



# **BASE II Clearing Interchange Formats, TC 50 to TC 92**

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**BASE II CLEARING**

Effective: 16 Apr 2011



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## About This Manual

The *BASE II Clearing Interchange Formats* manuals—which consist of two volumes, *TC 01 to TC 48* and *TC 50 to TC 92*—describe transaction records and the edit criteria applied to each field of a record. The manuals are intended for programmers, system analysts, and technical managers responsible for member or processor pre- and post-edit programs and the BASE II Edit Package.

### ORGANIZATION OF THIS MANUAL

This manual is organized as follows:

**Chapter 1, Interchange Files and Transaction Formats** describes the CTF and ITF as they relate to Edit Package and BASE II processing. It also describes how to read and interpret the information provided in the field edit criteria for each record.

A chapter for each BASE II transaction code (TC) provides the record layout and field edit criteria for each transaction component record (TCR) in that transaction. Each chapter is labeled with the TC number.

The **Glossary** provides definitions for BASE II and Visa terms and acronyms.

The **Field Index** provides page references to all field names within the BASE II transactions.

This documentation set also includes a **Quick Reference Card** that lists all the BASE II transactions.

### REFERENCE DOCUMENTATION

The *BASE II Clearing Interchange Formats* manual is part of the BASE II Clearing System documentation series. Refer to the documents listed below for more information on BASE II and VisaNet.

#### NOTE

*Edit Package Release 4.0 software and manuals are available effective August 2010. All acquirers, issuers and processors must convert to Edit Package, Release 4.0, by April 2012. During the migration period from Release 3.0 to Release 4.0, manuals for both releases are supported.*

- *BASE II Clearing Data Codes*
- *BASE II Clearing Edit Package (Release 3) Messages*
- *BASE II Clearing Edit Package (Release 4.0) Messages*
- *BASE II Clearing Edit Package (Release 3) Reports*
- *BASE II Clearing Edit Package (Release 4.0) Reports*
- *BASE II Clearing PC Edit Package for Windows (Release 3.04) User's Guide*
- *BASE II Clearing PC Edit Package for Windows (Release 4.0) User's Guide*
- *BASE II Clearing PC Edit Package (Release 3) Operations Guide*
- *BASE II Clearing PC Edit Package (Release 4.0) Operations Guide*
- *BASE II Clearing Reports*

- *BASE II Clearing VML Developer's Handbook*
- *BASE II Clearing VML Formats*
- *Card Recovery Bulletin User's Guide*
- *VCRFS Processing Manual*
- *Fraud Reporting System User's Manual*
- *Issuer's Clearinghouse Service User's Manual*
- *Merchant Performance Reporting User's Guide*
- *National Merchant Alert Service User's Guide*
- *Visa U.S.A. Merchant Data Manual*
- *Visa International Operating Regulations*
- *Operating Regulations of the six Visa regions*

# Interchange Files and Transaction Formats

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## 1.1 INTERCHANGE FILES

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

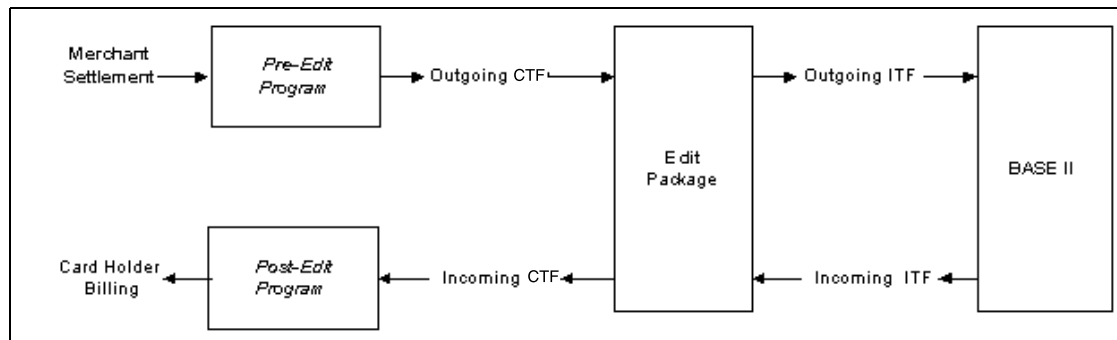
CTFs are used as the interface between the member's own pre- and post-edit programs and the Edit Package.

- 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 will then be 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 BIN and Center Security Codes.

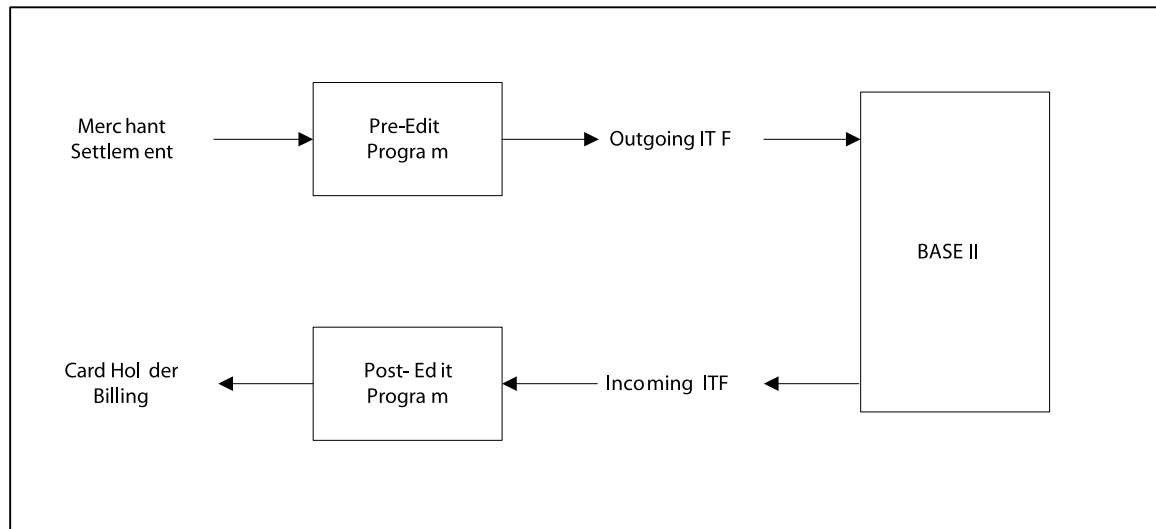
**Figure 1-1 Interchange Processing Flow**



A member also has the option to exchange ITFs directly with BASE II without using the Edit Package application. Refer to the *Centralized Edit Package Alternative Member Implementation Guide* for details.

Figure 1-2 illustrates the alternative processing flow:

- Outgoing ITFs are created and sent directly by the member to the VIC.
- Incoming ITFs are created and sent directly by the VIC to the member.

**Figure 1-2 Interchange Processing Flow Without Edit Package**

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

## 1.2 CENTER TRANSACTION FILES

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

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

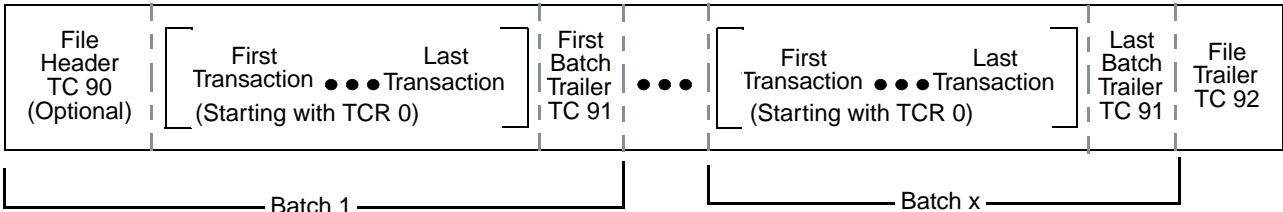
The Edit Package considers a transaction complete when either or both of the following conditions are encountered:

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



The transactions are stored in the CTF in batches. Transactions within each batch do not have to be in any particular order, and a batch may contain multiple source BINs. [Figure 1-3](#) illustrates the CTF structure.

**Figure 1-3 CTF Structure**



The TC 90 Header Record contains the Center BIN and Security Code, 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.

### 1.2.1 Outgoing CTF

The outgoing Edit Package CTF has a batch record capacity of 999; however, centers can modify this to allow for up to 3,300 records in a batch if their 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 Trainer) 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.

### 1.2.2 Incoming CTF

The number of batches in an incoming CTF is determined by the VIC. Incoming batches are not sorted and distributed by destination BIN; batches may contain transactions for multiple BINs processed by the same processing center.

## 1.3 INTERCHANGE TRANSACTION FILES

Interchange Transaction Files are sequential, fixed block size EBCDIC files. ITF transaction records are 170 positions in length, and are identical to 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.

### 1.3.1 Outgoing ITF

Outgoing 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 as well as the batch and file trailers.

If a member chooses not to use the Edit Package application, an ITF will be 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. Refer to the *Centralized Edit Package Alternative Member Implementation Guide* for details.

### 1.3.2 Incoming ITF

Incoming 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 CTFs. Depending on Edit Package run control options, the incoming ITF can be split by ARDEF range, Destination BIN, Card Type, 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 will be in CTF format and contain 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 will receive an ITF directly from the VIC without Edit Package processing. This processing programs. Refer to the *Centralized Edit Package Alternative Member Implementation Guide* for details.

## 1.4 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 ITF into several CTFs, setting run- or item-level tolerance checking limits, and establishing duplicate batch detection settings.

For more information on how the Edit Package governs CTFs and ITFs, including procedures for run control options, setting run- or item-level tolerance checking limits, and establishing duplicate batch detection settings, refer to:

- *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*

## 1.5 BYPASS BUSINESS EDITS OPTION

During an outgoing edit run, the majority of the business edits can be optionally Bypassed. However, all of the edits and processing that are necessary to insure file integrity and correct Edit Package processing, are always performed. Therefore, when the Bypass Business Edits option is used, unless indicated, the Edit Package does not perform the edits documented in this manual during an outgoing edit run. Business edits in this manual that will still be performed when the Bypass Business Edits option is used will have the following 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."

### NOTE

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

For release 3, refer to the EXTENSIONS run control option in the *BASE II Clearing Edit Package (Release 3) Operations Guide* for more information on this and other run control options.

