture Information Positions: 45-168 Length: 124 Format: alphanumeric	Description: Contains Japan Acquirer Services capture information. See <i>Member-Operated Data Capture User's Guide</i> for more information on subfields.)

TC 57 - TCR 0 - Japan Acquirer Services - Additional Capture Information

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 0 -Japan Acquirer Services - Additional Capture Information.

CTF - Outgoing and Incoming Interchange

Data Capture 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	UN	JAS Capture Information

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

Data Capture Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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).
JAS Capture Information Positions: 5-168 Length: 164 Format: alphanumeric	Description: Contains Japan Acquirer Service capture information. See <i>Member-Operated Data Capture User's Guide</i> for more information on subfields.

TC 57 - TCR 0 - Cardholder Transaction Detail (Korea)

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 0 - Cardholder Transaction Detail (Korea).

CTF - Outgoing and Incoming Interchange

Data Capture 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

Data Capture Advice Record Layout

Position	Field Length	Format	Contents
11-16	6	UN	Source Identifier
17-18	2	UN	Transaction Type
19-24	6	AN	Store Number
25	1	AN	Reserved
26	1	AN	Authorization Source Code
27	1	AN	Cardholder ID Method
28-39	12	UN	Transaction Amount
40-41	2	AN	POS Entry Mode
42	1	AN	Mail, Telephone or Electronic Commerce Indicator
43-44	2	AN	Record Format Code (KR)
45-52	8	AN	Local Authorization Number
53-54	2	UN	Terminal Type
55-69	15	UN	Merchant ID
70-84	15	AN	Merchant Business ID
85-109	25	AN	Merchant Name
110-122	13	AN	Merchant Location
123-125	3	AN	Merchant Country Code
126-129	4	UN	Merchant Category Code
130-141	12	UN	Retrieval Reference Number
142-153	12	UN	Terminal ID
154-166	13	UN	Merchant Representative Resident Registration Number
167	1	AN	Record Type
168	1	AN	Reimbursement Attribute

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

Data Capture Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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 a BASE II transaction message is sent. The field must contain a valid acquiring identifier with a relationship with the data capture service provider.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message is sent. The field must contain the source identifier of the data capture service provider.
Transaction Type Positions: 17-18 Length: 2 Format: unpacked numeric	Description: Indicates type of transaction (purchase, adjustment, etc.). The field must be one of these values. 11 = Normal purchase 12 = Reversal normal purchase or cancellation 21 = Installation payment 22 = Reversal installment payment or cancellation 32 = Partial Reversal Transaction 42 = Refund Transaction Cancel is performed within the same batch capture window as original. When batch capture window changes, reversal transaction should be created to cancel the original.

Data Capture Advice Edit Criteria

Store Number Positions: 19-24 Length: 6 Format: alphanumeric	Description: Number identifying store where purchase occurred. This field must be alphanumeric and may contain a space.
Reserved Positions: 25 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Authorization Source Code Positions: 26 Length: 1 Format: alphanumeric	Description: Indicates whether or not card present at authorization and type of commerce or service requested. 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.
Cardholder ID Method Positions: 27 Length: 1 Format: alphanumeric	Description: Indicates method used to identify cardholder (e.g., signature, PIN, etc.). The field must contain a space or 1 through 4 . See <i>BASE II Clearing Data Codes</i> for a list of valid codes.
Transaction Amount Positions: 28-39 Length: 12 Format: unpacked numeric	Description: The purchase value in transaction currency. Two decimal places are implied. This entry must be a numeric greater than zero. Minor units must be zero.
POS Entry Mode Positions: 40-41 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. This entry must be space , 00 through 06 , 90 , or 95 .
Mail, Telephone or Electronic Commerce Indicator Positions: 42 Length: 1 Format: alphanumeric	Description: Indicates transaction performed by mail order, telephone, electronic commerce, or other means. This field must be space-filled or contain 1 through 8 . It may not be space-filled if the Merchant Category Code is 5960 , 5962 , or 5964 through 5969 .
Record Format Code (KR) Positions: 43-44 Length: 2 Format: alphanumeric	Description: Identifies the type of data in this record. The field must contain KR (Korea).

Data Capture Advice Edit Criteria

Local Authorization Number Positions: 45-52 Length: 8 Format: alphanumeric	Description: South Korean authorization ID. The field must be alphanumeric and greater than zero.
Terminal Type Positions: 53-54 Length: 2 Format: unpacked numeric	Description: Code that identifies the terminal type used by the merchant. Values: 00/CAT = General POS 01/POS = EFT POS 02/EC = Electronic Commerce 03/PC = Personal Computer 04/EC+CAT = Mobile Phone
Merchant ID Positions: 55-69 Length: 15 Format: unpacked numeric	Description: Merchant identification number. This field must contain numerics and be left-justified.
Merchant Business ID Positions: 70-84 Length: 15 Format: alphanumeric	Description: The merchant's business identification. This field is left-justified and follows a space.
Merchant Name Positions: 85-109 Length: 25 Format: alphanumeric	Description: Name of the merchant in the original transaction. If not applicable, it must be a space.
Merchant Location Positions: 110-122 Length: 13 Format: alphanumeric	Description: Merchant location. If not applicable, it must be a space.
Merchant Country Code Positions: 123-125 Length: 3 Format: alphanumeric	Description: Code identifying the country where the Visa transaction occurred, regardless of the location of entry to the system. 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.
Merchant Category Code Positions: 126-129 Length: 4 Format: unpacked numeric	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). See <i>Visa Core Rules and Visa Product and Service Rules</i> for valid codes.

Data Capture Advice Edit Criteria

Retrieval Reference Number Positions: 130-141 Length: 12 Format: unpacked numeric	Description: Reference 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. This field must be numeric.
Terminal ID Positions: 142-153 Length: 12 Format: unpacked numeric	Description: 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. This field must be left-justified and zero-filled.
Merchant Representative Resident Registration Number Positions: 154-166 Length: 13 Format: unpacked numeric	Description: Registration number associated with merchant representative. This field must be numeric or zeros.
Record Type Positions: 167 Length: 1 Format: alphanumeric	Description: Type of record. The entry will be a 2 for cardholder transaction detail.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

TC 57 - TCR 1 - Cardholder Transaction Detail (Korea)

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 1 - Cardholder Transaction Detail (Korea).

CTF - Outgoing and Incoming Interchange

Data Capture Advice Record Layout

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

Data Capture Advice 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	UN	Currency Code
20-35	16	UN	Account Number
36-38	3	UN	Account Number Extension
39-42	4	UN	Expiration Date (YYMM)
43-44	2	AN	Record Format Code (KR)
45-53	9	AN	Reserved
54-60	7	AN	Unique VAT Invoice Reference Number
61-92	32	AN	Merchant Name-Korean
93-104	12	AN	Product Code
105-124	20	AN	Product Name-Korean
125-132	8	UN	Order Date (YYYYMMDD)
133-134	2	UN	Payment Method
135-136	2	UN	Number of Payment
137-144	8	UN	Cardholder Settlement Date (YYYYMMDD)
145-147	3	UN	Cardholder Deferred Days
148-155	8	UN	Cardholder Payment Start Date (YYYYMMDD)
156-163	8	UN	Merchant Payment Date (YYYYMMDD)
164-166	3	UN	Merchant Deferred Days
167	1	AN	Record Type
168	1	AN	Reimbursement Attribute

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

Data Capture Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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 .
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which a BASE II transaction message is sent. The field must contain a valid acquiring identifier with a relationship with the data capture service provider.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The field must contain the source identifier of the data capture service provider.
Currency Code Positions: 17-19 Length: 3 Format: unpacked numeric	Description: Indicates type of currency. The field must contain a valid currency ISO numeric code.
Account Number Positions: 20-35 Length: 16 Format: unpacked numeric	Description: An issuer-assigned number that identifies a cardholder's account. This field must be a 16-digit numeric. This field must contain a valid number from the BASE II ARDEF.

Data Capture Advice Edit Criteria

Account Number Extension Positions: 36-38 Length: 3 Format: unpacked numeric	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. Outgoing: The Edit Package inserts zeros in the field if the Account Number is 16 digits or less (per the ARDEF Table).
Expiration Date Positions: 39-42 Length: 4 Format: unpacked numeric	Description: Expiration date of the account number. The format for the field is YYMM .
Record Format Code (KR) Positions: 43-44 Length: 2 Format: alphanumeric	Description: Identifies the type of data in this field. The field must contain KR (Korea).
Reserved Positions: 45-53 Length: 9 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Unique VAT Invoice Reference Number Positions: 54-60 Length: 7 Format: alphanumeric	Description: Value Added Tax invoice reference number. The field must be numeric or space.
Merchant Name - Korean Positions: 61-92 Length: 32 Format: alphanumeric	Description: Name of the merchant. The merchant name is entered using Korean characters. If this field is not used, it should be spaces.
Product Code Positions: 93-104 Length: 12 Format: alphanumeric	Description: Identifies product being purchased. See <i>BASE II Clearing Data Codes</i> for valid values. This field may contain spaces.
Product Name - Korean Positions: 105-124 Length: 20 Format: alphanumeric	Description: The product name in Korean. This field may contain spaces.

Data Capture Advice Edit Criteria

Order Date Positions: 125-132 Length: 8 Format: unpacked numeric	Description: Date the product was ordered. The field must contain a valid date in the format YYYYMMDD . If this field is not used, it should be zeros.
Payment Method Positions: 133-134 Length: 2 Format: unpacked numeric	Description: This value is a 2-digit code indicating the payment method. 11 = One-time payment 21 = Installment payment 22 = Installment payment without interest 31 (March) 32 (June) 33 (September) 34 (December) = Bonus (one-time) Payment 41, 42, 43, 44 = Integrated (Bonus + Installment) Payment 51, 52, 53, 54 = Reserved for future expansion See <i>BASE II Clearing Data Codes</i> for valid Payment Method codes and definitions.
Number of Payment Positions: 135-136 Length: 2 Format: unpacked numeric	Description: Used for installment payments, indicates which payment, out of total number of payments to be made, is being submitted. This field must be numeric and must be in the range of 2 through 60 .
Cardholder Settlement Date Positions: 137-144 Length: 8 Format: unpacked numeric	Description: Date the cardholder will settle the account in the format YYYYMMDD . If this field is not used, it must be zero-filled.
Cardholder Deferred Days Positions: 145-147 Length: 3 Format: unpacked numeric	Description: Number of days the cardholder can defer the payment start date. This field must be numeric or zeros.
Cardholder Payment Start Date Positions: 148-155 Length: 8 Format: unpacked numeric	Description: Cardholder payment start date for installment payments. The format for this field is YYYYMMDD . If this field is not used, it should be zeros.

Data Capture Advice Edit Criteria

Merchant Payment Date Positions: 156-163 Length: 8 Format: unpacked numeric	Description: Merchant payment date. The format for this field is YYYYMMDD . If this field is not used, it should be zeros.
Merchant Deferred Days Positions: 164-166 Length: 3 Format: unpacked numeric	Description: Number of days the merchant can defer the purchase date. This field must be numeric or zeros.
Record Type Positions: 167 Length: 1 Format: alphanumeric	Description: Type of record. The entry will be a 3 for cardholder transaction detail.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

TC 57 - TCR 2 - Transaction Additional Detail (Korea)

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 2 - Transaction Additional Detail (Korea).

CTF - Outgoing and Incoming Interchange

Data Capture 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
17-28	12	AN	Merchant Location-Korean

Data Capture Advice Record Layout

Position	Field Length	Format	Contents
29-36	8	UN	Purchase Date (YYYYMMDD)
37-42	6	UN	Purchase Time
43-44	2	AN	Record Format Code (KR)
45-166	122	AN	Message Text
167	1	AN	Record Type
168	1	AN	Reimbursement Attribute

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

Data Capture Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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 . The record must follow a TCR 1.
Destination Identifier Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The entity to which a BASE II transaction message is sent. The field must contain a valid acquiring identifier with a relationship with the data capture service provider.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The field must contain the source identifier of the data capture service provider.

Data Capture Advice Edit Criteria

Merchant Location - Korean Positions: 17-28 Length: 12 Format: alphanumeric	Description: The merchant location entered using Korean characters. If this field is not used, it should be spaces.
Purchase Date Positions: 29-36 Length: 8 Format: unpacked numeric	Description: The actual date a cardholder makes a purchase; this is the date of the transaction. This field must contain a valid date in the format YYYYMMDD .
Purchase Time Positions: 37-42 Length: 6 Format: unpacked numeric	Description: The time the purchase was made. This field must contain a valid time in the format HHMMSS .
Record Format Code (KR) Positions: 43-44 Length: 2 Format: alphanumeric	Description: Identifies the type of data in this record. The field must contain KR (Korea).
Message Text Positions: 45-166 Length: 122 Format: alphanumeric	Description: The text in this field is followed by spaces and supported for Korean characters.
Record Type Positions: 167 Length: 1 Format: alphanumeric	Description: Type of record. The entry will be a 2 for cardholder transaction detail.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

TC 57 - TCR 0 - Batch Trailer

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 0 - Batch Trailer.