For release 4.0, refer to the VALIDATE run control option in the *BASE II Clearing Edit Package (Release 4.0) Operations Guide* for more information on this and other run control options.

Refer to the *BASE II Clearing Edit Package (Release 3) Messages* or *BASE II Clearing Edit Package (Release 4.0) Messages* for the error message that can still be received when the Bypass Business Edits option is used.

## 1.6 TRANSACTION CODES PRINT/PASS SUMMARY

Table 1-1 lists the BASE II transaction codes with their Edit Package print/pass run control option defaults. Where print or pass options do not apply, n/a (not applicable) is entered.

The print/pass run control options determine which incoming transactions are to be written (passed) to the Center Transaction File (CTF) and which outgoing and incoming transactions are to be printed. The system defaults shown in Table 1-1 can be overridden through the use of Edit Package run control options. For outgoing runs, the print options are:

Edit Package Release 3:

- 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.

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

Edit Package Release 4.0:

- 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.

Refer to the *BASE II Clearing Edit Package (Release 4.0) Operations Guide* for more information on these and other run control options.

**Table 1-1 BASE II Transaction Codes With Edit Package Option Defaults**

Transaction Code and Type	Financial Transaction	Incoming/ Outgoing	Outgoing Print Default	Incoming	
				Print Default	Pass Default
00: Short Block	No	I	n/a	No Print	No Pass
01: Returned Credit	Yes	I	n/a	Print	No Pass

**Table 1-1 BASE II Transaction Codes With Edit Package Option Defaults (continued)**

Transaction Code and Type	Financial Transaction	Incoming/ Outgoing	Outgoing Print Default	Incoming	
				Print Default	Pass Default
02: Returned Debit	Yes	I	n/a	Print	No Pass
03: Returned Nonfinancial	No	I	n/a	Print	No Pass
04: Reclassification Advice Transaction	No	I	n/a	Print	No Pass
05: Sales Draft or Re-presentment	Yes	I/O	No Print	No Print	Pass <sup>1</sup>
06: Credit Voucher	Yes	I/O	No Print	No Print	Pass <sup>1</sup>
07: Cash Disbursement	Yes	I/O	No Print	No Print	Pass <sup>1</sup>
09: Money Transfer	Yes	I/O	No Print	No Print	Pass <sup>1</sup>
10: Fee Collection	Yes	I/O	No Print	No Print	Pass <sup>1</sup>
15: Sales Draft Chargeback	Yes	I/O	No Print	No Print	Pass <sup>1</sup>
16: Credit Voucher Chargeback	Yes	I/O	No Print	No Print	Pass <sup>1</sup>
17: Cash Disbursement Chargeback	Yes	I/O	No Print	No Print	Pass <sup>1</sup>
19: Money Transfer	Yes	I/O	No Print	No Print	Pass <sup>1</sup>
20: Funds Disbursement	Yes	I/O	No Print	No Print	Pass <sup>1</sup>
25: Sales Draft Reversal	Yes	I/O	No Print	No Print	Pass <sup>1</sup>
26: Credit Voucher Reversal	Yes	I/O	No Print	No Print	Pass <sup>1</sup>
27: Cash Disbursement Reversal	Yes	I/O	No Print	No Print	Pass <sup>1</sup>
30: ICS Input	No	O	No Print	n/a	n/a
31: ICS Response Transaction File	No	I	n/a	No Print	Pass
32: NMAS Requests and Responses	No	I/O	No Print	No Print	Pass
33: Multipurpose Message Transactions	No	I	n/a	Print	No Pass
35: Sales Draft Chargeback Reversal	Yes	I/O	No Print	No Print	Pass <sup>1</sup>
36: Credit Voucher Chargeback Reversal	Yes	I/O	No Print	No Print	Pass <sup>1</sup>
37: Cash Disbursement Chargeback Reversal	Yes	I/O	No Print	No Print	Pass <sup>1</sup>
38: Copy Request Service/ Chargeback Documentation Automation Service Message	No	I/O	No Print	No Print	Pass
39: Automated Copy Fulfillment	No	I/O	No Print	No Print	Pass
40: Fraud Advice	No	I/O	No Print	n/a	n/a
42: Merchant File Update	No	O	No Print	n/a	n/a
43: Merchant File Update	No	O	No Print	n/a	n/a
44: Collection Batch Acknowledgment	No	I	n/a	No Print <sup>1</sup>	No Pass <sup>1</sup>
45: General Delivery Report	No	I	n/a	n/a <sup>2</sup>	No Pass
46: Member Settlement Data	No	I	n/a	No Print	Pass

**Table 1-1 BASE II Transaction Codes With Edit Package Option Defaults (continued)**

Transaction Code and Type	Financial Transaction	Incoming/ Outgoing	Outgoing Print Default	Incoming	
				Print Default	Pass Default
47: Report Generation	No	I	n/a	n/a <sup>2</sup>	No Pass
48: BASE I Advice	No	I	n/a	Print	No Pass
50: Free Text Message	No	I/O	No Print	Print	No Pass
51: Request for Original Paper	No	I/O	No Print	Print	No Pass
52: Request for Photocopy or Substitute Draft	No	I/O	No Print	Print	No Pass
53: Photocopy/Original Mailing Confirmation	No	I/O	No Print	Print	No Pass
54: Table Update Data	No	I	n/a	Print	No Pass <sup>1</sup>
55: RCRF Update	No	I	n/a	Print	No Pass
56: Currency Conversion Rate Update	No	I	n/a	Print	No Pass
57: Data Capture Transaction Advice	No	I/O	No Print	No Print	Pass
58: National Settlement Advice	No	I/O	Print	Print	Pass
59: Interface Transaction Advice	No	I/O	No Print	No Print	Pass
90: File Header	No	I/O	No Print	No Print	n/a <sup>3</sup>
91: Batch Trailer	No	I/O	No Print	No Print <sup>1</sup>	Pass <sup>1</sup>
92: File Trailer	No	I/O	No Print	No Print <sup>1</sup>	Pass <sup>1</sup>

1. The default value cannot be changed.
2. These reports are produced automatically and are not applicable for the TCINPRT and TCNOINPRT run control options.
3. These transactions are controlled by the WRITEHEADR run control option and are not applicable for the TCPASS and TCNOPASS run control options.

## 1.7 TRANSACTION FORMATS

Each section of this manual starts with a summary of the transaction's purpose as well as any requirements for specific TCRs. This is followed by a one-page summary of the transaction's TCR O layout, then the field descriptions and edit criteria. The edit criteria include the field title, byte position, field length, and format of each field. Any other TCRs for that transaction follow the TCR O.

### 1.7.1 Data Content Information

The following are general guidelines for information in BASE II transactions:

- 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 (").
- Numeric fields should be unpacked numeric (UN).

### 1.7.2 How To Read the 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. Unless an edit criterion is identified by a subheading as one of the following categories, assume it to be universally applicable.
- **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-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.

An example of a field edit accompanied by explanatory notes is shown in [Figure 1-4](#).

**Figure 1-4** Field Edit Criteria Example

<p><b>POS Terminal Capability</b> Position: 158 Length: 1 Format: alphanumeric</p> <p>Universal edit applicable to all transactions</p> <p>Note applicable universally</p> <p>Edit applicable only to CPS participating countries</p> <p>National edit applicable only to the U.S.</p> <p>VIC Edit applicable only to the U.S.</p> <p>Universal edits and notes applying only to representments, chargebacks</p>	<p><b>Description:</b> Indicates the capability of the Point-of-Sale (POS) terminal (for example, terminal was not used, terminal can read magnetic stripe, terminal can read chip, etc.) The field must contain a space, 0 through 5, 8, or 9. Refer to the <i>BASE II Clearing Data Codes</i> manual for a list of valid codes.</p> <p><b>Note:</b> Please refer to the <i>BASE II Clearing Data Codes</i> manual for a list of valid codes.</p> <p><b>For CPS Participating Countries:</b> 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.</p> <p><b>National—U.S.:</b> EIRF originals and their reversals must contain 0 through 5, 8, or 9. EIRF credit vouchers may contain a space. Contactless original transactions must contain 8.</p> <p><b>VIC Edit, National—U.S.:</b> EPS and Supermarket originals and reversals must contain 2 through 5, 8, or 9.</p> <hr/> <p><b>Representments, Chargebacks</b> The entry is not required, but if it is present it must be a valid value.</p>
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## Text Message Transactions

### 50.1 TC 50—TEXT MESSAGE TRANSACTIONS

TCR 0

CTF – Outgoing and Incoming Interchange

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

## TC 50

## TCR 0

## CTF – Outgoing and Incoming Interchange

## 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 BIN
11–16	6	UN	Source BIN
17–22	6	AN	Reserved
23–129	107	AN	Text
130–167	38	AN	Reserved
168	1	AN	Reimbursement Attribute

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

## TC 50

## TCR 0

## CTF – Outgoing and Incoming Interchange

## Text Message Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> This field must contain a 50.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN from which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Reserved</b> Positions: 17–22 Length: 6 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Text</b> Positions: 23–129 Length: 107 Format: alphanumeric	<b>Description:</b> The text in the field is followed by spaces.
<b>Reserved</b> Positions: 130–167 Length: 38 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Reimbursement Attribute</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete – must be zero-filled.

## TC 50

## TCR 0 — COMMERCIAL CARD – PASSENGER ITINERARY DATA

## CTF – Outgoing and Incoming Interchange

## 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 BIN
11–16	6	UN	Source BIN
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
167	1	AN	Reserved
168	1	AN	Reimbursement Attribute

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

## TC 50

## TCR 0 — COMMERCIAL CARD – PASSENGER ITINERARY DATA

## CTF – Outgoing and Incoming Interchange

## Text Message Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> This field must contain a 50.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN from which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Service Identifier</b> Positions: 17–22 Length: 6 Format: alphanumeric	<b>Description:</b> 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.
<b>Message Identifier</b> Positions: 23–37 Length: 15 Format: alphanumeric	<b>Description:</b> This field contains the Primary Ticket number (13 positions), left-justified, followed by two spaces.  <b>VIC Edit:</b> This field cannot be zeros or spaces or two spaces followed by all zeros.
<b>Item Sequencing Field</b> Positions: 38–41 Length: 4 Format: unpacked numeric	<b>Description:</b> This field contains the current and total number of records for this transaction. Format is XYY, where XX is the current record and YY is the total number of records.
<b>Account Number</b> Positions: 42–57 Length: 16 Format: unpacked numeric	<b>Description:</b> 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.  <b>VIC Edit:</b> 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.

## Text Message Edit Criteria (continued)

<b>Account Number Extension</b> Positions: 58–60 Length: 3 Format: unpacked numeric	<b>Description:</b> 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.
<b>Passenger Name</b> Positions: 61–80 Length: 20 Format: alphanumeric	<b>Description:</b> Name of the passenger using the ticket. This entry should be left-justified.
<b>Total Fare Amount</b> Positions: 81–92 Length: 12 Format: unpacked numeric	<b>Description:</b> Total amount of passenger's fare. This field must be numeric and may contain zeros. Two decimal places are implied.
<b>Total Tax Amount</b> Positions: 93–104 Length: 12 Format: unpacked numeric	<b>Description:</b> Tax amount on purchase. This field must be numeric and may contain zeros. Two decimal places are implied.
<b>National Tax Amount</b> Positions: 105–116 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Total Fee Amount</b> Positions: 117–128 Length: 12 Format: unpacked numeric	<b>Description:</b> Amount of fee. This field must be numeric and may contain zeros. Two decimal places are implied.
<b>Currency Code</b> Positions: 129–131 Length: 3 Format: alphanumeric	<b>Description:</b> Indicates the type of currency. This field should contain a valid currency ISO numeric code.
<b>Exchange Ticket Number</b> Positions: 132–144 Length: 13 Format: alphanumeric	<b>Description:</b> Number of exchanged ticket. This field should be left-justified.
<b>Exchange Ticket Amount</b> Positions: 145–156 Length: 12 Format: unpacked numeric	<b>Description:</b> Amount of exchanged ticket. This field must be numeric and may contain zeros. Two decimal places are implied.
<b>Travel Agency Code</b> Positions: 157–164 Length: 8 Format: alphanumeric	<b>Description:</b> 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.
<b>Internet Indicator</b> Positions: 165 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates if this is an Internet transaction.  Valid values are: Y = Yes N = No

**Text Message Edit Criteria (continued)**

<b>Electronic Ticket Indicator</b> Positions: 166 Length: 1 Format: alphanumeric	<b>Description:</b> This field will contain a value to indicate that the ticket was purchased electronically.
<b>Reserved</b> Positions: 167 Length: 1 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Reimbursement Attribute</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete – must be zero-filled.

# TCR 0 —COMMERCIAL CARD – PASSENGER ITINERARY DATA – LEG-SPECIFIC

## TC 50

### TCR 0 — COMMERCIAL CARD – PASSENGER ITINERARY DATA – LEG-SPECIFIC

#### CTF – Outgoing and Incoming Interchange

#### 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 BIN
11–16	6	UN	Source BIN
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	Reimbursement Attribute

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



# TCR 0 —COMMERCIAL CARD – PASSENGER ITINERARY DATA – LEG-SPECIFIC

## TC 50

### TCR 0 — COMMERCIAL CARD – PASSENGER ITINERARY DATA – LEG-SPECIFIC

#### CTF – Outgoing and Incoming Interchange

#### Text Message Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> This field must contain a 50.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN from which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Service Identifier</b> Positions: 17–22 Length: 6 Format: alphanumeric	<b>Description:</b> 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.
<b>Message Identifier</b> Positions: 23–37 Length: 15 Format: alphanumeric	<b>Description:</b> This field contains the Primary Ticket number (13 positions), left-justified, followed by two spaces.  <b>VIC Edit:</b> This field cannot be zeros or spaces or two spaces followed by all zeros.
<b>Item Sequencing Field</b> Positions: 38–41 Length: 4 Format: unpacked numeric	<b>Description:</b> 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.
<b>Conjunction Ticket Number</b> Positions: 42–54 Length: 13 Format: alphanumeric	<b>Description:</b> The primary ticket number for the first four legs of the trip. This field should be left-justified.

## Text Message Edit Criteria (continued)

<b>Trip Leg 1 Information</b> Positions: 55–97 Length: 43 Format: group	<b>Description:</b> Description of the first leg of the trip.
<b>Coupon Number</b> Positions: 55 Length: 1 Format: unpacked numeric	<b>Description:</b> Number of coupons in the ticket. Valid values are 1, 2, 3, or 4.
<b>Carrier Code</b> Positions: 56–57 Length: 2 Format: alphanumeric	<b>Description:</b> Carrier identification.
<b>Flight Number</b> Positions: 58–62 Length: 5 Format: alphanumeric	<b>Description:</b> Number of the airline flight.
<b>Service Class</b> Positions: 63–64 Length: 2 Format: alphanumeric	<b>Description:</b> Class of service (first class, business class etc.)
<b>Origination City/Airport Code</b> Positions: 65–69 Length: 5 Format: alphanumeric	<b>Description:</b> Indicates origination city's airport code.
<b>Stop-Over Code</b> Positions: 70 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates whether a stop-over is allowed on this ticket.  Valid values are: O = Stop-Over allowed X = Stop-Over not allowed
<b>Destination City/Airport Code</b> Positions: 71–75 Length: 5 Format: alphanumeric	<b>Description:</b> Indicates destination city's airport code.
<b>Fare Basis Code</b> Positions: 76–83 Length: 8 Format: alphanumeric	<b>Description:</b> Indicates the class of airline ticket (first class, business class etc.).
<b>Departure Date</b> Positions: 84–89 Length: 6 Format: unpacked numeric	<b>Description:</b> The date the flight is scheduled to depart. The format for this field is MMDDYY.

# TCR 0 —COMMERCIAL CARD

## – PASSENGER ITINERARY DATA – LEG-SPECIFIC

### Text Message Edit Criteria (continued)

<b>Departure Time</b> Positions: 90–93 Length: 4 Format: unpacked numeric	<b>Description:</b> The time the flight is scheduled to depart. The format for this field is military time, HHMM.
<b>Arrival Time</b> Positions: 94–97 Length: 4 Format: unpacked numeric	<b>Description:</b> The time the flight is scheduled to arrive. The format for this field is military time, HHMM.
<b>Trip Leg 2 Information</b> Positions: 98–140 Length: 43 Format: group	<b>Description:</b> Description of the second leg of the trip.
<b>Coupon Number</b> Positions: 98 Length: 1 Format: unpacked numeric	<b>Description:</b> Number of coupons in the ticket. Valid values are 1, 2, 3, or 4.
<b>Carrier Code</b> Positions: 99–100 Length: 2 Format: alphanumeric	<b>Description:</b> Carrier identification.
<b>Flight Number</b> Positions: 101–105 Length: 5 Format: alphanumeric	<b>Description:</b> Number of the airline flight.
<b>Service Class</b> Positions: 106–107 Length: 2 Format: alphanumeric	<b>Description:</b> Class of service (first class, business class etc.).
<b>Origination City / Airport Code</b> Positions: 108–112 Length: 5 Format: alphanumeric	<b>Description:</b> Indicates origination city's airport code.
<b>Stop-Over Code</b> Positions: 113 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates whether a stop-over is allowed on this ticket.  Valid values are: O = Stop-Over allowed X = Stop-Over not allowed
<b>Destination City/Airport Code</b> Positions: 114–118 Length: 5 Format: alphanumeric	<b>Description:</b> Indicates destination city's airport code.

## Text Message Edit Criteria (continued)

<b>Fare Basis Code</b> Positions: 119–126 Length: 8 Format: alphanumeric	<b>Description:</b> Indicates the class of airline ticket (first class, business class, etc.).
<b>Departure Date</b> Positions: 127–132 Length: 6 Format: unpacked numeric	<b>Description:</b> The date the flight is scheduled to depart. The format for this field is MMDDYY.
<b>Departure Time</b> Positions: 133–136 Length: 4 Format: unpacked numeric	<b>Description:</b> The time the flight is scheduled to depart. The format for this field is military time, HHMM.
<b>Arrival Time</b> Positions: 137–140 Length: 4 Format: unpacked numeric	<b>Description:</b> The time the flight is scheduled to arrive. The format for this field is military time, HHMM.
<b>Control ID</b> Positions: 141–153 Length: 13 Format: alphanumeric	<b>Description:</b> This field will contain an identifier assigned at the time of reservation.
<b>Reserved</b> Positions: 154–159 Length: 6 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Ticket Issue Date</b> Positions: 160–167 Length: 8 Format: unpacked numeric	<b>Description:</b> The date the ticket is issued.  The format for this field is MMDDYYYY.
<b>Reimbursement Attribute</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete – must be zero-filled.

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TC 50

## TC 50

## TCR 0 — COMMERCIAL CARD – FLEET SERVICE

## CTF – Outgoing and Incoming Interchange

## 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 BIN
11–16	6	UN	Source BIN
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
158–167	10	AN	Reserved
168	1	AN	Reimbursement Attribute

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

## TC 50

## TCR 0 — COMMERCIAL CARD – FLEET SERVICE

## CTF – Outgoing and Incoming Interchange

## Text Message Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> This field must contain a 50.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN from which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Service Identifier</b> Positions: 17–22 Length: 6 Format: alphanumeric	<b>Description:</b> Further identifies the type of transaction.  The valid value for this field is COMFLT.
<b>Message Identifier</b> Positions: 23–37 Length: 15 Format: alphanumeric	<b>Description:</b> 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.  <b>VIC Edit:</b> The field cannot contain all zeros or spaces or two spaces followed by zeros.
<b>Item Sequence Number</b> Positions: 38–40 Length: 3 Format: unpacked numeric	<b>Description:</b> Sequence number of the item. This field must be numeric. If the entry is not numeric, the BASE II VIC will insert zeros.
<b>Federal Excise Tax (Non-Fuel) Exemption Status</b> Positions: 41 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates whether transaction is exempt from federal excise tax (non-fuel). The field may contain one of the following: 0 = Non-Exempt 1 = Exempt

## Text Message Edit Criteria (continued)

<b>Federal Excise Tax (Non-Fuel)</b> Positions: 42–53 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Federal Excise Tax (Fuel) Exemption Status</b> Positions: 54 Length: 1 Format: alphanumeric	<b>Description:</b> 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
<b>Federal Excise Tax (Fuel)</b> Positions: 55–66 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>State Motor Fuel Tax Exemption Status</b> Positions: 67 Length: 1 Format: alphanumeric	<b>Description:</b> 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
<b>State Motor Fuel Tax</b> Positions: 68–79 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>County Fuel Sales Tax Exemption Status</b> Positions: 80 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates whether the transaction is exempt from any country sales taxes on fuel purchases.  The field should contain one of the following: 0 = Non-Exempt 1 = Exempt
<b>County Fuel Sales Tax</b> Positions: 81–92 Length: 12 Format: unpacked numeric	<b>Description:</b> Country 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.
<b>Non-Fuel State and Local Sales Tax Exemption Status</b> Positions: 93 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates whether transaction is exempt from any state and local taxes. The field should contain one of the following: 0 = Non-Exempt 1 = Exempt
<b>Non-Fuel State and Local Sales Tax</b> Positions: 94–105 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.