CTF - Outgoing and Incoming Interchange

Data Capture 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
17-22	6	UN	Reserved
23-34	12	AN	Reserved
35-37	3	UN	Reserved
38	1	AN	Draft Flag
39-42	4	UN	Central Processing Date (YDDD)
43-44	2	AN	Record Format Code
45	1	AN	Reversal Flag
46-68	23	UN	Reserved
69-75	7	UN	Batch Transaction Count
76-90	15	UN	Batch Net Amount
91-92	2	AN	Batch Net Amount Sign
93-99	7	UN	Batch Record (TCR) Count
100-114	15	UN	Batch Gross Amount
115-130	16	UN	Secondary Amount
131-153	23	AN	Reserved
154-166	13	AN	Internal Merchant Batch Key
167	1	AN	Record Type
168	1	AN	Reimbursement Attribute

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

Data Capture Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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 a BASE II transaction message is sent. The field must contain a valid acquiring identifier with a relationship with the data capture service provider.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The field must contain a valid source identifier of the data capture service provider.
Reserved Positions: 17-22 Length: 6 Format: unpacked numeric	Description: This field is reserved for future use. EP will always space-fill.
Reserved Positions: 23-34 Length: 12 Format: unpacked numeric	Description: This field is reserved for future use. EP will always space-fill.
Reserved Positions: 35-37 Length: 3 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Data Capture Advice Edit Criteria

Draft Flag Positions: 38 Length: 1 Format: alphanumeric	Description: Indicates draft was submitted. The field must contain an N (no draft submitted).
Central Processing Date Positions: 39-42 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 field must contain a numeric value. Incoming: The field contains a valid YDDD date format. This is the same as the BASE II Collection Date.
Record Format Code Positions: 43-44 Length: 2 Format: alphanumeric	Description: Identifies the type of data in this record. The Record Format Code must be DC .
Reversal Flag Positions: 45 Length: 1 Format: alphanumeric	Description: Indicates if this is a reversal. The field must contain an R (Reversal) or a space (non-reversal).
Reserved Positions: 46-68 Length: 23 Format: unpacked numeric	Description: This field is reserved for future use. EP will always space-fill.
Batch Transaction Count Positions: 69-75 Length: 7 Format: unpacked numeric	Description: This is the number of non-void cardholder transactions in the merchant batch. The field must be numeric and may contain zeros.
Batch Net Amount Positions: 76-90 Length: 15 Format: unpacked numeric	Description: Sum of amount in batch taking the sign into account. The field must contain an unsigned numeric, which may be zeros. The field contains two implied decimal places.
Batch Net Amount Sign Positions: 91-92 Length: 2 Format: alphanumeric	Description: The sign of the total net amount. The field must contain CR or spaces . The algebraic value of the Batch Net Amount is negative.

Data Capture Advice Edit Criteria

Batch Record (TCR) Count Positions: 93-99 Length: 7 Format: unpacked numeric	Description: Number of Transaction Component Records in the batch. The field must contain a value greater than zero.
Batch Gross Amount Positions: 100-114 Length: 15 Format: unpacked numeric	Description: Total amount in the batch. The field must be numeric.
Secondary Amount Positions: 115-130 Length: 16 Format: unpacked numeric	Description: Obsolete.
Reserved Positions: 131-153 Length: 23 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Internal Merchant Batch Key Positions: 154-166 Length: 13 Format: alphanumeric	Description: Identifies the merchant batch. The first nine digits are unique for each merchant batch. The last four digits contain the TCR (record) count within the merchant batch.
Record Type Positions: 167 Length: 1 Format: alphanumeric	Description: Type of record. The entry must be a 3 for Batch Trailer.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

TC 57 - TCR 0 - Batch Trailer (Korea)

These tables contain the Data Capture Advice (TC 57) record layout and edit criteria for TCR 0 - Batch Trailer (Korea).

CTF - Outgoing and Incoming Interchange

Data Capture 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
17-22	6	UN	Purchase Transaction Count
23-36	14	UN	Purchase Transaction Amount Sum Total
37-42	6	UN	Purchase Reversal Transaction Count
43-44	2	AN	Record Format Code (KR)
45-58	14	UN	Purchase Reversal Transaction Amount Sum Total
59-64	6	UN	Installment Payment Transaction Count
65-78	14	UN	Installment Payment Transaction Amount Sum Total
79-84	6	UN	Installment Payment Reversal Transaction Count
85-98	14	UN	Installment Payment Reversal Transaction Amount Sum Total
99-104	6	UN	Partial Reversal Transaction Count
105-118	14	UN	Partial Reversal Transaction Amount Sum Total
119-124	6	UN	Refund Transaction Count
125-138	14	UN	Refund Amount Transaction Sum Total
139-144	6	UN	Batch Transaction Count
145-158	14	UN	Batch Transaction Amount Sum Total
159-166	8	AN	Reserved
167	1	AN	Record Type
168	1	AN	Reimbursement Attribute

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

Data Capture Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 57 .
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 a BASE II transaction message is sent. The field must contain a valid acquiring identifier with a relationship with the data capture service provider.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The field must contain the source identifier of the data capture service provider.
Purchase Transaction Count Positions: 17-22 Length: 6 Format: unpacked numeric	Description: The count of the purchase transaction. This is the number of non-void cardholder transactions. The field must be numeric and may contain zeros.
Purchase Transaction Amount Sum Total Positions: 23-36 Length: 14 Format: unpacked numeric	Description: The summary total of the purchase transaction amounts. This field must contain an unsigned numeric, which may be zeros. Two decimal places are implied. Minor units must be zero.

Data Capture Advice Edit Criteria

Purchase Reversal Transaction Count Positions: 37-42 Length: 6 Format: unpacked numeric	Description: The count of the purchase reversal transaction. This field must be numeric and may contain zeros.
Record Format Code (KR) Positions: 43-44 Length: 2 Format: alphanumeric	Description: Identifies the type of data in this record. The field must contain KR (Korea).
Purchase Reversal Transaction Amount Sum Total Positions: 45-58 Length: 14 Format: unpacked numeric	Description: The summary total of the purchase reversal transaction amounts. This field must contain an unsigned numeric, which may be zeros. Two decimal places are implied. Minor units must be zero.
Installment Payment Transaction Count Positions: 59-64 Length: 6 Format: unpacked numeric	Description: Total count of all installment payment transactions. This field must be numeric and may contain zeros.
Installment Payment Transaction Amount Sum Total Positions: 65-78 Length: 14 Format: unpacked numeric	Description: Sum total of all installment payment transaction amounts. This field must contain an unsigned numeric, which may be zeros. Two decimal places are implied. Minor units must be zero.
Installment Payment Reversal Transaction Count Positions: 79-84 Length: 6 Format: unpacked numeric	Description: Total count of all installment payment reversal transactions. This field must be numeric and may contain zeros.
Installment Payment Reversal Transaction Amount Sum Total Positions: 85-98 Length: 14 Format: unpacked numeric	Description: The sum total of all installment payment reversal transactions. This field must contain an unsigned numeric, which may be zeros. Two decimal places are implied. Minor units must be zero.

Data Capture Advice Edit Criteria

Partial Reversal Transaction Count Positions: 99-104 Length: 6 Format: unpacked numeric	Description: Count of all transactions that are partial reversals. This field must be numeric and may contain zeros.
Partial Reversal Transaction Amount Sum Total Positions: 105-118 Length: 14 Format: unpacked numeric	Description: This field must contain an unsigned numeric, which may be zeros. Two decimal places are implied. Minor units must be zero.
Refund Transaction Count Positions: 119-124 Length: 6 Format: unpacked numeric	Description: Summary total of all the partial reversal amounts. This field must be numeric and may contain zeros.
Refund Amount Transaction Sum Total Positions: 125-138 Length: 14 Format: unpacked numeric	Description: This field must contain an unsigned numeric, which may be zeros. Two decimal places are implied. Minor units must be zero.
Batch Transaction Count Positions: 139-144 Length: 6 Format: unpacked numeric	Description: The number of transactions in the batch. This field must be numeric and may contain zeros.
Batch Transaction Amount Sum Total Positions: 145-158 Length: 14 Format: unpacked numeric	Description: Total of transaction amount in the batch, irrespective of sign. This field must contain an unsigned numeric, which may be zeros. Two decimal places are implied. Minor units must be zero.
Reserved Positions: 159-166 Length: 8 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Data Capture Advice Edit Criteria

Record Type Positions: 167 Length: 1 Format: alphanumeric	Description: Type of record. The entry must be a 5 for Batch Trailer.
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

Chapter 8

TC 58 National Settlement Advice Record Transactions

TC 58 - National Settlement Advice Record Transactions

The National Settlement Advice Records are used to advise of non-U.S. local currency interchange data being transmitted through the BASE II System outside the normal BASE II settlement process.

TCR 0

CTF - Outgoing and Incoming Interchange

TC 58 - TCR 0

These tables contain the National Settlement Advice (TC 58) record layout and edit criteria for TCR 0.

CTF - Outgoing and Incoming Interchange

National 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	UN	Destination Identifier
11-16	6	UN	Source Identifier
17-18	2	UN	Record Subtype
19-25	7	UN	Count, Sales Drafts
26-32	7	UN	Count, Credit Vouchers
33-39	7	UN	Count, Cash Disbursements
40-54	15	UN	Total, Sales Drafts
55-69	15	UN	Total, Credit Vouchers
70-84	15	UN	Total, Cash Disbursements
85-123	39	AN	Text
124-130	7	UN	Count, Fee Collections
131-137	7	UN	Count, Funds Disbursements
138-152	15	UN	Total, Fee Collections

National Settlement Advice Record Layout

Position	Field Length	Format	Contents
153-167	15	UN	Total, Funds Disbursements
168	1	AN	Reimbursement Attribute

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

National Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain a 58 .
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 a BASE II transaction message is sent. This field must contain a valid workstation destination identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message is sent. This field must contain a valid Visa Internal workstation source identifier.

National Advice Edit Criteria

Record Subtype Positions: 17-18 Length: 2 Format: unpacked numeric	Description: Identifies record subtype. The field must contain a 01, 02, 03, or 04 . The Record Subtypes are: 01 = Original (05, 06, 07) 02 = Dispute Financial (15, 16, 17) 03 = Reversal (25, 26, 27) 04 = Dispute Financial Reversal (35, 36, 37)
Count, Sales Drafts Positions: 19-25 Length: 2 Format: unpacked numeric	Description: Quantity of sales drafts. The field must be numeric.
Count, Credit Vouchers Positions: 26-32 Length: 7 Format: unpacked numeric	Description: Quantity of credit vouchers. The field must be numeric.
Count, Cash Disbursements Positions: 33-39 Length: 7 Format: unpacked numeric	Description: Quantity of cash disbursements. The field must be numeric.
Total, Sales Drafts Positions: 40-54 Length: 15 Format: unpacked numeric	Description: Total number of sales drafts. The field must be numeric.
Total, Credit Vouchers Positions: 55-69 Length: 15 Format: unpacked numeric	Description: Total number of credit vouchers. The field must be numeric.
Total, Cash Disbursements Positions: 70-84 Length: 15 Format: unpacked numeric	Description: Total number of cash disbursements. The field must be numeric.

National Advice Edit Criteria

Text Positions: 85-123 Length: 39 Format: alphanumeric	Description: Text providing information regarding the nonfulfillment. Refers to text being transmitted. 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 text portion of the field should be followed by spaces.
Count, Fee Collections Positions: 124-130 Length: 7 Format: unpacked numeric	Description: Quantity of fee collections. Use Record Subtype 01 when entering the counts. Record Subtypes 02, 03, and 04 must always be zeros .
Count, Funds Disbursements Positions: 131-137 Length: 7 Format: unpacked numeric	Description: Quantity of funds disbursements. Use Record Subtype 01 when entering the counts. Record Subtypes 02, 03, and 04 must always be zeros .
Total Fee Collections Positions: 138-152 Length: 15 Format: unpacked numeric	Description: Total amount of fees applied to transaction. Use Record Subtype 01 when entering the counts. Record Subtypes 02, 03, and 04 must always be zeros .
Total, Funds Disbursements Positions: 153-167 Length: 15 Format: unpacked numeric	Description: Total number of funds disbursements. Use Record Subtype 01 when entering the counts. Record Subtypes 02, 03, and 04 must always be zeros .
Reimbursement Attribute Positions: 168 Length: 1 Format: alphanumeric	Description: Obsolete - must be zero-filled.

Chapter 9

TC 59 Interface Transaction Advice Record Transactions

TC 59 - Interface Transaction Advice Record Transactions

The Interface Transaction Advice records are used to advise a non-Visa card issuer of a transaction processed by a Visa acquirer or data capture provider.

TCR 0, 1, 2

CTF - Outgoing and Incoming Interchange

The TC 59 records are created from the merchant batch data and are submitted to the VIC for delivery to the non-Visa card issuers. The non-Visa card issuers use the TC 59 records for their own clearing and settlement.

All American Express fields for TC 59 are edited at the VIC only. They are not edited by the Edit Package.

See *VisaNet POS Services Technical User's Guide and File Formats Manual*.

TC 59 - TCR 0 - Non-Visa Transaction Detail

These tables contain the Interface Transaction Advice (TC 59) record layout and edit criteria for TCR 0 - Non-Visa Transaction Detail.

CTF - Outgoing and Incoming Interchange

Interface Transaction 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
17-35	19	UN	Account Number
36-41	6	UN	Acquirer Bank ID
42-45	4	UN	Capture Date (YDDD)
46-56	11	UN	Film Locator

Interface Transaction Advice Record Layout

Position	Field Length	Format	Contents
57-60	4	UN	Purchase Date (MMDD)
61-72	12	UN	Transaction Amount
73-75	3	AN	Transaction Currency Code
76-100	25	AN	Merchant Name
101-113	13	AN	Merchant City
114-116	3	AN	Merchant State/Province Code
117-119	3	AN	Merchant Country Code
120-124	5	UN	Merchant ZIP Code
125-128	4	UN	Reserved
129-132	4	UN	Merchant Category Code
133	1	AN	Electronic Terminal Indicator
134-139	6	AN	Authorization Code
140	1	AN	Transaction Type
141	1	AN	Reversal Flag
142-157	16	UN	Discover Merchant ID
158-159	2	AN	POS Entry Mode
160-163	4	AN	Reserved
164-167	4	UN	Central Processing Date (YDDD)
168	1	UN	Reimbursement Attribute

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

Interface Transaction Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 59 .
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 a BASE II transaction message is sent. The field will contain a valid acquiring or issuing identifier.
Source Identifier Positions: 11-16 Length: 6 Format: unpacked numeric	Description: The entity from which a BASE II transaction message is sent. The field will contain a valid Visa Internal identifier.
Account Number Positions: 17-35 Length: 19 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 <i>BASE II Clearing Data Codes</i> to determine which reason code requires an account number. The field must contain a numeric which is greater than zero, left-justified, and zero-filled. VIC Edit: American Express Cardholder Account Numbers (defined by 34 or 37 in the first two positions) must be 15 characters in length and must pass the modulus-10 check digit routine.
Acquirer Bank ID Positions: 36-41 Length: 6 Format: unpacked numeric	Description: The acquiring identifier of the acquiring bank. VIC Edit: The entry must be a valid acquiring identifier.

Interface Transaction Advice Edit Criteria

Capture Date Positions: 42-45 Length: 4 Format: unpacked numeric	Description: Contains the date the card was captured in mmddyy format. The format for this field is YDDD . This value cannot be greater than the Edit Package Processing Date.
Film Locator Positions: 46-56 Length: 11 Format: unpacked numeric	Description: An 11-digit numeric used to identify the Film records. Within the Date and Acquiring Identifier, the data in this field should be unique to assist in retrieval requests. The entry may be zeros if the center has other provisions for quick retrieval of originals/photocopies. The field must be numeric and may contain zeros. VIC Edit: For American Express, it must be greater than zero.
Purchase Date Positions: 57-60 Length: 4 Format: unpacked numeric	Description: The actual date a cardholder makes a purchase, that is, the date of the transaction. The entry must be a four-digit numeric (which may be zeros) in the format MMDD (month and day).
Transaction Amount Positions: 61-72 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. The field must contain a numeric greater than zero. The field contains two implied decimal places.
Transaction Currency Code Positions: 73-75 Length: 3 Format: alphanumeric	Description: Contains a code that identifies the currency of the Transaction Amount field. The field must contain a valid Currency Code. VIC Edit: For American Express, the code must be 840 .
Merchant Name Positions: 76-100 Length: 25 Format: alphanumeric	Description: The name of the merchant who generated the transaction. The first position of the field may not be a space.
Merchant City Positions: 101-113 Length: 13 Format: alphanumeric	Description: 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 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 dispute financial, retrieval requests, and dispute response financial. The first position of the field may not be a space. For American Express, Merchant City should be placed here and in the Service Establishment City field on TCR 1.

Interface Transaction Advice Edit Criteria

Merchant State/Province Code Positions: 114-116 Length: 3 Format: alphanumeric	Description: Code designating merchant's state or province code. If the Merchant Country Code is U.S. , this field must contain a valid U.S. State Code; otherwise, it must contain spaces.
Merchant Country Code Positions: 117-119 Length: 3 Format: alphanumeric	Description: The entry must be that of the 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. The field must contain a valid Country Code. For non-Visa transactions, it must be U.S.
Merchant ZIP Code Positions: 120-124 Length: 5 Format: unpacked numeric	Description: The ZIP code of the merchant where the transaction occurred. The field must be numeric.
Reserved Positions: 125-128 Length: 4 Format: unpacked numeric	Description: This field is reserved for future use. EP will always space-fill.
Merchant Category Code Positions: 129-132 Length: 4 Format: unpacked numeric	Description: A code designating the principal trade, profession, or line of business in which a merchant is engaged, as specified in the International Operating Regulations. The field must contain a valid four-digit numeric Merchant Category Code (MCC).
Electronic Terminal Indicator Positions: 133 Length: 1 Format: alphanumeric	Description: Indicates whether an electronic terminal was used in the transaction. An electronic terminal is a point-of-sale (POS) terminal, an automated teller machine (ATM), or a cash dispensing machine used at the point of transaction to generate electronic impulses that are captured in computer-readable form for the initiation of paper. The field must contain a zero or a 1 . Values: 0 = No terminal 1 = Electronic terminal
Authorization Code Positions: 134-139 Length: 6 Format: alphanumeric	Description: A code that an issuer, its authorizing processor, or stand-in processing provides to indicate approval of a transaction. The code is returned in the authorization response message and is usually recorded on the transaction receipt as proof of authorization. The field must contain a left-justified space , A through Z , or 0 through 9 .

Interface Transaction Advice Edit Criteria

Transaction Type Positions: 140 Length: 1 Format: alphanumeric	Description: The type of transaction contained in this TCR. The field must contain a number from 5 through 8 . Values: 5 = Purchase or sale 6 = Return or credit 7 = Cash disbursement 8 = Lodging No Show
Reversal Flag Positions: 141 Length: 1 Format: alphanumeric	Description: Flag indicating if this is a reversal. The field must contain a space or an R . Values: Space = Nonreversal R = Reversal
Discover Merchant ID Positions: 142-157 Length: 16 Format: unpacked numeric	Description: Identification number of merchants dealing with Discover cards. The field must contain a numeric and be left-justified and zero-filled. If the Destination identifier is a Discover identifier, the value must be greater than zero.
POS Entry Mode Positions: 158-159 Length: 2 Format: alphanumeric	Description: V.I.P system field that indicates the method by which a point-of-transaction terminal obtains and transmits the cardholder information necessary to complete a transaction. The field must contain a numeric and be left-justified and zero-filled. If the Destination identifier is a Discover identifier, the value must be greater than zero.
Reserved Positions: 160-163 Length: 4 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 central processing date is inserted at the VIC. Incoming: The field will be in the format YDDD .
Reimbursement Attribute Positions: 168 Length: 1 Format: unpacked numeric	Description: Obsolete - must be zero-filled.

TC 59 - TCR 1 - Non-Visa Transaction Detail, Additional Data

These tables contain the Interface Transaction Advice (TC 59) record layout and edit criteria for TCR 1 - Non-Visa Transaction Detail, Additional Data.

CTF - Outgoing and Incoming Interchange

Interface Transaction 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
17-57	41	Group	Data Capture Audit Key
58-69	12	AN	Tip
70-73	4	UN	Merchant Batch Date (MMDD)
74	1	AN	Authorization Source Code
75	1	AN	POS Terminal Capability
76	1	AN	Transaction Entry Mode
77	1	AN	Cardholder ID Method
78-167	90	AN	Reserved
168	1	AN	Non-Visa Payment Indicator

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

Interface Transaction Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 59 .
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 .
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Data Capture Audit Key Positions: 17-57 Length: 41 Format: Group	Description: For processor use.
Agent Positions: 17-22 Length: 6 Format: unpacked numeric	Description: Indicates the settlement agent bank. This field must be numeric and may be zero.
Chain Positions: 23-28 Length: 6 Format: unpacked numeric	Description: Indicates the name of the merchant chain. This field must be numeric and may be zero.
Merchant Number Positions: 29-44 Length: 16 Format: unpacked numeric	Description: Number identifying the merchant. This field must be numeric and greater than zero.

Interface Transaction Advice Edit Criteria

Store Number Positions: 45-48 Length: 4 Format: alphanumeric	Description: The identifying number of the actual merchant store where the transaction occurred. The first position of the field may not be a space.
Terminal Number Positions: 49-52 Length: 4 Format: alphanumeric	Description: Identifies the card acceptor terminal or ATM. The first position of the field may not be a space.
Merchant Batch Positions: 53-57 Length: 5 Format: unpacked numeric	Description: Number assigned by the merchant terminal identifying a particular set of transaction records. The field must contain a numeric greater than zero.
Tip Positions: 58-69 Length: 12 Format: alphanumeric	Description: Amount of tip. The field must be numeric or space-filled. The field contains two implied decimal places.
Merchant Batch Date Positions: 70-73 Length: 4 Format: unpacked numeric	Description: Date on which merchant transmitted the batch to the VIC. The field must contain a valid MMDD .
Authorization Source Code Positions: 74 Length: 1 Format: alphanumeric	Description: This field identifies the source of the authorization obtained. Note: See <i>BASE II Clearing Data Codes</i> for a list of valid codes.

Interface Transaction Advice Edit Criteria

POS Terminal Capability Positions: 75 Length: 1 Format: alphanumeric	<p>Description: Indicates capability of a merchant, acquirer, or cardholder-activated terminal to obtain an authorization and process transaction receipt data. The <i>Visa U.S.A. Operating Regulations</i> refers to these point-of-transaction capability types:</p> <ul style="list-style-type: none">• Authorization-only capability• Data capture-only capability• Electronic Capability• Manual capability• Semi-electronic capability <p>The field must contain a space, 0 through 5, or 9.</p> <p>Values:</p> <p>Space = Not specified 0 = Unknown 1 = No terminal 2 = Magnetic stripe read 3 = Bar code read 4 = OCR read 5 = Reserved for future use 9 = Key entry only, no electronic reading capability</p>
Transaction Entry Mode Positions: 76 Length: 1 Format: alphanumeric	<p>Description: Indicates how the transaction was entered.</p> <p>The field must contain a space, or 0 through 6.</p> <p>Values:</p> <p>Space = Not specified 0 = Terminal not used 1 = Key-entered 2 = Magnetic stripe track 2 3 = Bar code read 4 = OCR read 5 = Reserved for future use 6 = Magnetic stripe track 1</p>

Interface Transaction Advice Edit Criteria

Cardholder ID Method Positions: 77 Length: 1 Format: alphanumeric	Description: Indicates how the cardholder was identified at the terminal. The field must be a space , or 1 through 4 . Values: Space = Not specified 1 = Signature 2 = PIN 3 = Unattended terminal, no PIN pad 4 = Mail/phone order
Reserved Positions: 78-167 Length: 90 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Non-Visa Payment Indicator Positions: 168 Length: 1 Format: alphanumeric	Description: Indicates a non-Visa transaction.

TC 59 - TCR 1 - American Express

These tables contain the Interface Transaction Advice (TC 59) record layout and edit criteria for TCR 1 - American Express (Format Codes 02, 03, 05, 11, 12).

CTF - Outgoing and Incoming Interchange

Interface Transaction 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	Approval Code
11-16	6	AN	Reserved
17-57	41	Group	Data Capture Audit Key
58-69	12	AN	Tip/Cashback

Interface Transaction Advice Record Layout

Position	Field Length	Format	Contents
70-73	4	UN	Merchant Batch Date (MMDD)
74	1	AN	Authorization Source
75	1	AN	POS Terminal Capability
76	1	AN	Transaction Entry Mode
77	1	AN	Cardholder ID Method
78-79	2	AN	Format Code
80-89	10	UN	Service Establishment Number
90-92	3	UN	Invoice Batch Code
93-94	2	UN	Invoice Sub-Code
95-100	6	UN	Process Control ID
101-110	10	AN	Chain Affiliated Property (CAP) Number
111-112	2	AN	Approval Code
113-135	23	AN	Charge Description
136-145	10	AN	Record of Charge (ROC) Number
146-149	4	UN	Expiration Date (MMYY)
150-167	18	AN	Service Establishment City
168	1	AN	Reserved

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

Interface Transaction Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 59 .
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.

Interface Transaction Advice Edit Criteria

Transaction Component Sequence Number Positions: 4 Length: 1 Format: unpacked numeric	Description: The field must contain a 1 .
Approval Code Positions: 5-10 Length: 6 Format: alphanumeric	Description: Contains the authorization code provided by the issuer when the transaction is approved. VIC Edit: This field is not required if the transaction type on the TCR 0 is not 6 . If the transaction type on the TCR 0 is 6 , this field must be space .
Reserved Positions: 11-16 Length: 6 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Data Capture Audit Key Positions: 17-57 Length: 41 Format: Group	Description: For processor use.
Agent Positions: 17-22 Length: 6 Format: unpacked numeric	Description: Indicates the settlement agent bank.
Chain Positions: 23-28 Length: 6 Format: unpacked numeric	Description: Indicates the name of the merchant chain. This field must be numeric and may be zero.
Merchant Number Positions: 29-44 Length: 16 Format: unpacked numeric	Description: Number identifying the merchant. This field must be numeric and greater than zero.
Store Number Positions: 45-48 Length: 4 Format: alphanumeric	Description: The identifying number of the actual merchant store where the transaction occurred. The first position of the field may not be a space.