## Text Message Edit Criteria (continued)

<b>County Motor Fuel Tax Exemption Status</b>  Positions: 106 Length: 1 Format: alphanumeric	<b>Description:</b> The field should contain one of the following: 0 = Non-Exempt 1 = Exempt
<b>County Motor Fuel Tax</b>  Positions: 107–118 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>City Sales Fuel Tax Exemption Status</b>  Positions: 119 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates if transaction is exempt from city sales tax.  The field should contain one of the following: 0 = Non-Exempt 1 = Exempt
<b>City Sales Fuel Tax</b>  Positions: 120–131 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>City Motor Fuel Tax Exemption Status</b>  Positions: 132 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates if transaction is exempt from city fuel tax.  The field should contain one of the following: 0 = Non-Exempt 1 = Exempt
<b>City Motor Fuel Tax</b>  Positions: 133–144 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Secondary State Fuel Tax Exemption Status</b>  Positions: 145 Length: 1 Format: alphanumeric	<b>Description:</b> The field should contain one of the following: 0 = Non-Exempt 1 = Exempt
<b>Secondary State Fuel Tax</b>  Positions: 146–157 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Reserved</b>  Positions: 158–167 Length: 10 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Reimbursement Attribute</b>  Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete – must be zero-filled.

## TC 50

## TCR 1 — COMMERCIAL CARD – FLEET SERVICE

## CTF – Outgoing and Incoming Interchange

## 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	1	AN	Federal Sales Tax Exemption Status
6-17	12	UN	Federal Sales Tax
18-168	151	UN	Reserved

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

## TC 50

## TCR 1 — COMMERCIAL CARD – FLEET SERVICE

## CTF – Outgoing and Incoming Interchange

## Text Message Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> This field must contain a 50.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 1.
<b>Federal Sales Tax Exemption Status</b> Positions: 5 Length: 1 Format: alphanumeric	<b>Description:</b> The field should contain one of the following:  0 = Non-Exempt 1 = Exempt
<b>Federal Sales Tax</b> Positions: 6–17 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Reserved</b> Positions: 18–168 Length: 151 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

## TC 50

## TCR 0 — COMMERCIAL CARD – GENERIC DATA

## CTF – Outgoing and Incoming Interchange

## 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 BIN
11–16	6	UN	Source BIN
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
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
164–167	4	AN	Reserved
168	1	AN	Reimbursement Attribute

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

## TC 50

## TCR 0 — COMMERCIAL CARD – GENERIC DATA

## CTF – Outgoing and Incoming Interchange

## Text Message Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> This field must contain a 50.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN from which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Service Identifier</b> Positions: 17–22 Length: 6 Format: alphanumeric	<b>Description:</b> Further identifies the type of transaction.  This field must contain COMMGN.
<b>Message Identifier</b> Positions: 23–37 Length: 15 Format: alphanumeric	<b>Description:</b> 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.  <b>VIC Edit:</b> This field cannot be zeros or spaces or two spaces followed by all zeros.
<b>Item Sequencing Field</b> Positions: 38–41 Length: 4 Format: unpacked numeric	<b>Description:</b> This field contains the current and total number of records for this transaction. The format is XYY, where XX is the current record and YY is the total number of records.
<b>Account Number</b> Positions: 42–57 Length: 16 Format: unpacked numeric	<b>Description:</b> An issuer-assigned number that identifies a cardholder's account. This entry must be a 16–digit number.

## Text Message Edit Criteria (continued)

<b>Account Number Extension</b> Positions: 58–60 Length: 3 Format: unpacked numeric	<b>Description:</b> 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.
<b>Purchase Date</b> Positions: 61–64 Length: 4 Format: unpacked numeric	<b>Description:</b> Contains the date the purchase made. Format is MMDD.
<b>Source Amount</b> Positions: 65–76 Length: 12 Format: unpacked numeric	<b>Description:</b> Identifies the submitted transaction amount in the currency that is appropriate to the source endpoint.  Two decimal places are implied.
<b>Merchant Name</b> Positions: 77–101 Length: 25 Format: alphanumeric	<b>Description:</b> Contains the merchant's name. This field should be left-justified.
<b>Merchant Category Code</b> Positions: 102–105 Length: 4 Format: unpacked numeric	<b>Description:</b> Identifies the merchant's principal line of business.
<b>Merchant ZIP Code</b> Positions: 106–110 Length: 5 Format: unpacked numeric	<b>Description:</b> Contains the merchant's postal code. This entry must be numeric, may be zeros.
<b>Merchant Order Number</b> Positions: 111–135 Length: 25 Format: alphanumeric	<b>Description:</b> Merchant invoice number. This field must be numeric and may contain zeros. Two decimal places are implied.
<b>Local Tax</b> Positions: 136–147 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>National Tax</b> Positions: 148–159 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Summary Commodity Code</b> Positions: 160–163 Length: 4 Format: alphanumeric	<b>Description:</b> Contains the national standard coding structure for the description of goods.
<b>Reserved</b> Positions: 164–167 Length: 4 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

**Text Message Edit Criteria (continued)**

Reimbursement Attribute	Description: Obsolete – must be zero-filled.
Positions: 168 Length: 1 Format: alphanumeric	

## TC 50

## TCR 0 — COMMERCIAL CARD – LODGING

## CTF – Outgoing and Incoming Interchange

## 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 BIN
11–16	6	UN	Source BIN
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
161–167	7	AN	Reserved
168	1	AN	Reimbursement Attribute

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



## TC 50

## TCR 0 — COMMERCIAL CARD – LODGING

## CTF – Outgoing and Incoming Interchange

## Text Message Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> This field must contain a 50.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN from which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Service Identifier</b> Positions: 17–22 Length: 6 Format: alphanumeric	<b>Description:</b> Further identifies the type of transaction.  This field must contain CORPLG.
<b>Message Identifier</b> Positions: 23–37 Length: 15 Format: alphanumeric	<b>Description:</b> 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.  <b>VIC Edit:</b> The entry cannot be zeros or spaces or two spaces followed by all zeros.
<b>Item Sequence Number</b> Positions: 38–40 Length: 3 Format: unpacked numeric	<b>Description:</b> Sequence number of the item. This field must be numeric. If the entry is not numeric, the BASE II VIC will insert zeros.
<b>Valet Parking Charges</b> Positions: 41–52 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.

## Text Message Edit Criteria (continued)

<b>Minibar Charges</b> Positions: 53–64 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Laundry Charges</b> Positions: 65–76 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Telephone Charges</b> Positions: 77–88 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Gift Shop Purchases</b> Positions: 89–100 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Movie Charges</b> Positions: 101–112 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Business Center Charges</b> Positions: 113–124 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Health Club Charges</b> Positions: 125–136 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Other Charges</b> Positions: 137–148 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Total Non-Room Charges</b> Positions: 149–160 Length: 12 Format: unpacked numeric	<b>Description:</b> Total amount of all non-room charges. This field must be numeric and may contain zeros. Two decimal places are implied.
<b>Reserved</b> Positions: 161–167 Length: 7 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Reimbursement Attribute</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete – must be zero-filled.

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TC 50

## TC 50

## TCR 0 — COMMERCIAL CARD – CAR RENTAL

## CTF – Outgoing and Incoming Interchange

## 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 BIN
11–16	6	UN	Source BIN
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
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
162–167	6	AN	Reserved
168	1	AN	Reimbursement Attribute

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

## TC 50

## TCR 0 — COMMERCIAL CARD – CAR RENTAL

## CTF – Outgoing and Incoming Interchange

## Text Message Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> This field must contain a 50.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN from which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Service Identifier</b> Positions: 17–22 Length: 6 Format: alphanumeric	<b>Description:</b> Further identifies the type of transaction.  This field must contain CORPCA.
<b>Message Identifier</b> Positions: 23–37 Length: 15 Format: alphanumeric	<b>Description:</b> 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.  <b>VIC Edit:</b> The entry cannot be zeros or spaces or two spaces followed by all zeros.
<b>Item Sequence Number</b> Positions: 38–40 Length: 3 Format: unpacked numeric	<b>Description:</b> Sequence number of the item. This field must be numeric. If the entry is not numeric, the BASE II VIC will insert zeros.
<b>Auto Towing</b> Positions: 41–52 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.

## Text Message Edit Criteria (continued)

<b>Regular Mileage Charges</b> Positions: 53–64 Length: 12 Format: unpacked numeric	<b>Description:</b> Amount of charges for mileage. The entry must be numeric; two decimal places are implied. The entry may be zeros.
<b>Extra-Mileage Charges</b> Positions: 65–76 Length: 12 Format: unpacked numeric	<b>Description:</b> Any charges for extra-mileage on the returned vehicle. The entry must be numeric; two decimal places are implied. The entry may be zeros.
<b>Late Return Charges/Hourly Rate</b> Positions: 77–88 Length: 12 Format: unpacked numeric	<b>Description:</b> Charges (Hourly Rate) for late return of vehicle. The entry must be numeric; two decimal places are implied. The entry may be zeros.
<b>Location (City) Car Returned To</b> Positions: 89–113 Length: 25 Format: alphanumeric	<b>Description:</b> City the rental vehicle was returned to. The field may contain spaces.
<b>Total Tax/VAT</b> Positions: 114–125 Length: 12 Format: unpacked numeric	<b>Description:</b> Total tax amount. The entry must be numeric; two decimal places are implied. The entry may be zeros.
<b>Telephone Charges</b> Positions: 126–137 Length: 12 Format: unpacked numeric	<b>Description:</b> Any telephone charges. The entry must be numeric; two decimal places are implied. The entry may be zeros.
<b>Other Charges</b> Positions: 138–149 Length: 12 Format: unpacked numeric	<b>Description:</b> Amount of any other charges. The entry must be numeric; two decimal places are implied. The entry may be zeros.
<b>Corporate ID</b> Positions: 150–161 Length: 12 Format: alphanumeric	<b>Description:</b> Corporate identifier. The field may be space-filled.
<b>Reserved</b> Positions: 162–167 Length: 6 Format: alphanumeric	<b>Description:</b> The field is reserved for future use. EP will always space-fill.
<b>Reimbursement Attribute</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete - must be zero-filled.

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TC 50

# TCR 0 —COMMERCIAL CARD – PURCHASING TRANSACTION (ADDITIONAL DATA ELEMENTS)

## TC 50

### TCR 0 — COMMERCIAL CARD – PURCHASING TRANSACTION (ADDITIONAL DATA ELEMENTS)

#### CTF – Outgoing and Incoming Interchange

#### 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 BIN
11–16	6	UN	Source BIN
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)
156–167	12	AN	Reserved
168	1	AN	Reimbursement Attribute

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



# TCR 0 —COMMERCIAL CARD – PURCHASING TRANSACTION (ADDITIONAL DATA ELEMENTS)

## TC 50

### TCR 0 — COMMERCIAL CARD – PURCHASING TRANSACTION (ADDITIONAL DATA ELEMENTS)

#### CTF – Outgoing and Incoming Interchange

#### Text Message Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> This field must contain a 50.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN from which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Service Identifier</b> Positions: 17–22 Length: 6 Format: alphanumeric	<b>Description:</b> Further identifies the type of transaction.  This field must contain PURCHA.
<b>Message Identifier</b> Positions: 23–37 Length: 15 Format: alphanumeric	<b>Description:</b> 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.  <b>VIC Edit:</b> The entry cannot be zeros or spaces or two spaces followed by all zeros.
<b>Item Sequence Number</b> Positions: 38–40 Length: 3 Format: unpacked numeric	<b>Description:</b> Sequence number of the item. This field must be numeric. If the entry is not numeric, the BASE II VIC will insert zeros.
<b>Discount Amount</b> Positions: 41–52 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.

# TCR 0 —COMMERCIAL CARD – PURCHASING TRANSACTION (ADDITIONAL DATA ELEMENTS)

## Text Message Edit Criteria (continued)

<b>Freight/Shipping Amount</b> Positions: 53–64 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Duty Amount</b> Positions: 65–76 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Destination Postal/ZIP Code</b> Positions: 77–86 Length: 10 Format: alphanumeric	<b>Description:</b> Postal code of the destination. The field may contain spaces.
<b>Ship From Postal/ZIP Code</b> Positions: 87–96 Length: 10 Format: alphanumeric	<b>Description:</b> Postal code of the location being shipped from.  The field may contain spaces.
<b>Destination Country Code</b> Positions: 97–99 Length: 3 Format: alphanumeric	<b>Description:</b> Country code of the destination. The field may contain spaces.
<b>Unique VAT Invoice Reference Number</b> Positions: 100–114 Length: 15 Format: alphanumeric	<b>Description:</b> Value added tax invoice reference number. The field may contain spaces.
<b>Order Date</b> Positions: 115–120 Length: 6 Format: unpacked numeric	<b>Description:</b> 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.
<b>Account Number</b> Positions: 121–136 Length: 16 Format: unpacked numeric	<b>Description:</b> 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.
<b>Account Number Extension</b> Positions: 137–139 Length: 3 Format: alphanumeric	<b>Description:</b> 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.
<b>VAT/Tax Amount (Freight/Shipping)</b> Positions: 140–151 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.

**TCR 0 —COMMERCIAL CARD – PURCHASING TRANSACTION  
(ADDITIONAL DATA ELEMENTS)****Text Message Edit Criteria (continued)**

<b>VAT/Tax Rate (Freight/Shipping)</b>  Positions: 152–155 Length: 4 Format: unpacked numeric	<b>Description:</b> Two decimal places are implied. If the entry is not numeric, the BASE II VIC will insert zeros.
<b>Reserved</b>  Positions: 156–167 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Reimbursement Attribute</b>  Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete – must be zero-filled.

# TCR 0 —COMMERCIAL CARD – GENERAL USE (ADDITIONAL DATA ELEMENTS)

## TC 50

### TCR 0 — COMMERCIAL CARD – GENERAL USE (ADDITIONAL DATA ELEMENTS)

#### CTF – Outgoing and Incoming Interchange

#### 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 BIN
11–16	6	UN	Source BIN
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)
156–167	12	AN	Reserved
168	1	AN	Reimbursement Attribute

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

## TC 50

## TCR 0 — COMMERCIAL CARD – GENERAL USE (ADDITIONAL DATA ELEMENTS)

## CTF – Outgoing and Incoming Interchange

## Text Message Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> This field must contain a 50.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN from which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Service Identifier</b> Positions: 17–22 Length: 6 Format: alphanumeric	<b>Description:</b> Further identifies the type of transaction.  This field must contain COMMXA.
<b>Message Identifier</b> Positions: 23–37 Length: 15 Format: alphanumeric	<b>Description:</b> 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.  <b>VIC Edit:</b> The field cannot be zeros or spaces or two spaces followed by all zeros.
<b>Item Sequence Number</b> Positions: 38–40 Length: 3 Format: unpacked numeric	<b>Description:</b> 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 Edit Criteria (continued)

<b>Discount Amount</b> Positions: 41–52 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Freight/Shipping Amount</b> Positions: 53–64 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Duty Amount</b> Positions: 65–76 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Destination Postal/ZIP Code</b> Positions: 77–86 Length: 10 Format: alphanumeric	<b>Description:</b> Postal code of the destination location. The field may contain spaces.
<b>Ship From Postal/ZIP Code</b> Positions: 87–96 Length: 10 Format: alphanumeric	<b>Description:</b> Postal code of the location being shipped from. The field may contain spaces.
<b>Destination Country Code</b> Positions: 97–99 Length: 3 Format: alphanumeric	<b>Description:</b> Country code of the destination. The field may contain spaces.
<b>Unique VAT Invoice Reference Number</b> Positions: 100–114 Length: 15 Format: alphanumeric	<b>Description:</b> Value Added Tax invoice reference number. The field may contain spaces.
<b>Order Date (YYMMDD)</b> Positions: 115–120 Length: 6 Format: unpacked numeric	<b>Description:</b> 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.
<b>Account Number</b> Positions: 121–136 Length: 16 Format: unpacked numeric	<b>Description:</b> 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.
<b>Account Number Extension</b> Positions: 137–139 Length: 3 Format: alphanumeric	<b>Description:</b> 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.

**TCR 0 —COMMERCIAL CARD – GENERAL USE  
(ADDITIONAL DATA ELEMENTS)****Text Message Edit Criteria (continued)**

<b>VAT/Tax Amount (Freight/Shipping)</b>  Positions: 140–151 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>VAT/Tax Rate (Freight/Shipping)</b>  Positions: 152–155 Length: 4 Format: unpacked numeric	<b>Description:</b> Two decimal places are implied. If the entry is not numeric, the BASE II VIC will insert zeros.
<b>Reserved</b>  Positions: 156–167 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Reimbursement Attribute</b>  Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete – must be zero-filled.

## TC 50

## TCR 0 — COMMERCIAL CARD – LODGING (ADDITIONAL DATA ELEMENTS)

## CTF – Outgoing and Incoming Interchange

## 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 BIN
11–16	6	UN	Source BIN
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)
156–167	12	AN	Reserved
168	1	AN	Reimbursement Attribute

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



## TC 50

## TCR 0 — COMMERCIAL CARD – LODGING (ADDITIONAL DATA ELEMENTS)

## CTF – Outgoing and Incoming Interchange

## Text Message Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> This field must contain a 50.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN from which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Service Identifier</b> Positions: 17–22 Length: 6 Format: alphanumeric	<b>Description:</b> 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 COMMLA.
<b>Message Identifier</b> Positions: 23–37 Length: 15 Format: alphanumeric	<b>Description:</b> 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.  <b>VIC Edit:</b> This field cannot be zeros or spaces or two spaces followed by all zeros.
<b>Item Sequence Number</b> Positions: 38–40 Length: 3 Format: unpacked numeric	<b>Description:</b> 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 Edit Criteria (continued)

<b>Discount Amount</b> Positions: 41–52 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Freight/Shipping Amount</b> Positions: 53–64 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Duty Amount</b> Positions: 65–76 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Destination Postal/ZIP Code</b> Positions: 77–86 Length: 10 Format: alphanumeric	<b>Description:</b> Postal code of the destination location. The field may contain spaces.
<b>Ship From Postal/ZIP Code</b> Positions: 87–96 Length: 10 Format: alphanumeric	<b>Description:</b> Postal code of the location being shipped from. The field may contain spaces.
<b>Destination Country Code</b> Positions: 97–99 Length: 3 Format: alphanumeric	<b>Description:</b> Country code of the destination. The field may contain spaces.
<b>Unique VAT Invoice Reference Number</b> Positions: 100–114 Length: 15 Format: alphanumeric	<b>Description:</b> Value Added Tax invoice reference number. The field may contain spaces.
<b>Order Date (YYMMDD)</b> Positions: 115–120 Length: 6 Format: unpacked numeric	<b>Description:</b> 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.
<b>Account Number</b> Positions: 121–136 Length: 16 Format: unpacked numeric	<b>Description:</b> 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.
<b>Account Number Extension</b> Positions: 137–139 Length: 3 Format: alphanumeric	<b>Description:</b> 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.

## Text Message Edit Criteria (continued)

<b>VAT/Tax Amount (Freight/Shipping)</b>  Positions: 140–151 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>VAT/Tax Rate (Freight/Shipping)</b>  Positions: 152–155 Length: 4 Format: unpacked numeric	<b>Description:</b> Two decimal places are implied. If the entry is not numeric, the BASE II VIC will insert zeros.
<b>Reserved</b>  Positions: 156–167 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Reimbursement Attribute</b>  Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete – must be zero-filled.