Interface Transaction Advice Edit Criteria

Terminal Number Positions: 49-52 Length: 4 Format: alphanumeric	Description: The identifying number of the actual terminal where the transaction occurred. The first position of the field may not be a space.
Merchant Batch Positions: 53-57 Length: 5 Format: unpacked numeric	Description: Number assigned by the merchant terminal identifying a particular set of batch records. The field must contain a numeric greater than zero.
Tip/Cashback Positions: 58-69 Length: 12 Format: alphanumeric	Description: Amount of tip or cashback. The field must be numeric or space-filled. The field contains two implied decimal places.
Merchant Batch Date Positions: 70-73 Length: 4 Format: unpacked numeric	Description: Date on which merchant transmitted the batch to the VIC. The field must contain a valid MMDD .
Authorization Source Positions: 74 Length: 1 Format: alphanumeric	Description: This field identifies the source of the Authorization obtained. The field must contain a space , A through Z , or 0 through 9 . Values: 1 = Visa BASE I 3 = Terminal-generated 4 = Referral with manually keyed authorization code 5 = Offline authorization or credit

Interface Transaction Advice Edit Criteria

POS Terminal Capability Positions: 75 Length: 1 Format: alphanumeric	<p>Description: Indicates capability of a merchant, acquirer, or cardholder-activated terminal to obtain an authorization and process transaction receipt data. The <i>Visa U.S.A. Operating Regulations</i> refers to these point-of-transaction capability types:</p> <ul style="list-style-type: none">• Authorization-only capability• Data capture-only capability• Electronic capability• Manual capability• Semi-electronic capability <p>The field must contain a space, 0 through 5, or 9.</p> <p>Values:</p> <p>Space = Not specified 0 = Unknown 1 = No terminal 2 = Magnetic stripe read 3 = Bar code read 4 = OCR read 5 = Reserved for future use 9 = Key entry only, no electronic reading capability</p>
Transaction Entry Mode Positions: 76 Length: 1 Format: alphanumeric	<p>Description: Indicates how the transaction was entered.</p> <p>The field must contain a space, or 0 through 6.</p> <p>Values:</p> <p>Space = Not specified 0 = Terminal not used 1 = Key-entered 2 = Magnetic stripe track 2 3 = Bar code read 4 = OCR read 5 = Reserved for future use 6 = Magnetic stripe track 1</p>

Interface Transaction Advice Edit Criteria

Cardholder ID Method Positions: 77 Length: 1 Format: alphanumeric	Description: Indicates how the cardholder was identified at the terminal. The field must be a space or a number from 1 through 4 . Values are: Space = Not specified 1 = Signature 2 = PIN 3 = Unattended terminal, no PIN pad 4 = Mail/phone order
Format Code Positions: 78-79 Length: 2 Format: alphanumeric	Description: Indicates the type of transaction. VIC Edit: The field must contain a 02, 03, 05, 10, 11, 12, or 20 . Codes 04, 07, and 13 are reserved for future use. Values are: 02, 03, 10, 20 = General Merchandise 05 = Automobile Rental 11 = Lodging 12 = Restaurant
Service Establishment Number Positions: 80-89 Length: 10 Format: unpacked numeric	Description: Identifies the merchant. VIC Edit: The field must contain a valid Service Establishment Number and must pass the modulus-10 check digit routine.
Invoice Batch Code Positions: 90-92 Length: 3 Format: unpacked numeric	Description: Identifies the batch containing the invoices. VIC Edit: The field must be numeric and contain a value greater than zero.
Invoice Sub-Code Positions: 93-94 Length: 2 Format: unpacked numeric	Description: Sub-code indicating invoice batch. VIC Edit: The field must be numeric and may be zeros.
Process Control ID Positions: 95-100 Length: 6 Format: unpacked numeric	Description: Identifies the control record. VIC Edit: The field must be numeric and contain a value greater than zero.

Interface Transaction Advice Edit Criteria

Chain Affiliated Property (CAP) Number Positions: 101-110 Length: 10 Format: alphanumeric	Description: Unique ID identifying the chain. VIC Edit: The field must be space-filled or contain a numeric. If it contains a numeric, it must pass the modulus-10 check digit routine.
Reserved Positions: 111-112 Length: 2 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Charge Description Positions: 113-135 Length: 23 Format: alphanumeric	Description: Description of the charge. VIC Edit: The field cannot be space-filled.
Record of Charge (ROC) Number Positions: 136-145 Length: 10 Format: alphanumeric	Description: Record of charge number. VIC Edit: The field must be space-filled or contain a numeric. If it contains a numeric, it must be right-justified.
Expiration Date Positions: 146-149 Length: 4 Format: unpacked numeric	Description: The expiration date of this record. VIC Edit: The format is MMYY . The field may contain zeros.
Service Establishment City Positions: 150-167 Length: 18 Format: alphanumeric	Description: The location of this merchant.
Reserved Positions: 168 Length: 1 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 59 - TCR 2 - American Express Transaction Detail, General Merchandise

These tables contain the Interface Transaction Advice (TC 59) record layout and edit criteria for TCR 2 - American Express Transaction Detail, General Merchandise (Format Codes 02, 03, and 10).

CTF - Outgoing and Incoming Interchange

Interface Transaction 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	Format Code
19-21	3	UN	Item 1 Quantity
22-36	15	AN	Item 1 Descriptor
37-44	8	UN	Item 1 Unit Price
45-52	8	UN	Item 1 Total Price
53-55	3	UN	Item 2 Quantity
56-70	15	AN	Item 2 Descriptor
71-78	8	UN	Item 2 Unit Price
79-86	8	UN	Item 2 Total Price
87-89	3	UN	Item 3 Quantity
90-104	15	AN	Item 3 Descriptor
105-112	8	UN	Item 3 Unit Price
113-120	8	UN	Item 3 Total Price
121-123	3	UN	Item 4 Quantity
124-138	15	AN	Item 4 Descriptor

Interface Transaction Advice Record Layout

Position	Field Length	Format	Contents
139-146	8	UN	Item 4 Unit Price
147-154	8	UN	Item 4 Total Price
155-160	6	UN	Tax Amount
161-168	8	AN	Reserved

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

Interface Transaction Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 59 .
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 . The record must follow a TCR 1.
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Format Code Positions: 17-18 Length: 2 Format: alphanumeric	Description: Indicates the type of transaction. VIC Edit: The field must contain 02, 03, 10, or 20 . Values: 02, 03, 10, 20 = General Merchandise
Item 1 Quantity Positions: 19-21 Length: 3 Format: unpacked numeric	Description: Quantity of Item 1. VIC Edit: If the field contains a value greater than zero, the Descriptor cannot be space-filled and the Unit Price and Total Price must be greater than zero.

Interface Transaction Advice Edit Criteria

Item 1 Descriptor Positions: 22-36 Length: 15 Format: alphanumeric	Description: Description of Item 1. VIC Edit: If Item 1 Quantity is greater than zero, the field cannot be space-filled.
Item 1 Unit Price Positions: 37-44 Length: 8 Format: unpacked numeric	Description: Unit price of Item 1. VIC Edit: If Item 1 Quantity is greater than zero, the field must contain a value greater than zero. The field contains two implied decimal places.
Item 1 Total Price Positions: 45-52 Length: 8 Format: unpacked numeric	Description: Total price of Item 1 units. VIC Edit: If Item 1 Quantity is greater than zero, the field must contain a value greater than zero. It should equal Quantity multiplied by Unit Price. The field contains two implied decimal places.
Item 2 Quantity Positions: 53-55 Length: 3 Format: unpacked numeric	Description: Quantity of Item 2. VIC Edit: If the Quantity is greater than zero, the Descriptor cannot be space-filled and the Unit Price and Total Price must be greater than zero.
Item 2 Descriptor Positions: 56-70 Length: 15 Format: alphanumeric	Description: Description of Item 2. VIC Edit: If Item 2 Quantity is greater than zero, the field cannot be space-filled.
Item 2 Unit Price Positions: 71-78 Length: 8 Format: unpacked numeric	Description: Unit price of Item 2. VIC Edit: If Item 2 Quantity is greater than zero, the Unit Price must be greater than zero. The field contains two implied decimal places.
Item 2 Total Price Positions: 79-86 Length: 8 Format: unpacked numeric	Description: Total price of Item 2 units. VIC Edit: If Item 2 Quantity is greater than zero, the Total Price must be greater than zero. It should equal Quantity multiplied by Unit Price. The field contains two implied decimal places.
Item 3 Quantity Positions: 87-89 Length: 3 Format: unpacked numeric	Description: Quantity of Item 3. VIC Edit: If this value is greater than zero, the Descriptor cannot be space-filled and the Unit Price and Total Price must be greater than zero.

Interface Transaction Advice Edit Criteria

Item 3 Descriptor Positions: 90-104 Length: 15 Format: alphanumeric	Description: Description of Item 3. VIC Edit: If Item 3 Quantity is greater than zero, the field cannot be space-filled.
Item 3 Unit Price Positions: 105-112 Length: 8 Format: unpacked numeric	Description: Unit price of Item 3. The field contains two implied decimal places.
Item 3 Total Price Positions: 113-120 Length: 8 Format: unpacked numeric	Description: Total price of Item 3 units. VIC Edit: If the Item 3 Quantity is greater than zero, this value must be greater than zero. It should equal Quantity multiplied by Unit Price. The field contains two implied decimal places.
Item 4 Quantity Positions: 121-123 Length: 3 Format: unpacked numeric	Description: Quantity of Item 4. VIC Edit: If the value is greater than zero, the Descriptor cannot be space-filled and the Unit Price and Total Price must be greater than zero.
Item 4 Descriptor Positions: 124-138 Length: 15 Format: alphanumeric	Description: Description of Item 4. VIC Edit: If the Item 4 Quantity is greater than zero, the field cannot be space-filled.
Item 4 Unit Price Positions: 139-146 Length: 8 Format: unpacked numeric	Description: Unit price of Item 4. VIC Edit: If the Item 4 Quantity is greater than zero, the Price must be greater than zero. The field contains two implied decimal places.
Item 4 Total Price Positions: 147-154 Length: 8 Format: unpacked numeric	Description: Total price of Item 4 units. VIC Edit: If the Item 4 Quantity is greater than zero, this value must be greater than zero. It should equal Quantity multiplied by Unit Price. The field contains two implied decimal places.

Interface Transaction Advice Edit Criteria

Tax Amount Positions: 155-160 Length: 6 Format: unpacked numeric	Description: Amount of tax applied. VIC Edit: The field must be numeric and may contain zeros. The field contains two implied decimal places.
Reserved Positions: 161-168 Length: 8 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 59 - TCR 2 - American Express Transaction Detail, Automobile Rental

These tables contain the Interface Transaction Advice (TC 59) record layout and edit criteria for TCR 2 - American Express Transaction Detail, Automobile Rental (Format Code 05).

CTF - Outgoing and Incoming Interchange

Interface Transaction 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	Format Code
19-27	9	AN	Rental Agreement Number
28-35	8	UN	Audit Adjustment
36	1	AN	Audit Adjustment Indicator
37-44	8	AN	Auto Reference Number
45-62	18	AN	Rental City
63-64	2	AN	Rental State
65-70	6	UN	Rental Date (YYMMDD)
71-74	4	UN	Rental Time (HHMM)

Interface Transaction Advice Record Layout

Position	Field Length	Format	Contents
75-92	18	AN	Return City
93-94	2	AN	Return State
95-100	6	UN	Return Date (YYMMDD)
101-104	4	UN	Return Time (HHMM)
105-124	20	AN	Renter Name
125-168	44	AN	Reserved

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

Interface Transaction Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 59 .
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 . The record must follow a TCR 1.
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Format Code Positions: 17-18 Length: 2 Format: alphanumeric	Description: Indicates the type of transaction. VIC Edit: The field must contain 05 (Automobile Rental).

Interface Transaction Advice Edit Criteria

Rental Agreement Number Positions: 19-27 Length: 9 Format: alphanumeric	Description: Number identifying the rental agreement. VIC Edit: The field cannot be space-filled.
Audit Adjustment Positions: 28-35 Length: 8 Format: unpacked numeric	Description: VIC Edit: The field must be numeric and may contain zeros. The field contains two implied decimal places.
Audit Adjustment Indicator Positions: 36 Length: 1 Format: alphanumeric	Description: VIC Edit: The field must contain an A if the Audit Adjustment is greater than zero; otherwise, it must be space-filled.
Auto Reference Number Positions: 37-44 Length: 8 Format: alphanumeric	Description: Contract reference number from rental company. VIC Edit: The field cannot be space-filled or all zeros.
Rental City Positions: 45-62 Length: 18 Format: alphanumeric	Description: Name of city where actual car rental occurred. VIC Edit: The field cannot be space-filled.
Rental State Positions: 63-64 Length: 2 Format: alphanumeric	Description: Name of state where actual car rental occurred. VIC Edit: The field must contain a valid U.S. State Code.
Rental Date Positions: 65-70 Length: 6 Format: unpacked numeric	Description: Date when the actual car rental occurred. VIC Edit: The format is YYMMDD .
Rental Time Positions: 71-74 Length: 4 Format: unpacked numeric	Description: The time when the actual car rental occurred. VIC Edit: The format is HHMM , where: HH = 00 through 23 MM = 00 through 59

Interface Transaction Advice Edit Criteria

Return City Positions: 75-92 Length: 18 Format: alphanumeric	Description: The name of the city to which the rental car was returned. VIC Edit: The field cannot be space-filled.
Return State Positions: 93-94 Length: 2 Format: alphanumeric	Description: The name of the state to which the rental car was returned. VIC Edit: The field must contain a valid U.S. State Code.
Return Date Positions: 95-100 Length: 6 Format: unpacked numeric	Description: The actual date the rental car was returned. This field must contain the Rental Date in the following format: MMDDCCYY The Return Date must be greater than or equal to the Rental Date. VIC Edit: The format is YYMMDD .
Return Time Positions: 101-104 Length: 4 Format: unpacked numeric	Description: The time the rental car was returned. VIC Edit: The format is HHMM , where: HH = 00 through 23 MM = 00 through 59
Renter Name Positions: 105-124 Length: 20 Format: alphanumeric	Description: Name of renter of vehicle. VIC Edit: The field cannot be space-filled.
Reserved Positions: 125-168 Length: 44 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 59 - TCR 2 - American Express Transaction Detail, Lodging

These tables contain the Interface Transaction Advice (TC 59) record layout and edit criteria for TCR 2 - American Express Transaction Detail, Lodging (Format Code 11).

CTF - Outgoing and Incoming Interchange

Interface Transaction 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	Format Code
19-24	6	UN	Tax Amount
25	1	AN	Charge Type
26-31	6	UN	Arrival Date (MMDDYY)
32-37	6	UN	Departure Date (MMDDYY)
38-39	2	UN	Duration of Stay
40	1	AN	Special Program
41-45	5	UN	Room Rate
46-168	123	AN	Reserved

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

Interface Transaction Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 59 .
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 . The record must follow a TCR 1.