# TCR 0 —COMMERCIAL CARD – CAR RENTAL (ADDITIONAL DATA ELEMENTS)

## TC 50

### TCR 0 — COMMERCIAL CARD – CAR RENTAL (ADDITIONAL DATA ELEMENTS)

#### CTF – Outgoing and Incoming Interchange

#### 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 BIN
11–16	6	UN	Source BIN
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)
156–167	12	AN	Reserved
168	1	AN	Reimbursement Attribute

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

# TCR 0 —COMMERCIAL CARD – CAR RENTAL (ADDITIONAL DATA ELEMENTS)

## TC 50

### TCR 0 — COMMERCIAL CARD – CAR RENTAL (ADDITIONAL DATA ELEMENTS)

#### CTF – Outgoing and Incoming Interchange

#### Text Message Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> This field must contain a 50.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN from which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Service Identifier</b> Positions: 17–22 Length: 6 Format: alphanumeric	<b>Description:</b> 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.
<b>Message Identifier</b> Positions: 23–37 Length: 15 Format: alphanumeric	<b>Description:</b> 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.  <b>VIC Edit:</b> The entry cannot be zeros or spaces or two spaces followed by all zeros.
<b>Item Sequence Number</b> Positions: 38–40 Length: 3 Format: unpacked numeric	<b>Description:</b> Sequence number of the item. This field must be numeric. If the entry is not numeric, the BASE II VIC will insert zeros.

# TCR 0 —COMMERCIAL CARD – CAR RENTAL (ADDITIONAL DATA ELEMENTS)

## Text Message Edit Criteria (continued)

<b>Discount Amount</b> Positions: 41–52 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Freight/Shipping Amount</b> Positions: 53–64 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Duty Amount</b> Positions: 65–76 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Destination Postal/ZIP Code</b> Positions: 77–86 Length: 10 Format: alphanumeric	<b>Description:</b> Postal code of the destination location. The field may contain spaces.
<b>Ship From Postal/ZIP Code</b> Positions: 87–96 Length: 10 Format: alphanumeric	<b>Description:</b> Postal code of the location being shipped from. The field may contain spaces.
<b>Destination Country Code</b> Positions: 97–99 Length: 3 Format: alphanumeric	<b>Description:</b> Country code of the destination. The field may contain spaces.
<b>Unique VAT Invoice Reference Number</b> Positions: 100–114 Length: 15 Format: alphanumeric	<b>Description:</b> Value Added Tax invoice reference number. The field may contain spaces.
<b>Order Date</b> Positions: 115–120 Length: 6 Format: unpacked numeric	<b>Description:</b> 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.
<b>Account Number</b> Positions: 121–136 Length: 16 Format: unpacked numeric	<b>Description:</b> 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.
<b>Account Number Extension</b> Positions: 137–139 Length: 3 Format: alphanumeric	<b>Description:</b> 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.

**TCR 0 —COMMERCIAL CARD – CAR RENTAL  
(ADDITIONAL DATA ELEMENTS)****Text Message Edit Criteria (continued)**

<b>VAT/Tax Amount (Freight/Shipping)</b>  Positions: 140–151 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>VAT/Tax Rate (Freight/Shipping)</b>  Positions: 152–155 Length: 4 Format: unpacked numeric	<b>Description:</b> Two decimal places are implied. If the entry is not numeric, the BASE II VIC will insert zeros.
<b>Reserved</b>  Positions: 156–167 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Reimbursement Attribute</b>  Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete – must be zero-filled.

# TCR 0 — COMMERCIAL CARD – GENERAL USE – LINE ITEM DETAIL (ITEM DATA ELEMENTS)

## TC 50

### TCR 0 — COMMERCIAL CARD – GENERAL USE – LINE ITEM DETAIL (ITEM DATA ELEMENTS)

#### CTF – Outgoing and Incoming Interchange

#### 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 BIN
11–16	6	UN	Source BIN
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	Reimbursement Attribute

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



## TC 50

TCR 0 — COMMERCIAL CARD – GENERAL USE – LINE ITEM DETAIL (ITEM DATA  
ELEMENTS)

## CTF – Outgoing and Incoming Interchange

## Text Message Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> This field must contain a 50.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN from which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Service Identifier</b> Positions: 17–22 Length: 6 Format: alphanumeric	<b>Description:</b> Further identifies the type of transaction.  This field must contain COMMXL.
<b>Message Identifier</b> Positions: 23–37 Length: 15 Format: alphanumeric	<b>Description:</b> 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.  <b>VIC Edit:</b> This field cannot contain zeros or spaces or two spaces followed by all zeros.
<b>Item Sequence Number</b> Positions: 38–40 Length: 3 Format: unpacked numeric	<b>Description:</b> Sequence number of the purchase item.  <b>VIC Edit:</b> This field must be numeric and must not contain zeros.
<b>Item Commodity Code</b> Positions: 41–52 Length: 12 Format: alphanumeric	<b>Description:</b> Code used to categorize purchase item. This field may contain spaces.

# TCR 0 — COMMERCIAL CARD – GENERAL USE – LINE ITEM DETAIL (ITEM DATA ELEMENTS)

## Text Message Edit Criteria (continued)

<b>Item Descriptor</b> Positions: 53–78 Length: 26 Format: alphanumeric	<b>Description:</b> Text field describing purchase. This field may contain spaces.
<b>Product Code</b> Positions: 79–90 Length: 12 Format: alphanumeric	<b>Description:</b> This field may contain spaces.
<b>Quantity</b> Positions: 91–102 Length: 12 Format: unpacked numeric	<b>Description:</b> The entry must be numeric; four decimal places are implied. If the entry is not numeric, the BASE II VIC will insert zeros.
<b>Unit of Measure/Code</b> Positions: 103–114 Length: 12 Format: alphanumeric	<b>Description:</b> Code indicating unit of measure (gallons etc.). This field may contain spaces.
<b>Unit Cost</b> Positions: 115–126 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>VAT/Tax Amount</b> Positions: 127–138 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>VAT/Tax Rate</b> Positions: 139–142 Length: 4 Format: unpacked numeric	<b>Description:</b> 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.
<b>Discount Per Line</b> Positions: 143–154 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Line Item Total</b> Positions: 155–166 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Line Item Detail Indicator</b> Positions: 167 Length: 1 Format: unpacked numeric	<b>Description:</b> Indicates if the item is a normal line item detail or a last line item detail record. If the entry is not 0 or 1, the BASE II VIC will insert zeros.  Valid values are:  0 = Normal line item detail record 1 = Last line item detail record

## Text Message Edit Criteria (continued)

Reimbursement Attribute	Description: Obsolete – must be zero-filled.
Positions: 168 Length: 1 Format: alphanumeric	

# TCR 0 —COMMERCIAL CARD – PURCHASING TRANSACTION – LINE ITEM DETAIL (ITEM DATA ELEMENTS)

## TC 50

### TCR 0 — COMMERCIAL CARD – PURCHASING TRANSACTION – LINE ITEM DETAIL (ITEM DATA ELEMENTS)

#### CTF – Outgoing and Incoming Interchange

#### 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 BIN
11–16	6	UN	Source BIN
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	AN	Reimbursement Attribute

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

# TCR 0 —COMMERCIAL CARD – PURCHASING TRANSACTION – LINE ITEM DETAIL (ITEM DATA ELEMENTS)

## TC 50

### TCR 0 — COMMERCIAL CARD – PURCHASING TRANSACTION – LINE ITEM DETAIL (ITEM DATA ELEMENTS)

#### CTF – Outgoing and Incoming Interchange

#### Text Message Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> This field must contain a 50.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN from which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Service Identifier</b> Positions: 17–22 Length: 6 Format: alphanumeric	<b>Description:</b> Further identifies the type of transaction.  This field must contain PURCHL.
<b>Message Identifier</b> Positions: 23–37 Length: 15 Format: alphanumeric	<b>Description:</b> 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.  <b>VIC Edit:</b> The field cannot contain zeros or spaces or two spaces followed by all zeros.
<b>Item Sequence Number</b> Positions: 38–40 Length: 3 Format: unpacked numeric	<b>Description:</b> Sequence number of the purchase item.  <b>VIC Edit:</b> This field must be numeric and must not contain zeros.
<b>Item Commodity Code</b> Positions: 41–52 Length: 12 Format: alphanumeric	<b>Description:</b> Code used to categorize purchase item. This field may contain spaces.

# TCR 0 —COMMERCIAL CARD – PURCHASING TRANSACTION – LINE ITEM DETAIL (ITEM DATA ELEMENTS)

## Text Message Edit Criteria (continued)

<b>Item Descriptor</b> Positions: 53–78 Length: 26 Format: alphanumeric	<b>Description:</b> Text field describing purchase. This field may contain spaces.
<b>Product Code</b> Positions: 79–90 Length: 12 Format: alphanumeric	<b>Description:</b> Identifies the product being purchased. This field may contain spaces.
<b>Quantity</b> Positions: 91–102 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Unit of Measure/Code</b> Positions: 103–114 Length: 12 Format: alphanumeric	<b>Description:</b> Code indicating unit of measure (gallons, etc.). This field may contain spaces.
<b>Unit Cost</b> Positions: 115–126 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>VAT/Tax Amount</b> Positions: 127–138 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>VAT/Tax Rate</b> Positions: 139–142 Length: 4 Format: unpacked numeric	<b>Description:</b> The percentage of the sales tax. If the entry is not numeric, the BASE II VIC will insert zeros.  Two decimal places are implied.
<b>Discount per Line Item</b> Positions: 143–154 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Line Item Total</b> Positions: 155–166 Length: 12 Format: unpacked numeric	<b>Description:</b> Total of line items. If the entry is not numeric, the BASE II VIC will insert zeros.  Two decimal places are implied.
<b>Line Item Detail Indicator</b> Positions: 167 Length: 1 Format: unpacked numeric	<b>Description:</b> 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. Valid values are:  0 = Normal line item detail record 1 = Last line item detail record
<b>Reimbursement Attribute</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete – must be zero-filled.

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TC 50

# TCR 0 —COMMERCIAL CARD - LODGING - LINE ITEM DETAIL (ITEM DATA ELEMENTS)

## TC 50

### TCR 0 — COMMERCIAL CARD - LODGING - LINE ITEM DETAIL (ITEM DATA ELEMENTS)

#### CTF – Outgoing and Incoming Interchange

#### 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 BIN
11–16	6	UN	Source BIN
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	Reimbursement Attribute

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



# TCR 0 —COMMERCIAL CARD - LODGING - LINE ITEM DETAIL (ITEM DATA ELEMENTS)

## TC 50

### TCR 0 — COMMERCIAL CARD - LODGING - LINE ITEM DETAIL (ITEM DATA ELEMENTS)

#### CTF – Outgoing and Incoming Interchange

#### Text Message Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> This field must contain a 50.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN from which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Service Identifier</b> Positions: 17–22 Length: 6 Format: alphanumeric	<b>Description:</b> 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 COMMLL.
<b>Message Identifier</b> Positions: 23–37 Length: 15 Format: alphanumeric	<b>Description:</b> 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.  <b>VIC Edit:</b> This field cannot be zeros or spaces or two spaces followed by all zeros.
<b>Item Sequence Number</b> Positions: 38–40 Length: 3 Format: unpacked numeric	<b>Description:</b> Sequence number of the purchase item.  <b>VIC Edit:</b> This field must be numeric and must not contain zeros.

# TCR 0 —COMMERCIAL CARD - LODGING - LINE ITEM DETAIL (ITEM DATA ELEMENTS)

## Text Message Edit Criteria (continued)

<b>Item Commodity Code</b> Positions: 41–52 Length: 12 Format: alphanumeric	<b>Description:</b> Code used to categorize purchase item. This field may contain spaces.
<b>Item Descriptor</b> Positions: 53–78 Length: 26 Format: alphanumeric	<b>Description:</b> Text field describing purchase. This field may contain spaces.
<b>Product Code</b> Positions: 79–90 Length: 12 Format: alphanumeric	<b>Description:</b> This field may contain spaces.
<b>Quantity</b> Positions: 91–102 Length: 12 Format: unpacked numeric	<b>Description:</b> The entry must be numeric; four decimal places are implied. If the entry is not numeric, the BASE II VIC will insert zeros.
<b>Unit of Measure/Code</b> Positions: 103–114 Length: 12 Format: alphanumeric	<b>Description:</b> Code indicating unit of measure (gallons etc.). This field may contain spaces.
<b>Unit Cost</b> Positions: 115–126 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>VAT/Tax Amount</b> Positions: 127–138 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>VAT/Tax Rate</b> Positions: 139–142 Length: 4 Format: unpacked numeric	<b>Description:</b> 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.
<b>Discount Per Line</b> Positions: 143–154 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Line Item Total</b> Positions: 155–166 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.

**TCR 0 —COMMERCIAL CARD - LODGING - LINE ITEM  
DETAIL (ITEM DATA ELEMENTS)****Text Message Edit Criteria (continued)**

<b>Line Item Detail Indicator</b> Positions: 167 Length: 1 Format: unpacked numeric	<b>Description:</b> 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.  Valid values are:  0 = Normal line item detail record 1 = Last line item detail record
<b>Reimbursement Attribute</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete – must be zero-filled.

# TCR 0 —COMMERCIAL CARD – CAR RENTAL – LINE ITEM DETAIL (ITEM DATA ELEMENTS)

## TC 50

### TCR 0 — COMMERCIAL CARD – CAR RENTAL – LINE ITEM DETAIL (ITEM DATA ELEMENTS)

#### CTF – Outgoing and Incoming Interchange

#### 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 BIN
11–16	6	UN	Source BIN
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	Reimbursement Attribute

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

## TC 50

TCR 0 — COMMERCIAL CARD – CAR RENTAL – LINE ITEM DETAIL (ITEM DATA  
ELEMENTS)

## CTF – Outgoing and Incoming Interchange

## Text Message Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> This field must contain a 50.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN from which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Service Identifier</b> Positions: 17–22 Length: 6 Format: alphanumeric	<b>Description:</b> 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.
<b>Message Identifier</b> Positions: 23–37 Length: 15 Format: alphanumeric	<b>Description:</b> 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.  <b>VIC Edit:</b> This field cannot be zeros or spaces or two spaces followed by all zeros.
<b>Item Sequence Number</b> Positions: 38–40 Length: 3 Format: unpacked numeric	<b>Description:</b> Sequence number of the item.  <b>VIC Edit:</b> This field must be numeric and must not contain zeros.

# TCR 0 —COMMERCIAL CARD – CAR RENTAL – LINE ITEM DETAIL (ITEM DATA ELEMENTS)

## Text Message Edit Criteria (continued)

<b>Item Commodity Code</b> Positions: 41–52 Length: 12 Format: alphanumeric	<b>Description:</b> Code used to categorize purchase item. This field may contain spaces.
<b>Item Descriptor</b> Positions: 53–78 Length: 26 Format: alphanumeric	<b>Description:</b> Text field describing purchase. This field may contain spaces.
<b>Product Code</b> Positions: 79–90 Length: 12 Format: alphanumeric	<b>Description:</b> Identifies the product being purchased. This field may contain spaces.
<b>Quantity</b> Positions: 91–102 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Unit of Measure/Code</b> Positions: 103–114 Length: 12 Format: alphanumeric	<b>Description:</b> Code indicating unit of measure (gallons, etc.). This field may contain spaces.
<b>Unit Cost</b> Positions: 115–126 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>VAT/Tax Amount</b> Positions: 127–138 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>VAT/Tax Rate</b> Positions: 139–142 Length: 4 Format: unpacked numeric	<b>Description:</b> 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.
<b>Discount Per Line</b> Positions: 143–154 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Line Item Total</b> Positions: 155–166 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Line Item Detail Indicator</b> Positions: 167 Length: 1 Format: unpacked numeric	<b>Description:</b> 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. Valid values are:  0 = Normal line item detail record 1 = Last line item detail record

**TCR 0 —COMMERCIAL CARD – CAR RENTAL – LINE  
ITEM DETAIL (ITEM DATA ELEMENTS)****Text Message Edit Criteria (continued)**

<b>Reimbursement Attribute</b>	<b>Description:</b> Obsolete – must be zero-filled.
Positions: 168 Length: 1 Format: alphanumeric	This field must contain 0, 3, 4, 5, or 6.

## TC 50

## TCR 0 — COMMERCIAL CARD – OPEN FORMAT – TEXT MESSAGE

## CTF – Outgoing and Incoming Interchange

## 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 BIN
11–16	6	UN	Source BIN
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
47–167	121	AN	Message Text
168	1	AN	Reimbursement Attribute

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



## TC 50

## TCR 0 — COMMERCIAL CARD – OPEN FORMAT – TEXT MESSAGE

## CTF – Outgoing and Incoming Interchange

## Text Message Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> This field must contain a 50.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN from which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Service Identifier</b> Positions: 17–22 Length: 6 Format: alphanumeric	<b>Description:</b> Further identifies the type of transaction.  The valid value for this field is OPNFMT.
<b>Message Identifier</b> Positions: 23–37 Length: 15 Format: alphanumeric	<b>Description:</b> 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.  <b>VIC Edit:</b> This field cannot be zeros or spaces or two spaces followed by all zeros.
<b>Merchant Sector</b> Positions: 38–39 Length: 2 Format: alphanumeric	<b>Description:</b> This field should contain the code indicating the industry sector the merchant's business is in (retail, banking, etc.).  Refer to the <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.
<b>Source Identification</b> Positions: 40 Length: 1 Format: alphanumeric	<b>Description:</b> This field should contain the acquirer or third-party processor source identification value.

## Text Message Edit Criteria (continued)

<b>TC 50 Envelope Sequence Number</b>  Positions: 41–43 Length: 3 Format: unpacked numeric	<b>Description:</b> This field should contain the 3-character TC 50 sequence number.
<b>Reserved</b>  Positions: 44–46 Length: 3 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Message Text</b>  Positions: 47–167 Length: 121 Format: alphanumeric	<b>Description:</b> Informational text.  Refer to the <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.
<b>Reimbursement Attribute</b>  Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete – must be zero-filled.

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TC 50

**TC 50****TCR 1-7 — COMMERCIAL CARD – OPEN FORMAT – TEXT MESSAGE****CTF – Outgoing and Incoming Interchange****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			

## TC 50

## TCR 1-7 — COMMERCIAL CARD – OPEN FORMAT – TEXT MESSAGE

## CTF – Outgoing and Incoming Interchange

## Text Message Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> This field must contain a 50.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 1 through 7.
<b>Message Text</b> Positions: 5–168 Length: 164 Format: alphanumeric	<b>Description:</b> Informational text.  Refer to the <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

## CTF – Incoming Interchange

## 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 BIN
11-16	6	UN	Source BIN
17-22	6	AN	Service Identifier
23-32	10	AN	Reserved
33-38	6	UN	Acquirer BIN
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
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
142-167	26	AN	Reserved
168	1	AN	Reimbursement Attribute

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

## TC 50

## TCR 0 — MERCHANT REGISTRATION – INCOMING

## CTF – Incoming Interchange

## Merchant Registration - Incoming Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> This field must contain 50.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN from which a BASE II transaction message is sent.  This field must contain 471598.
<b>Service Identifier</b> Positions: 17–22 Length: 6 Format: alphanumeric	<b>Description:</b> Further identifies the type of transaction.  This field will contain PURCHM.
<b>Reserved</b> Positions: 23–32 Length: 10 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Acquirer BIN</b> Positions: 33–38 Length: 6 Format: unpacked numeric	<b>Description:</b> The acquirer's Visa-assigned identification number. This field will contain the acquirer BIN, not the acquirer processor BIN.
<b>Merchant Name</b> Positions: 39–63 Length: 25 Format: alphanumeric	<b>Description:</b> 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 Registration - Incoming Edit Criteria (continued)

<b>Merchant City</b> Positions: 64–76 Length: 13 Format: alphanumeric	<b>Description:</b> City the merchant is located in. This field will contain the value from the original transaction.
<b>Merchant State</b> Positions: 77–79 Length: 3 Format: alphanumeric	<b>Description:</b> State the merchant is located in. This field will contain the value from the original transaction.
<b>Merchant Country Code</b> Positions: 80–82 Length: 3 Format: alphanumeric	<b>Description:</b> Country the merchant is located in. This field will contain the value from the original transaction.
<b>Merchant ZIP Code</b> Positions: 83–91 Length: 9 Format: unpacked numeric	<b>Description:</b> The merchant's postal code. This field will contain the value from the original transaction.
<b>Merchant Category Code</b> Positions: 92–95 Length: 4 Format: alphanumeric	<b>Description:</b> Code designating the merchant's principle line of business. This field will contain the value from the original transaction.
<b>Card Acceptor ID</b> Positions: 96–110 Length: 15 Format: alphanumeric	<b>Description:</b> Code that identifies the card acceptor operating the POS terminal. This field will contain the value from the original transaction.
<b>Occurrence Number</b> Positions: 111 Length: 1 Format: unpacked numeric	<b>Description:</b> 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
<b>Error Code 1</b> Positions: 112–113 Length: 2 Format: alphanumeric	<b>Description:</b> This field will contain the first error found on an outgoing TC 50. This field will contain values 00 to 10 or spaces.  Valid values are:  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