Interface Transaction Advice Edit Criteria

Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Format Code Positions: 17-18 Length: 2 Format: alphanumeric	Description: Indicates the type of transaction. VIC Edit: The field must contain 11 (Lodging).
Tax Amount Positions: 19-24 Length: 6 Format: unpacked numeric	Description: Amount of tax applied. VIC Edit: The field must be numeric. The field contains two implied decimal places.
Charge Type Positions: 25 Length: 1 Format: alphanumeric	Description: Type of lodging charge. VIC Edit: The field must contain a 1, 2, or 3 . If the Charge Type is 1 , the Room Rate, Arrival Date, Departure Date, and Duration of Stay fields must all be greater than zero, and the Special Program field must be a space, 2, 3, 4, 5, or 6 . If this field equals 2 or 3 , the Special Program field must be 1 .
Arrival Date Positions: 26-31 Length: 6 Format: unpacked numeric	Description: The date the customer checked into the hotel/lodging, or in the case of a no show or an advance lodging, the scheduled arrival date. VIC Edit: If the Charge Type equals 1 , this field must be a valid date in the format MMDDYY and cannot be greater than the Departure Date. Otherwise, the field must contain zeros.
Departure Date Positions: 32-37 Length: 6 Format: unpacked numeric	Description: The date the guest checked out of the room. The date may be a future one. VIC Edit: If the Charge Type equals 1 , this field must a valid date in the format MMDDYY and must be greater than the Arrival Date. Otherwise, the field must contain zeros.
Duration of Stay Positions: 38-39 Length: 2 Format: unpacked numeric	Description: Length of stay in days. VIC Edit: If the Charge Type equals 1 , this value should equal the number of days between the arrival and departure dates. If those dates are the same, this field should be a 1 . Otherwise, it must contain zeros.
Special Program Positions: 40 Length: 1 Format: alphanumeric	Description: VIC Edit: If the Charge Type is 1 , the field must be a space or contain a 2, 3, 4, 5, or 6 . If the Charge Type is 2 or 3 , it must contain a 1 .

Interface Transaction Advice Edit Criteria

Room Rate Positions: 41-45 Length: 5 Format: unpacked numeric	Description: Daily rate charged for the room/lodging. VIC Edit: If the Charge Type is 1 , the value must be greater than zero. Otherwise, it must be zeros. The field contains two implied decimal places.
Reserved Positions: 46-168 Length: 123 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 59 - TCR 2 - American Express Transaction Detail, Restaurant

These tables contain the Interface Transaction Advice (TC 59) record layout and edit criteria for TCR 2 - American Express Transaction Detail, Restaurant (Format Code 12).

CTF - Outgoing and Incoming Interchange

Interface Transaction 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	Format Code
19-24	6	UN	Tax Amount
25-32	8	AN	Food ID
33-40	8	UN	Food Amount
41-48	8	AN	Beverage ID
49-56	8	UN	Beverage Amount
57-64	8	AN	Tip Recipient Literal 1
65-72	8	UN	Tip Amount 1
73-80	8	AN	Tip Recipient Literal 2

Interface Transaction Advice Record Layout

Position	Field Length	Format	Contents
81-88	8	UN	Tip Amount 2
89-168	80	AN	Reserved

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

Interface Transaction Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 59 .
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 . The record must follow a TCR 1.
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Format Code Positions: 17-18 Length: 2 Format: alphanumeric	Description: Indicates the type of transaction. VIC Edit: The field must contain 12 (Restaurant).
Tax Amount Positions: 19-24 Length: 6 Format: unpacked numeric	Description: Amount of tax applied. VIC Edit: The field must be numeric. The field contains two implied decimal places.

Interface Transaction Advice Edit Criteria

Food ID Positions: 25-32 Length: 8 Format: alphanumeric	Description: Identifies type of food sale. VIC Edit: The field must contain FOOD , FOOD/BEV , or B-MY-GST .
Food Amount Positions: 33-40 Length: 8 Format: unpacked numeric	Description: Amount of the food purchase. VIC Edit: The field must be numeric and right-justified. The field contains two implied decimal places.
Beverage ID Positions: 41-48 Length: 8 Format: alphanumeric	Description: The field must contain BEVERAGE if the Beverage Amount field is greater than zero. It must be space-filled if the Beverage Amount is equal to zero.
Beverage Amount Positions: 49-56 Length: 8 Format: unpacked numeric	Description: Amount of the beverage purchase. VIC Edit: The field must be numeric. The field contains two implied decimal places.
Tip Recipient Literal 1 Positions: 57-64 Length: 8 Format: alphanumeric	Description: Recipient of Tip Amount 1. VIC Edit: If the Tip Amount 1 is greater than zero, the field must contain a constant value such as WAITER or a terminal-provided server number. If the Tip Amount 1 is zero, the field must be space-filled.
Tip Amount 1 Positions: 65-72 Length: 8 Format: unpacked numeric	Description: Amount of tip. VIC Edit: The field must be numeric. The field contains two implied decimal places.
Tip Recipient Literal 2 Positions: 73-80 Length: 8 Format: alphanumeric	Description: Recipient of Tip Amount 2. VIC Edit: If Tip Amount 2 is greater than zero, the field must contain a constant value such as MAITRE D or a terminal-provided server number. If the Tip Amount 2 is zero, the field must be space-filled.

Interface Transaction Advice Edit Criteria

Tip Amount 2 Positions: 81-88 Length: 8 Format: unpacked numeric	Description: Amount of tip. VIC Edit: The field must be numeric. The field contains two implied decimal places.
Reserved Positions: 89-168 Length: 80 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 59 - TCR 2 - American Express Transaction Detail, Insurance Part 1

These tables contain the Interface Transaction Advice (TC 59) record layout and edit criteria for TCR 2 - American Express Transaction Detail, Insurance Part 1 (Format Code 04).

CTF - Outgoing and Incoming Interchange

Interface Transaction 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	Format Code
19-28	10	AN	Policy Number
29-34	6	UN	Tax Amount
35-74	40	AN	Type of Policy
75-114	40	AN	Coverage Dates
115-154	40	AN	Miscellaneous Description 1
155-168	14	AN	Reserved

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

Interface Transaction Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 59 .
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 . The record must follow a TCR 1.
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Format Code Positions: 17-18 Length: 2 Format: alphanumeric	Description: Indicates the type of transaction. The field must contain 59 .
Policy Number Positions: 19-28 Length: 10 Format: alphanumeric	Description: ID number of the insurance policy. VIC Edit: The field cannot be space-filled. For policy numbers greater than 10 positions in length, the remaining digits are placed in the Miscellaneous Description 1 field.
Tax Amount Positions: 29-34 Length: 6 Format: unpacked numeric	Description: Amount of tax applied. VIC Edit: The field must be numeric and may contain zeros. The field contains two implied decimal places.
Type of Policy Positions: 35-74 Length: 40 Format: alphanumeric	Description: Brief description of policy type.

Interface Transaction Advice Edit Criteria

Coverage Dates Positions: 75-114 Length: 40 Format: alphanumeric	Description: Time period the policy covers.
Miscellaneous Description 1 Positions: 115-154 Length: 40 Format: alphanumeric	Description: Details of the insurance policy/coverage.
Reserved Positions: 155-168 Length: 14 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 59 - TCR 2 - American Express Transaction Detail, Insurance Part 2

These tables contain the Interface Transaction Advice (TC 59) record layout and edit criteria for TCR 2 - American Express Transaction Detail, Insurance Part 2 (Format Code 04, Reserved for Future Use).

CTF - Outgoing and Incoming Interchange

Interface Transaction 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	Format Code
19-58	40	AN	Miscellaneous Description 2
59-168	110	AN	Reserved

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

Interface Transaction Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 59 .
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 3 . The record must follow a TCR 2.
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Format Code Positions: 17-18 Length: 2 Format: alphanumeric	Description: Indicates the type of transaction. VIC Edit: The field must contain 04 (Insurance).
Miscellaneous Description 2 Positions: 19-58 Length: 40 Format: alphanumeric	Description: Additional details of the insurance policy/coverage.
Reserved Positions: 59-168 Length: 110 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 59 - TCR 2 - American Express Transaction Detail, Automobile Leasing

These tables contain the Interface Transaction Advice (TC 59) record layout and edit criteria for TCR 2 - American Express Transaction Detail, Automobile Leasing (Format Code 07, Reserved for Future Use).

CTF - Outgoing and Incoming Interchange

Interface Transaction 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	Format Code
19-27	9	AN	Leasing Agreement Number
28-35	8	UN	Total Lease Charge
36	1	AN	Audit Indicator
37-44	8	AN	Auto Reference Number
45-46	2	UN	Current Monthly Payment Number
47-48	2	UN	Total Number of Payment Months
49-66	18	AN	Lease City
67-68	2	AN	Lease State
69-74	6	UN	Lease Date (YYMMDD)
75-78	4	UN	Lease Time (HHMM)
79-96	18	AN	Return City
97-98	2	AN	Return State
99-104	6	UN	Return Date (YYMMDD)
105-108	4	UN	Return Time (HHMM)

Interface Transaction Advice Record Layout

Position	Field Length	Format	Contents
109-128	20	AN	Lessee Name
129-148	20	AN	Car Description
149-163	15	AN	Car ID Number
164-168	5	AN	Reserved

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

Interface Transaction Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 59 .
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 . The record must follow a TCR 1.
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Format Code Positions: 17-18 Length: 2 Format: alphanumeric	Description: Indicates the type of transaction. VIC Edit: The field must contain 07 (Automobile Leasing).
Leasing Agreement Number Positions: 19-27 Length: 9 Format: alphanumeric	Description: The ID number on the automobile leasing agreement. VIC Edit: The field cannot be space-filled.

Interface Transaction Advice Edit Criteria

Total Lease Charge Positions: 28-35 Length: 8 Format: unpacked numeric	Description: A total of all fees listed on the lease. VIC Edit: The field must contain a value greater than zero. This field contains two implied decimal places.
Audit Indicator Positions: 36 Length: 1 Format: alphanumeric	Description: VIC Edit: The field must be a space or contain an A .
Auto Reference Number Positions: 37-44 Length: 8 Format: alphanumeric	Description: Contract reference number from rental company. VIC Edit: The field must contain a value greater than zero and must be right-justified.
Current Monthly Payment Number Positions: 45-46 Length: 2 Format: unpacked numeric	Description: Number of the current monthly payment. For example, this field would contain a 12 if this is the twelfth lease payment out of 36. VIC Edit: The field must be numeric.
Total Number of Payment Months Positions: 47-48 Length: 2 Format: unpacked numeric	Description: Total number of monthly payments.
Lease City Positions: 49-66 Length: 18 Format: alphanumeric	Description: The name of the city where the car was leased. VIC Edit: The field cannot be space-filled.
Lease State Positions: 67-68 Length: 2 Format: alphanumeric	Description: The name of the state where the car was leased. VIC Edit: The field must contain a valid U.S. State Code.
Lease Date Positions: 69-74 Length: 6 Format: unpacked numeric	Description: The date that the car was leased. VIC Edit: The format is YYMMDD .

Interface Transaction Advice Edit Criteria

Lease Time Positions: 75-78 Length: 4 Format: unpacked numeric	Description: Time the lease was signed. VIC Edit: The format is HHMM , where: HH = 00 through 23 MM = 00 through 59
Return City Positions: 79-96 Length: 18 Format: alphanumeric	Description: The city the vehicle was returned to. VIC Edit: The field cannot be space-filled.
Return State Positions: 97-98 Length: 2 Format: alphanumeric	Description: The state to which the vehicle was returned. VIC Edit: The field must contain a valid U.S. State Code.
Return Date Positions: 99-104 Length: 6 Format: unpacked numeric	Description: The date the vehicle was returned. The Return Date must be greater than or equal to the Rental Date.
Return Time Positions: 105-108 Length: 4 Format: unpacked numeric	Description: The time the vehicle was returned. VIC Edit: The format is HHMM , where: HH = 00 through 23 MM = 00 through 59
Lessee Name Positions: 109-128 Length: 20 Format: alphanumeric	Description: The name of the person who holds the lease. VIC Edit: The field cannot be space-filled.
Car Description Positions: 129-148 Length: 20 Format: alphanumeric	Description: Description of the model, year and make of the vehicle.

Interface Transaction Advice Edit Criteria

Car ID Number Positions: 149-163 Length: 15 Format: alphanumeric	Description: Vehicle ID number.
Reserved Positions: 164-168 Length: 5 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 59 - TCR 2 - American Express Transaction Detail, Telephone

These tables contain the Interface Transaction Advice (TC 59) record layout and edit criteria for TCR 2 - American Express Transaction Detail, Telephone (Format Code 13, Reserved for Future Use).

CTF - Outgoing and Incoming Interchange

Interface Transaction 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	Format Code
19-22	4	UN	Time of Call (HHMM)
23-26	4	UN	Duration of Call (HHMM)
27-34	8	AN	Reference CDAR Number
35-52	18	AN	Call From City
53-54	2	AN	Call From State
55-72	18	AN	Call To City
73-74	2	AN	Call To State
75-84	10	AN	From Telephone Number

Interface Transaction Advice Record Layout

Position	Field Length	Format	Contents
85-94	10	AN	To Telephone Number
95	1	AN	Rate Class
96-107	12	AN	Telephone Number 1
108-115	8	AN	Time 1
116-122	7	AN	Cost 1
123-134	12	AN	Telephone Number 2
135-142	8	AN	Time 2
143-149	7	AN	Cost 2
150-168	19	AN	Reserved

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

Interface Transaction Advice Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 59 .
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 . The record must follow a TCR 1.
Reserved Positions: 5-16 Length: 12 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Interface Transaction Advice Edit Criteria

Format Code Positions: 17-18 Length: 2 Format: alphanumeric	Description: Indicates the type of transaction. VIC Edit: The field must contain 13 (Telephone).
Time of Call Positions: 19-22 Length: 4 Format: unpacked numeric	Description: Time the telephone call occurred. VIC Edit: The format is HHMM , where: HH = 00 through 23 MM = 00 through 59
Duration of Call Positions: 23-26 Length: 4 Format: unpacked numeric	Description: Length of call in hours and minutes. VIC Edit: The format is HHMM , where: HH = 00 through 23 MM = 00 through 59
Reference CDAR Number Positions: 27-34 Length: 8 Format: alphanumeric	Description: Unique CDAR reference number.
Call From City Positions: 35-52 Length: 18 Format: alphanumeric	Description: City the call was made from. VIC Edit: The first position of this field cannot be a space.
Call From State Positions: 53-54 Length: 2 Format: alphanumeric	Description: State the call was made from. VIC Edit: The field must contain a valid U.S. State Code.
Call To City Positions: 55-72 Length: 18 Format: alphanumeric	Description: City the call was made to. VIC Edit: The first position cannot be a space.
Call To State Positions: 73-74 Length: 2 Format: alphanumeric	Description: State the call was made to. VIC Edit: The field must contain a valid U.S. State Code.

Interface Transaction Advice Edit Criteria

From Telephone Number Positions: 75-84 Length: 10 Format: alphanumeric	Description: Number the call was made from.
To Telephone Number Positions: 85-94 Length: 10 Format: alphanumeric	Description: Number the call was made to.
Rate Class Positions: 95 Length: 1 Format: alphanumeric	Description: Identifies the rate class used.
Telephone Number 1 Positions: 96-107 Length: 12 Format: alphanumeric	Description: Telephone number. VIC Edit: The format is xxx-xxx-xxxx .
Time 1 Positions: 108-115 Length: 8 Format: alphanumeric	Description: Time of call.
Cost 1 Positions: 116-122 Length: 7 Format: alphanumeric	Description: Cost of call.
Telephone Number 2 Positions: 123-134 Length: 12 Format: alphanumeric	Description: Telephone number, if a second call was made. VIC Edit: The format is xxx-xxx-xxxx .
Time 2 Positions: 135-142 Length: 8 Format: alphanumeric	Description: Time of second call.

Interface Transaction Advice Edit Criteria

Cost 2 Positions: 143-149 Length: 7 Format: alphanumeric	Description: Cost of second call.
Reserved Positions: 150-168 Length: 19 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Chapter 10

TC 90 Header Records

TC 90 - Header Records

Header records are used to identify the tape or file. The transaction formats differ for outgoing and incoming interchange.

TCR 0

CTF and ITF - Outgoing and Incoming Interchange

Multiple File Delivery

Members can receive more than one delivery file during one processing cycle. This can occur under two different conditions.

The multiple files may be continuation files of one transmission. In this case, the Continuation Tape Indicator in the TC 90s of the first file would contain a **space**, and that field in the TC 90s of following files would contain a **C** (indicating continuation). The File Continuation Count Field on all TC 92s except the last would contain **000000**; the TC 92 of the last file would contain the number of files in the transmission.

These files may also be multiple separate files with no continuation relationship. This would, for example, occur when customized delivery services have been selected. In this case, the Continuation Tape Indicator in the TC 90s on the files will be set to a space. The File Continuation Count field on each of the TC 92s would contain **000001**.

TC 90 - TCR 0 - Outgoing CTF

These tables contain the Header (TC 90) record layout and edit criteria for TCR 0 - Outgoing CTF.

CTF - Outgoing Interchange

File Header Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-8	6	AN	Center Information Block (CIB)
9-13	5	UN	Processing Date (YYDDD)
14-29	16	AN	Reserved
30-33	4	AN	Test Option
34-62	29	AN	Reserved
63-70	8	AN	Security Code
71-76	6	AN	Reserved

File Header Record Layout

Position	Field Length	Format	Contents
77-79	3	UN	Outgoing File ID
80-168	89	AN	Reserved

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

File Header Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 90 .
Center Information Block (CIB) Positions: 3-8 Length: 6 Format: alphanumeric	Description: The field can be spaces or the CIB for this processing center. If spaces, the Edit Package will insert the value supplied on the CENTRBIN run control option.
Processing Date Positions: 9-13 Length: 5 Format: unpacked numeric	Description: The date (based on GMT) when the ITF or report in question was generated at a VIC. 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 RUNDATR run control option. The field must be numeric in the format of YYDDDD . The field is for Visa use.
Reserved Positions: 14-29 Length: 16 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Test Option Positions: 30-33 Length: 4 Format: alphanumeric	Description: Indicates whether the file contains production or test data. The field should be space-filled or contain TEST. Note: Values: TEST = Test run Spaces = Production run
Reserved Positions: 34-62 Length: 29 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

File Header Edit Criteria

Security Code Positions: 63-70 Length: 8 Format: alphanumeric	Description: The field can be spaces or the Security Code for this processing center. If spaces, the Edit Package will insert the value supplied on the CENTRCODE run control option.
Reserved Positions: 71-76 Length: 6 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Outgoing File ID Positions: 77-79 Length: 3 Format: unpacked numeric	Description: ID used to identify the outgoing file. The entry must be numeric and can contain zeros or the unique processing center ID number for the file.
Reserved Positions: 80-168 Length: 89 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 90 - TCR 0 - Incoming CTF

These tables contain the Header (TC 90) record layout and edit criteria for TCR 0 - Incoming CTF.

CTF - Incoming Interchange

File Header Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-8	6	UN	Center Information Block (CIB)
9-13	5	UN	Processing Date (YYDDD)
14-19	6	AN	Reserved
20-24	5	UN	Settlement Date (YYDDD)
25-26	2	AN	Reserved
27-29	3	UN	Release Number
30-33	4	AN	Test Option

File Header Record Layout

Position	Field Length	Format	Contents
34-62	29	AN	Reserved
63-70	8	AN	Security Code
71-76	6	AN	Reserved
77-79	3	UN	Incoming File ID
80-168	89	AN	Reserved

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

File Header Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field will contain 90 .
Center Information Block (CIB) Positions: 3-8 Length: 6 Format: unpacked numeric	Description: The field will be the CIB for the processing center.
Processing Date Positions: 9-13 Length: 5 Format: unpacked numeric	Description: The date (based on GMT) when the ITF or report in question was generated at a VIC. 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 RUNDATe run control option. The format is YYDDD .
Reserved Positions: 14-19 Length: 6 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

File Header Edit Criteria

Settlement Date Positions: 20-24 Length: 5 Format: unpacked numeric	Description: This field contains the date for which settlement was performed. The format is CCYYDDD , where CC is the century, YY is the year, and DDD is the Julian day. VisaNet inserts a settlement date in every 01xx, 02xx, 04xx, 05xx, and 06xx message, whether or not that message has impact on settlement totals. Flags in field 9 of the message header identify messages eligible for settlement. Note: In SMS, the settlement date in field 15 has the format mmdd and not yymmdd . The field contains the VIC settlement date (YYDDD) of the run.
Reserved Positions: 25-26 Length: 2 Format: alphanumeric	Description: This field is reserved for future use.
Release Number Positions: 27-29 Length: 3 Format: unpacked numeric	Description: The field will contain the Edit Package release number.
Test Option Positions: 30-33 Length: 4 Format: alphanumeric	Description: The field should be either zero or space-filled or contain TEST .
Reserved Positions: 34-62 Length: 29 Format: alphanumeric	Description: This field is reserved for future use.
Security Code Positions: 63-70 Length: 8 Format: alphanumeric	Description: The field will contain the Security Code for the processing center.
Reserved Positions: 71-76 Length: 6 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

File Header Edit Criteria

Incoming File ID Positions: 77-79 Length: 3 Format: unpacked numeric	Description: The field identifies the CTF subfile number.
Reserved Positions: 80-168 Length: 89 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 90 - TCR 0 - Outgoing ITF

These tables contain the Header (TC 90) record layout and edit criteria for TCR 0 - Outgoing ITF.

ITF - Outgoing Interchange

File Header Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5-10	6	UN	Center Information Block (CIB)
11-15	5	UN	Processing Date (YYDDD)
16	1	AN	Continuation Tape Indicator
17	1	AN	Group Data Indicator
18-21	4	UN	Table File Version Number
22-26	5	UN	Settlement Date (YYDDD)
27-28	2	AN	Reserved
29-31	3	UN	Release Number
32-35	4	AN	Test Option
36	1	AN	Process Option
37-40	4	AN	Reserved
41-46	6	UN	Starting Batch Number
47-64	18	AN	Reserved

File Header Record Layout

Position	Field Length	Format	Contents
65-72	8	AN	Security Code
73	1	AN	Delivery Code
74-78	5	AN	BASE II File Type
79-108	30	AN	BASE II Unique File ID
109-113	5	AN	BASE II Customized Delivery File Type
114-125	12	AN	Source Name
126-137	12	AN	Destination Name
138-170	33	AN	Reserved.

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

File Header Record Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 90 .
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.
Center Information Block (CIB) Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The field must contain the processing center's CIB.
Processing Date Positions: 11-15 Length: 5 Format: unpacked numeric	Description: The date (based on GMT) when the ITF or report in question was generated at a VIC. 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 RUNDATe run control option. The field must be numeric in the format of YYDDDD . The field is for Visa use.

File Header Record Edit Criteria

Continuation Tape Indicator Positions: 16 Length: 1 Format: alphanumeric	Description: Indicates this is the first file of multiple files. Header records are used to identify the file. Members can receive more than one delivery file during one processing cycle. This can occur under two different conditions. The multiple files may be continuation files of one transmission. In this case, the Continuation Tape Indicator in the TC 90s of the first file would contain a space, and that field in the TC 90s of following files would contain a C (indicating continuation). The File Continuation Count Field on all TC 92s except the last would contain 000000 ; the TC 92 of the last file would contain the number of files in the transmission. These files may also be multiple separate files with no continuation relationship. This would, for example, occur when customized delivery services have been selected. In this case the Continuation Tape Indicator in the TC 90s on the files will be set to a space. The File Continuation Count field on each of the TC 92s would contain 000001 . This field must contain a space. For member endpoints that send files directly to VisaNet without an Edit Package, this field is not used and must be set to spaces.
Group Data Indicator Positions: 17 Length: 1 Format: alphanumeric	Description: The field is for Visa use. For member endpoints that send files directly to VisaNet without an Edit Package, this field is not used and must be set to spaces.
Table File Version Number Positions: 18-21 Length: 4 Format: unpacked numeric	Description: This field must contain the Table File Version Number. For member endpoints that send files directly to VisaNet without an Edit Package, this field is not used and must be set to spaces.
Settlement Date Positions: 22-26 Length: 5 Format: unpacked numeric	Description: This field contains the date for which settlement was performed. The format of this date is CCYYDDD , where CC is the century, YY is the year, and DDD is the Julian day. VisaNet inserts a settlement date in every 01xx , 02xx , 04xx , 05xx , and 06xx message, whether or not that message has impact on settlement totals. Flags in field 9 of the message header identify messages eligible for settlement. Note: In SMS, the settlement date in field 15 has the format mmdd and not yymmdd . The field must be numeric in the format of YYDDD . The field is for Visa use. For member endpoints that send files directly to VisaNet without an Edit Package, this field is not used and must be set to spaces.
Reserved Positions: 27-28 Length: 2 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

File Header Record Edit Criteria

Release Number Positions: 29-31 Length: 3 Format: unpacked numeric	Description: This field must contain 300 or 400 . For member endpoints that send files directly to VisaNet without an Edit Package, this field is not used and must be set to spaces.
Test Option Positions: 32-35 Length: 4 Format: alphanumeric	Description: The field must be space-filled or contain TEST . Note: Values: TEST = Test run Space = Production run
Process Option Positions: 36 Length: 1 Format: alphanumeric	Description: Note: For Visa use.
Reserved Positions: 37-40 Length: 4 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Starting Batch Number Positions: 41-46 Length: 6 Format: unpacked numeric	Description: Identifier of the first batch in file. This field must contain the batch number of the first TC 91 on file.
Reserved Positions: 47-64 Length: 18 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Security Code Positions: 65-72 Length: 8 Format: alphanumeric	Description: This field must contain the center's Security Code.
Delivery Code Positions: 73 Length: 1 Format: alphanumeric	Description: Indicates that this is not a delivery. This field must contain a space.

File Header Record Edit Criteria

BASE II File Type Positions: 74-78 Length: 5 Format: alphanumeric	Description: The type of data file that BASE II is sending. For member endpoints that send files directly to VisaNet without an Edit Package, this field is not used and must be set to spaces.																
BASE II Unique File ID Positions: 79-108 Length: 30 Format: alphanumeric	Description: A unique file number used by the Edit Package for history checking. This field is populated by the Edit Package during outgoing runs with these values: <table border="1" style="margin-top: 10px; width: 100%;"> <thead> <tr> <th style="text-align: center;">Positions</th><th style="text-align: center;">Value</th></tr> </thead> <tbody> <tr><td style="text-align: center;">79-84</td><td>Center Information Block (CIB)</td></tr> <tr><td style="text-align: center;">85</td><td>'0'</td></tr> <tr><td style="text-align: center;">86-93</td><td>System or RUNDATE (CCYYMMDD)</td></tr> <tr><td style="text-align: center;">94</td><td>RUNMODE, i.e., (P)roduction or (T)est</td></tr> <tr><td style="text-align: center;">95-98</td><td>RRFF where RR = Run Number and FF = File Number</td></tr> <tr><td style="text-align: center;">99-100</td><td>'00'</td></tr> <tr><td style="text-align: center;">101-108</td><td>Reserved. Defaults to spaces.</td></tr> </tbody> </table>	Positions	Value	79-84	Center Information Block (CIB)	85	'0'	86-93	System or RUNDATE (CCYYMMDD)	94	RUNMODE, i.e., (P)roduction or (T)est	95-98	RRFF where RR = Run Number and FF = File Number	99-100	'00'	101-108	Reserved. Defaults to spaces.
Positions	Value																
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95-98	RRFF where RR = Run Number and FF = File Number																
99-100	'00'																
101-108	Reserved. Defaults to spaces.																
BASE II Unique File ID formatting for members who elect to use the Centralized Edit Package Alternative: <table border="1" style="margin-top: 10px; width: 100%;"> <thead> <tr> <th style="text-align: center;">Positions</th><th style="text-align: center;">Value</th></tr> </thead> <tbody> <tr><td style="text-align: center;">79-84</td><td>Center Information Block (CIB)</td></tr> <tr><td style="text-align: center;">85</td><td>'0'</td></tr> <tr><td style="text-align: center;">86-93</td><td>Processing Date (CCYYMMDD)</td></tr> <tr><td style="text-align: center;">94</td><td>P(production) or T(est)</td></tr> <tr><td style="text-align: center;">95-98</td><td>RRFF where RR = Run Number and FF = File Number</td></tr> <tr><td style="text-align: center;">99-100</td><td>'00'</td></tr> <tr><td style="text-align: center;">101-108</td><td>Reserved. Defaults to spaces.</td></tr> </tbody> </table>		Positions	Value	79-84	Center Information Block (CIB)	85	'0'	86-93	Processing Date (CCYYMMDD)	94	P(production) or T(est)	95-98	RRFF where RR = Run Number and FF = File Number	99-100	'00'	101-108	Reserved. Defaults to spaces.
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95-98	RRFF where RR = Run Number and FF = File Number																
99-100	'00'																
101-108	Reserved. Defaults to spaces.																

File Header Record Edit Criteria

BASE II Customized Delivery File Type Positions: 109-113 Length: 5 Format: alphanumeric	<p>Description: Available to all endpoints is a BASE II customized delivery file for fraud advices (TC 40, Fraud Advice Transactions). Endpoints can receive all fraud advices in a file separate from other incoming interchange.</p> <p>Note: This field is set by Edit Package through control cards for internal Visa users and vendors.</p> <p>For member endpoints that send files directly to VisaNet without an Edit Package, this field is not used and must be set to spaces.</p> <p>Values:</p> <p>Spaces are valid for Undifferentiated or General Deliveries</p> <p>CDC = Central Data Capture File</p> <p>ICS = Issuer Clearing House Services File</p> <p>ICSX = Issuer Clearing House Services expedited source file</p> <p>B1T33 = BASE I TC 33 report</p> <p>B1ADV = BASE I AdvicesC</p> <p>URR = Currency Rates</p> <p>RDMS = Report Distribution Management System</p> <p>NSRPT = Offline National Settlement Reports source file</p> <p>UBFIL = Universal Biller File TC 33s, with TCR 0 UBF ID = UBF</p> <p>EPUPD = Edit Package Update</p> <p>ASRA = Acquirer Services Reports and Advices</p> <p>DBRAW = Debit Raw Data</p> <p>DBRPT = Debit Report source file</p> <p>UKNEG = UK National Negative File</p>
Source Name Positions: 114-125 Length: 12 Format: unpacked numeric	<p>Description: Identifies the endpoint from which this file originated. This field must contain the originating member's CIB followed by the one-digit VIC number.</p> <p>Note: This field must be left-aligned within the field with trailing spaces.</p>
Destination Name Positions: 126-137 Length: 12 Format: alphanumeric	<p>Description: Identifier of the Visa destination. This field must contain BANKCARD, RSI or spaces.</p> <p>Note: This field must be left-aligned within the field with trailing spaces.</p>
Reserved Positions: 138-170 Length: 33 Format: alphanumeric	<p>Description: This field is reserved for future use. EP will always space-fill.</p>

TC 90 - TCR 0 - Incoming ITF

These tables contain the Header (TC 90) record layout and edit criteria for TCR 0 - Incoming ITF.

ITF - Incoming Interchange

File Header Record Layout

Position	Field Length	Format	Contents
1-2	2	UN	Transaction Code
3-4	2	BINARY	Record Hash Total
5-10	6	UN	Center Information Block (CIB)
11-15	5	UN	Processing Date (YYDDD)
16	1	AN	Continuation Tape Indicator
17	1	AN	Group Data Indicator
18-21	4	UN	Table File Version Number
22-26	5	UN	Settlement Date (YYDDD)
27-28	2	AN	Reserved
29-31	3	UN	Release Number
32-35	4	AN	Test Option
36	1	AN	Process Option
37-40	4	AN	Reserved
41-46	6	UN	Starting Batch Number
47-64	18	AN	Reserved
65-72	8	AN	Security Code
73	1	AN	Delivery Code
74-78	5	AN	BASE II File Type
79-108	30	AN	BASE II Unique File ID
109-113	5	AN	BASE II Customized Delivery File Type
114-125	12	AN	Source Name
126-137	12	AN	Destination Name

File Header Record Layout

Position	Field Length	Format	Contents
138-170	33	AN	Reserved.

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

File Header Record Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 90 .
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.
Center Information Block Positions: 5-10 Length: 6 Format: unpacked numeric	Description: The field must contain the processing center's CIB.
Processing Date Positions: 11-15 Length: 5 Format: unpacked numeric	Description: The date (based on GMT) when the ITF or report in question was generated at a VIC. 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 RUNDATe run control option. The field must contain the VIC Processing Date if the Continuation Tape Indicator is C , matching the first TC 90. The field must be numeric in the format of YYDDD .

File Header Record Edit Criteria

Continuation Tape Indicator Positions: 16 Length: 1 Format: alphanumeric	<p>Description: Indicates this is the first file of multiple files.</p> <p>Header records are used to identify the file. Members can receive more than one delivery file during one processing cycle. This can occur under two different conditions.</p> <p>The multiple files may be continuation files of one transmission. In this case, the Continuation Tape Indicator in the TC 90s of the first file would contain a space, and that field in the TC 90s of following files would contain a C (indicating continuation). The File Continuation Count Field on all TC 92s except the last would contain 000000; the TC 92 of the last file would contain the number of files in the transmission.</p> <p>These files may also be multiple separate files with no continuation relationship. This would, for example, occur when customized delivery services have been selected. In this case the Continuation Tape Indicator in the TC 90s on the files will be set to a space. The File Continuation Count field on each of the TC 92s would contain 000001.</p> <p>This field must contain a space or a C (Continuation of transmission).</p> <p>The field must contain a C if the File Continuation Count field on the previous TC 92 is zeros.</p> <p>For more information about this field, see the explanation of Multiple File Delivery.</p> <p>Note: For Visa use.</p>
Group Data Indicator Positions: 17 Length: 1 Format: alphanumeric	<p>Description: For Visa use. The field must contain a space.</p>
Table File Version Number Positions: 18-21 Length: 4 Format: unpacked numeric	<p>Description: This field is not used.</p>
Settlement Date Positions: 22-26 Length: 5 Format: unpacked numeric	<p>Description: This field contains the date for which settlement was performed. The format of the date is CCYYDDD, where CC is the century, YY is the year, and DDD is the Julian day.</p> <p>VisaNet inserts a settlement date in every 01xx, 02xx, 04xx, 05xx, and 06xx message, whether or not that message has impact on settlement totals. Flags in field 9 of the message header identify messages eligible for settlement.</p> <p>Note: In SMS, the settlement date in field 15 has the format mmdd and not yymmdd.</p> <p>The field must be numeric in the format of YYDDD. The field is for the VIC Settlement Date.</p>

File Header Record Edit Criteria

Reserved Positions: 27-28 Length: 2 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Release Number Positions: 29-31 Length: 3 Format: unpacked numeric	Description: This field must contain 300 or 400 .
Test Option Positions: 32-35 Length: 4 Format: alphanumeric	Description: The field must be either zero or space-filled or contain TEST . Values: TEST = Test run Zeros or spaces = Production run
Process Option Positions: 36 Length: 1 Format: alphanumeric	Description: This field will contain a 1 . Note: For Visa use.
Reserved Positions: 37-40 Length: 4 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Starting Batch Number Positions: 41-46 Length: 6 Format: unpacked numeric	Description: Identifier of the first batch in file. This field must contain the batch number of the first TC 91 on file. Note: For Visa use.
Reserved Positions: 47-64 Length: 18 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.
Security Code Positions: 65-72 Length: 8 Format: alphanumeric	Description: This field must contain the center's Security Code.

File Header Record Edit Criteria

Delivery Code Positions: 73 Length: 1 Format: alphanumeric	Description: Indicates that this is a delivery. This field must contain a D for delivery. Note: For Visa use.
BASE II File Type Positions: 74-78 Length: 5 Format: alphanumeric	Description: The type of data file that BASE II is sending. Values: ICRPT = Interchange Report File NONIC = Non-interchange Report File Space = Interchange Data Note: For Visa use.
BASE II Unique File ID Positions: 79-108 Length: 30 Format: alphanumeric	Description: A unique file number used by the Edit package for history checking. The Edit Package uses this field for duplicate file checking.

File Header Record Edit Criteria

BASE II Customized Delivery File Type Positions: 109-113 Length: 5 Format: alphanumeric	<p>Description: Available to all endpoints is a BASE II customized delivery file for fraud advices (TC 40, Fraud Advice Transactions). Endpoints can receive all fraud advices in a file separate from other incoming interchange.</p> <p>Note: Set by BASE II for the customized delivery file type.</p> <p>For Visa use.</p> <p>Values are:</p> <p>Spaces are valid for Undifferentiated or General Deliveries</p> <p>NNSS = National Net Settled transactions</p> <p>RTRN = BASE II Return File</p> <p>REHV2 = TC 04s with reason code HV2</p> <p>READV = TC 04s</p> <p>CDC = Central Data Capture File</p> <p>ICS = Issuer Clearing House Services File</p> <p>ICSX = Issuer Clearing House Services expedited source file</p> <p>B1T33 = BASE I TC 33 report</p> <p>B1ADV = BASE I Advices</p> <p>CURR = Currency Rates</p> <p>RDMS = Report Distribution Management System</p> <p>CRIS = Cardholder Risk Identification Service source file</p> <p>SETLM = TC 46s—machine readable</p> <p>SETLR = Settlement Report</p> <p>SETLP = Printable Settlement Report</p> <p>NSRPT = Offline National Settlement Reports source file</p> <p>UBFIL = Universal Biller File</p> <p>EPUPD = Edit Package Update</p> <p>ASRA = Acquirer Services Reports and Advices</p> <p>DBRAW = Debit Raw Data</p> <p>DBRPT = Debit Reports</p> <p>ATMFC = ATM format conversion credit</p> <p>UKNEG = UK National Negative File</p> <p>ATMFD = ATM format conversion deposit</p> <p>ATMAF = ATM format conversion undifferentiated</p> <p>ISO = ISO formatted</p> <p>POSOR = POS originals (non-ATM)</p> <p>ATMBC = ATM Originated Backoffice Credit</p> <p>ATMBD = ATM Originated Backoffice Deposit</p> <p>ATMBO = ATM Originated Backoffice Items</p>
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File Header Record Edit Criteria

BASE II Customized Delivery File Type (continued) Positions: 109-113 Length: 5 Format: alphanumeric	<p>Note: Values continued:</p> <p>EBFIL = Electronic Bill Payment Presentment ATMOC = ATM Originated Credit ATMOD = ATM Originated Deposit ATMOR = ATM Originated Items BAKOF = Backoffice Items ORIG = Original Drafts NONFI = Nonfinancial Items FINAN = Financial Items FRAUD = TC40 Fraud file NARS = National Application Review Service JNS = Japan National Net Reports UNDIF = Any transactions not chosen for any other delivery file type REWRP = TC33 Daily Points Balance REWRE = TC33 Daily Incremental Enrollment REWME = TC33 Monthly Enrollment Detail OPNFM = TC50 where Service ID = 'OPNFMT' CR3RD = TC50 where Service ID = 'COMMCL' CRLID = TC50 where Service ID = 'CORPCL' LG3RD = TC50 where Service ID = 'COMMLL' LGLID = TC50 where Service ID = 'CORPLL' CRADE = TC50 where Service ID = 'CORPCD' PRCHL = TC50 where Service ID = 'PURCHL' GNLID = TC50 where Service ID = 'COMMXL' CRAD3 = TC50 where Service ID = 'COMMCA' LGAD3 = TC50 where Service ID = 'COMMMA' LGADE = TC50 where Service ID = 'CORPLA' GNADE = TC50 where Service ID = 'COMMXA' PRCHA = TC50 where Service ID = 'PURCHA' CARNT = TC50 where Service ID = 'CORPCA' LODGE = TC50 where Service ID = 'CORPLG' GENER = TC50 where Service ID = 'COMMGN' FLEET = TC50 where Service ID = 'COMFLT' PASID = TC 50s with TCR0 Service Identifier = CORPAI PASIG = TC 50s with TCR0 Service Identifier = COMMAG PASLS = TC 50s with TCR0 Service Identifier = CORPAS PASL3 = TC 50s with TCR0 Service Identifier = COMMAS ASSMT Loyalty - TC10 and TC20</p>
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File Header Record Edit Criteria

BASE II Customized Delivery File Type (continued) Positions: 109-113 Length: 5 Format: alphanumeric	Note: Values continued: ASSMG Loyalty Generic file SWSTK Sweepstakes - TC10 and TC20 SWSTG Sweepstakes Generic File VCMSR = VCMS Responder identifiers
Source Name Positions: 114-125 Length: 12 Format: alphanumeric	Description: Identifies the endpoint from which this file originated. This field will contain BANKCARD , RSI , or spaces . This field will be left-aligned within the field with trailing spaces. Note: For Visa use.
Destination Name Positions: 126-137 Length: 12 Format: alphanumeric	Description: Member delivery identifier. This field will contain the destination member's CIB followed by the one-digit VIC number. This field will be left-justified with trailing spaces. Note: For Visa use.
Reserved Positions: 138-170 Length: 33 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

Chapter 11

TC 91, 92 Batch and File Trailer Records

TC 91, 92 - Batch and File Trailer Records

The Batch Trailer (TC 91) record is used for batch control totals and as a batch boundary indicator at the end of each batch. The File Trailer (TC 92) record is used for file control totals and as an end-of-file (EOF) indicator.

TCR 0

CTF and ITF - Outgoing and Incoming Interchange

For processing through the outgoing Edit Package, a TC 91 and TC 92 are always mandatory, even if the file is otherwise empty.

TC 91, 92 - TCR 0 - CTF

These tables contain the Batch and File Trailer (TC 91, 92) record layout and edit criteria for TCR 0 - CTF.

CTF - Outgoing and Incoming Interchange

Batch and File Trailer 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	Center Information Block (CIB)
11-15	5	UN	Processing Date (YYDDD)
16-30	15	UN	Destination Amount
31-42	12	UN	Number of Monetary Transactions
43-48	6	UN	Batch Number
49-60	12	UN	Number of TCRs
61-66	6	UN	Reserved
67-74	8	AN	Center Batch ID
75-83	9	UN	Number of Transactions
84-101	18	UN	Reserved

Batch and File Trailer Record Layout

Position	Field Length	Format	Contents
102-116	15	UN	Source Amount
117-131	15	UN	Reserved
132-146	15	UN	Reserved
147-161	15	UN	Reserved
162-168	7	AN	Reserved

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

Batch and File Trailer Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 91 or 92 . 91 = Batch Trailer 92 = File Trailer
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).
Center Information Block (CIB) Positions: 5-10 Length: 6 Format: unpacked numeric	Description: A numeric used to identify a financial institution. Outgoing: The field must contain zeros . Incoming: The field contains the CIB of the destination center. Note: The CIB number is supplied by the Edit Package.

Batch and File Trailer Edit Criteria

Processing Date Positions: 11-15 Length: 5 Format: unpacked numeric	<p>Description: Processing Date Field will contain the Batch Trailer VisaNet processing date in the YYDDD Julian date format; for the file trailer (TC 92), the field will contain the BASE II Central Processing Date.</p> <p>Outgoing: The field must contain zeros.</p> <p>Incoming: The field must contain the Batch Trailer VIC processing date in the YYDDD format (Julian date).</p> <p>For the file trailer (TC 92), the field must contain the VIC BASE II Central Processing Date.</p> <p>Note: The Processing Date is supplied by the Edit Package.</p>
Destination Amount Positions: 16-30 Length: 15 Format: unpacked numeric	<p>Description: Submitted transaction amount. This field contains two implied decimal places.</p> <p>Outgoing: The field must contain zeros.</p> <p>Incoming: For the batch trailer (TC 91), the field must contain the sum of transaction destination amounts for the batch. For the file trailer (TC 92), the field must contain the sum of transaction destination amounts for the file.</p>
Number of Monetary Transactions Positions: 31-42 Length: 12 Format: unpacked numeric	<p>Description: This field contains the number of monetary transactions.</p> <p>Batch Trailer: field will contain the count for the batch.</p> <p>File Trailer: field will contain the count for the file.</p>
Batch Number Positions: 43-48 Length: 6 Format: unpacked numeric	<p>Description: Unique identifier of the batch.</p> <p>This field contains the VisaNet-assigned batch number for this message. As each new request or advice is received at VisaNet, the current reconciliation batch number is inserted in this field. When a duplicate message that was previously processed is received at VisaNet, the batch number, and the settlement date in field 15, are set to the value established in the earlier processing.</p> <p>Batch Trailer = Current batch number</p> <p>File Trailer = Count for file</p>
Number of TCRs Positions: 49-60 Length: 12 Format: unpacked numeric	<p>Description: The count includes all TCRs including trailers. TC 90 header records are not included in this count. TC 90 header records can be optionally supplied by the processing center and therefore are not included in this count.</p> <p>Batch Trailer = Count for batch</p> <p>File Trailer = Count for file</p>
Reserved Positions: 61-66 Length: 6 Format: unpacked numeric	<p>Description: This field is reserved for future use. EP will always space-fill.</p>

Batch and File Trailer Edit Criteria

Center Batch ID Positions: 67-74 Length: 8 Format: alphanumeric	Description: Identifier issued by the processing center. Batch Trailer: Outgoing = Processor's Batch ID Incoming = Spaces File Trailer = Spaces
Number of Transactions Positions: 75-83 Length: 9 Format: unpacked numeric	Description: The number includes all transactions including trailers. TC 90 header records are not included in this count. TC 90 header records can be optionally supplied by the processing center and therefore are not included in this count. Batch Trailer = Count for batch File Trailer = Count for file
Reserved Positions: 84-101 Length: 18 Format: unpacked numeric	Description: This field is reserved for future use. EP will always space-fill.
Source Amount Positions: 102-116 Length: 15 Format: unpacked numeric	Description: Identifies the submitted transaction amount in the currency that is appropriate to the source endpoint. The field contains two implied decimal places. Batch Trailer = Sum of transaction source amounts for the batch File Trailer = Sum of transaction source amounts for the file
Reserved Positions: 117-131 Length: 15 Format: unpacked numeric	Description: This field is reserved for future use. EP will always space-fill.
Reserved Positions: 132-146 Length: 15 Format: unpacked numeric	Description: This field is reserved for future use. EP will always space-fill.
Reserved Positions: 147-161 Length: 15 Format: unpacked numeric	Description: This field is reserved for future use. EP will always space-fill.
Reserved Positions: 162-168 Length: 7 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

TC 91, 92 - TCR 0 - ITF

These tables contain the Batch and File Trailer (TC 91, 92) record layout and edit criteria for TCR 0 - ITF.

ITF - Outgoing and Incoming Interchange

Batch and File Trailer 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	Center Information Block (CIB)
13-17	5	UN	Processing Date (YYDDD)
18-32	15	UN	Destination Amount
33-44	12	UN	Number of Monetary Transactions
45-50	6	UN	Batch Number
51-62	12	UN	Number of TCRs
63-68	6	UN	File Continuation Count
69-76	8	AN	Center Batch ID
77-85	9	UN	Number of Transactions
86-103	18	UN	Reserved
104-118	15	UN	Source Amount
119-133	15	UN	Reserved
134-148	15	UN	Reserved
149-163	15	UN	Reserved
164-170	7	AN	Reserved

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

Batch and File Trailer Edit Criteria

Transaction Code Positions: 1-2 Length: 2 Format: unpacked numeric	Description: The field must contain 91 or 92 . Note: 91 = Batch Trailer 92 = File Trailer
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: 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: 6 Length: 1 Format: unpacked numeric	Description: The field must contain a 0 (zero).
Center Information Block (CIB) Positions: 7-12 Length: 6 Format: unpacked numeric	Description: A numeric used to identify a financial institution Outgoing: The field must contain zeros . Incoming: The field must contain the CIB of the destination center. Note: The CIB number is supplied by the Edit Package.
Processing Date Positions: 13-17 Length: 5 Format: unpacked numeric	Description: Processing Date Field will contain the Batch Trailer VisaNet processing date in the YYDDD Julian date format; for the file trailer (TC 92) the field will contain the BASE II Central Processing Date. Outgoing: The field must contain zeros . Incoming: The field must contain the Batch Trailer VIC processing date in the YYDDD format (Julian date). For the file trailer (TC 92), the field must contain the VIC BASE II Central Processing Date. The Processing Date is supplied by the Edit Package.
Destination Amount Positions: 18-32 Length: 15 Format: unpacked numeric	Description: Submitted transaction amount. This field contains two implied decimal places. Outgoing: The field must contain zeros . Incoming: For the batch trailer (TC 91), the field must contain the sum of transaction destination amounts for the batch. For the file trailer (TC 92), the field must contain the sum of transaction destination amounts for the file.

Batch and File Trailer Edit Criteria

Number of Monetary Transactions Positions: 33-44 Length: 12 Format: unpacked numeric	Description: This field contains the number of monetary transactions. Batch Trailer: field will contain the count for the batch. File Trailer: field will contain the count for the file.
Batch Number Positions: 45-50 Length: 6 Format: unpacked numeric	Description: Unique Identifier of the batch. This field contains the VisaNet-assigned batch number for this message. As each new request or advice is received at VisaNet, the current reconciliation batch number is inserted in this field. When a duplicate message that was previously processed is received at VisaNet, the batch number, and the settlement date in field 15, are set to the value established in the earlier processing. Batch Trailer = Current batch number File Trailer = Count for file
Number of TCRs Positions: 51-62 Length: 12 Format: unpacked numeric	Description: The count includes all TCRs including trailers. TC 90 header records are not included in this count. Batch Trailer = Count for batch File Trailer = Count for file
File Continuation Count Positions: 63-68 Length: 6 Format: unpacked numeric	Description: The field should contain six numeric characters, indicating the number of files transmitted. Preceding files will have the value zero in this field. For more information about this field, see the explanation of Multiple File Delivery.
Center Batch ID Positions: 69-76 Length: 8 Format: alphanumeric	Description: Identifier issued by the processing center. Batch Trailer: Outgoing = Processor's batch ID Incoming = Spaces File Trailer = Spaces
Number of Transactions Positions: 77-85 Length: 9 Format: unpacked numeric	Description: The number includes all transactions including trailers. TC 90 header records are not included in this count. TC 90 header records can be optionally supplied by the processing center and therefore are not included in this count. Batch Trailer = Count for batch File Trailer = Count for file
Reserved Positions: 86-103 Length: 18 Format: unpacked numeric	Description: This field is reserved for future use. EP will always space-fill.

Batch and File Trailer Edit Criteria

Source Amount Positions: 104-118 Length: 15 Format: unpacked numeric	Description: Identifies the submitted transaction amount in the currency that is appropriate to the source endpoint. The field contains two implied decimal places. Batch Trailer = Gross total of all transaction source amounts in the batch for financial transactions File Trailer = Gross total of all transaction source amounts in the file for financial transactions
Reserved Positions: 119-133 Length: 15 Format: unpacked numeric	Description: This field is reserved for future use. EP will always space-fill.
Reserved Positions: 134-148 Length: 15 Format: unpacked numeric	Description: This field is reserved for future use. EP will always space-fill.
Reserved Positions: 149-163 Length: 15 Format: unpacked numeric	Description: This field is reserved for future use. EP will always space-fill.
Reserved Positions: 164-170 Length: 7 Format: alphanumeric	Description: This field is reserved for future use. EP will always space-fill.

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	An issuer-assigned payment credential that identifies an account in order to post a transaction.
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	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: <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.
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.
BankB Identification Number (BIN)	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. 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.
BASE II Center Information Block (CIB)	Numeric value used to define the processor/settlement entity for BASE II endpoints.
BASE II CIB	See BASE II Center Information Block (CIB).
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. This is a deprecated term. See current, VID Table File.
card	A payment card, digital application, or other device or solution that provides access to a payment credential and that is capable of conducting a transaction, is issued by an issuer, and may bear one of the Visa-owned marks.
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) or Card Personalization Specification (CPS).
CRB	See Card Recovery Bulletin (CRB).
Credit Card	In the AP, CEMEA, LAC, Europe, and US Regions: A card linked to a secured or unsecured open-ended credit account, including revolving or non-revolving consumer, business, or commercial credit or charge accounts, or a credit account or equivalent as defined under applicable laws or regulations. An account is not a credit account if the credit results from the incidental extension of credit, such as overdraft or minimum balance protection or similar services. In the Canada Region: A card other than a Visa Debit Category Card. Glossary Definition: A plastic card with an account number assigned by an issuer to a cardholder. This card, which has a credit limit, can be used to purchase goods and services and to get cash. The issuing institution bills the cardholder every month for repayment of the credit extended. The cardholder repays the issuer in full every month or on an installment basis, with a minimum amount due.
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.)
debit card	A card linked to a demand deposit account, checking account, current account, negotiable order of withdrawal account, or savings account held at a financial institution, or a debit account or equivalent, as defined under applicable laws or regulations.
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.
EAS	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 (EP)	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 RUNDATE 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 (ICC)	A plastic card embedded with a silicon chip that has greater storage capabilities than a magnetic stripe. This allows 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)	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. 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.
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 BIN	Numeric value used to identify the issuing institution.
issuing identifier	A numeric value used to define issuing processing. Multiple Issuing BINs can be linked to the same Issuing Identifier in Visa's systems.
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.
mark	A word, name, design, symbol, distinctive sign, animation, sound, haptic, other designation, or any combination thereof, that Visa or any entity adopts to identify its goods or services.
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 (MMF)	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 (OIF)	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.

payment credential	A number or other credential that identifies an account of a cardholder for use in a transaction.
Plus	An automatic teller machine (ATM) network to which Visa members have access.
Plus Identifier File	A file containing Plus table update records that is created through incoming Edit Package processing for all members subscribing to the Plus ATM system. The Plus Table contains identifier numbers of Plus card issuers.
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.
prepaid card	A card linked to a reloadable or non-reloadable pre-funded account, or a prepaid account or equivalent as defined under applicable laws or regulations.
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)	<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. <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.
STIP	See Stand-In Processor (STIP).
stored credential	Information (including, but not limited to, a payment credential) that is stored by a merchant or its agent, a payment facilitator, or a staged digital wallet operator to process future transactions.
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.
token	A type of payment credential issued in accordance with the <i>EMV Payment Tokenization Specification</i> .
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 payment credential to make a payment or otherwise exchange value between a cardholder (or an issuer) and a merchant (or an acquirer).</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).
VID Table	See Visa Identifier (VID) Table.
VID Table File	The permanent file for a VID table, which is used to control the accuracy of Edit Package processing. The table contains all valid Acquiring/Issuing identifiers and their BASE II processing status codes.
Visa card	A card that bears the Visa brand mark.

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 Identifier (VID) Table	Visa Identifier (VID) table, formally known as BIN table.
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.