**Merchant Registration - Incoming Edit Criteria (continued)**

<b>Error Code 2</b> Positions: 114–115 Length: 2 Format: alphanumeric	<b>Description:</b> 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.)
<b>Error Code 3</b> Positions: 116–117 Length: 2 Format: alphanumeric	<b>Description:</b> 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.)
<b>Error Code 4</b> Positions: 118–119 Length: 2 Format: alphanumeric	<b>Description:</b> 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.)
<b>Error Code 5</b> Positions: 120–121 Length: 2 Format: alphanumeric	<b>Description:</b> 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.)
<b>Error Code 6</b> Positions: 122–123 Length: 2 Format: alphanumeric	<b>Description:</b> 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.)
<b>Error Code 7</b> Positions: 124–125 Length: 2 Format: alphanumeric	<b>Description:</b> 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.)
<b>Error Code 8</b> Positions: 126–127 Length: 2 Format: alphanumeric	<b>Description:</b> 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.)
<b>Error Code 9</b> Positions: 128–129 Length: 2 Format: alphanumeric	<b>Description:</b> 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.)
<b>MPS Identification Number</b> Positions: 130–141 Length: 12 Format: unpacked numeric	<b>Description:</b> Number identifying the MPS. This field will contain Visa proprietary data.
<b>Reserved</b> Positions: 142–167 Length: 26 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Reimbursement Attribute</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete – must be zero-filled.

## TC 50

## TCR 0 — MERCHANT REGISTRATION – OUTGOING

## CTF – Outgoing Interchange

## Merchant Registration - Outgoing 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 BIN
11-16	6	UN	Source BIN
17-22	6	AN	Service Identifier
23-34	12	UN	MPS Identification Number
35-40	6	UN	Acquirer BIN
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	Reimbursement Attribute

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

## TC 50

## TCR 0 — MERCHANT REGISTRATION – OUTGOING

## CTF – Outgoing Interchange

## Merchant Registration – Outgoing Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> This field must contain 50.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  This field must contain 471598.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN from which a BASE II transaction message is sent.  This field will contain a valid BIN.
<b>Service Identifier</b> Positions: 17–22 Length: 6 Format: alphanumeric	<b>Description:</b> Further identifies the type of transaction.  This field will contain PURCHM.
<b>MPS Identification Number</b> Positions: 23–34 Length: 12 Format: unpacked numeric	<b>Description:</b> This field will contain the value received in the incoming TC 50.
<b>Acquirer BIN</b> Positions: 35–40 Length: 6 Format: unpacked numeric	<b>Description:</b> The bank's Visa-assigned identification number of the acquirer. This field will contain the value received in the incoming TC 50.
<b>Merchant Name</b> Positions: 41–65 Length: 25 Format: alphanumeric	<b>Description:</b> This field will contain the value received in the incoming TC 50.

**Merchant Registration – Outgoing Edit Criteria (continued)**

<b>Reserved</b> Positions: 66–105 Length: 40 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Merchant Street Address</b> Positions: 106–135 Length: 30 Format: alphanumeric	<b>Description:</b> This field will contain the merchant location street address.
<b>Merchant City</b> Positions: 136–155 Length: 20 Format: alphanumeric	<b>Description:</b> This field will contain the merchant location city.
<b>Merchant State</b> Positions: 156–158 Length: 3 Format: alphanumeric	<b>Description:</b> This field will contain the merchant location state.
<b>Merchant ZIP Code</b> Positions: 159–167 Length: 9 Format: unpacked numeric	<b>Description:</b> 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.
<b>Reimbursement Attribute</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete – must be zero-filled.

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TC 50

## TC 50

## TCR 1 — MERCHANT REGISTRATION, ADDITIONAL DATA

## CTF – Outgoing Interchange

## Merchant Registration, Additional Data Record Layout

Position	Field Length	Format	Contents
1–2	2	UN	Transaction Code
3	1	UN	Transaction Code Qualifier
4	1	UN	Transaction Component Sequence Number
5	1	AN	Reserved
6–13	8	UN	Reserved
14–21	8	UN	Reserved
22	1	AN	Reserved
23–30	8	UN	Acquirer Severance Date
31–36	6	UN	Portfolio Sale Acquirer BIN
37–66	30	AN	Business Legal Name
67–75	9	UN	Taxpayer Identification Number
76	1	AN	Incorporation Status Code
77–101	25	AN	Sole Proprietor Last Name
102–126	25	AN	Sole Proprietor First Name
127	1	AN	Sole Proprietor Middle Initial
128–168	41	AN	Reserved

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

## TC 50

## TCR 1 — MERCHANT REGISTRATION, ADDITIONAL DATA

## CTF – Outgoing Interchange

## Merchant Registration, Additional Data Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> This field must contain 50.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 1.
<b>Reserved</b> Positions: 5 Length: 1 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Reserved</b> Positions: 6–13 Length: 8 Format: unpacked numeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Reserved</b> Positions: 14–21 Length: 8 Format: unpacked numeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Reserved</b> Positions: 22 Length: 1 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Acquirer Severance Date</b> Positions: 23–30 Length: 8 Format: unpacked numeric	<b>Description:</b> This field is used to indicate the date the acquirer and merchant severed their relationship (CCYYMMDD).
<b>Portfolio Sale Acquirer BIN</b> Positions: 31–36 Length: 6 Format: unpacked numeric	<b>Description:</b> If the merchant portfolio is sold, this field will contain the acquirer BIN of the acquirer that purchased the portfolio. If present, this field must contain a valid BIN.

## Merchant Registration, Additional Data Edit Criteria (continued)

<b>Business Legal Name</b> Positions: 37–66 Length: 30 Format: alphanumeric	<b>Description:</b> This field will contain the merchant's legal business name, which may be different from the DBA name.
<b>Taxpayer Identification Number</b> Positions: 67–75 Length: 9 Format: unpacked numeric	<b>Description:</b> This field will contain the number assigned by the Internal Revenue Service. (If the merchant is an individual or sole proprietorship, this will likely be the individual's social security number).
<b>Incorporation Status Code</b> Positions: 76 Length: 1 Format: alphanumeric	<b>Description:</b> This field will contain the code that identifies the incorporation status of the merchant.  Values are:  1 = Individual/Sole Proprietorship 2 = Partnership 3 = Corporation 4 = Medical or Legal Corporation 5 = Associations/Estates/Trusts 6 = Tax Exempt Organization (501c) 7 = Government (Federal/State/Local) 8 = International Organizations 9 = Limited Liability Companies
<b>Sole Proprietor Last Name</b> Positions: 77–101 Length: 25 Format: alphanumeric	<b>Description:</b> If the incorporation status code indicates an individual or sole proprietorship, this field will contain the last name of the owner. The entry must be a non-repeating alphanumeric value; it cannot be all space-filled or zeros. The first position in this field must not be a space. The field is left-justified, and entries less than 25 must be space-filled after the last character.
<b>Sole Proprietor First Name</b> Positions: 102–126 Length: 25 Format: alphanumeric	<b>Description:</b> If the incorporation status code indicates an individual or sole proprietorship, this field will contain the first name of the owner. The entry must be a non-repeating alphanumeric value; it cannot be all space-filled or zeros. The first position in this field must not be a space. The field is left-justified, and entries less than 25 must be space-filled after the last character.
<b>Sole Proprietor Middle Initial</b> Positions: 127 Length: 1 Format: alphanumeric	<b>Description:</b> If the incorporation status code indicates an individual or sole proprietorship, this field will contain the middle initial of the sole proprietor owner, if available.
<b>Reserved</b> Positions: 128–168 Length: 41 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.



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TC 50

## TC 50

## TCR 0 — STOP RECURRING PAYMENT

## CTF – Outgoing and Incoming Interchange

## 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 BIN
11–16	6	UN	Source BIN
17–22	6	AN	Service Identifier
23–129	107	AN	Text
130–167	38	AN	Reserved
168	1	AN	Reimbursement Attribute

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

## TC 50

## TCR 0 — STOP RECURRING PAYMENT

## CTF – Outgoing and Incoming Interchange

## Stop Recurring Payment Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> This field must contain 50.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN from which a BASE II transaction message is sent.  This field must contain a valid BIN.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN from which a BASE II transaction message is sent.
<b>Service Identifier</b> Positions: 17–22 Length: 6 Format: alphanumeric	<b>Description:</b> Further identifies the type of transaction.  This field must contain STOPRP for a Stop Recurring Payment advice.
<b>Text</b> Positions: 23–129 Length: 107 Format: alphanumeric	<b>Description:</b> This field contains the text of the Stop Recurring Payment advice. Refer to “Stop Recurring Payment Text Field” in this chapter for additional information.
<b>Reserved</b> Positions: 130–167 Length: 38 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Reimbursement Attribute</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete – must be zero-filled.

**Stop Recurring Payment Text Field**

The Stop Recurring Payment advice uses the Text field in positions 23–129 to convey the information necessary to stop a recurring payment. The following rules apply to the formatting of text within positions 23–129.

- Every field except the last (Recurring Payment Currency Code) is followed by a comma.
- Optional fields may be omitted, but their omission must be denoted by a comma.
- Each field length in the following table is the maximum length for that field, excluding the delimiting comma.
- If the Cardholder Name, Merchant Name, or other fields contain a comma, the field must be enclosed in quotation marks (for example, "TELCO,INC").
- Any unused positions at the end of the Text field (positions 23–129) must be space-filled.

**Stop Recurring Payment Advice Text Field Contents**

Field Name (Starts at Position 23)	Field Length	Format	Required	Contents
Service Identifier	6	A	R	STOPRP for Stop Recurring Payment (SRP) Advice (same as positions 17–22).
Advice Date	4	UN	R	The date the SRP advice was sent by the issuer. This entry must be in MMDD (month, day) format.
Forwarding Institution Country Code	4	UN	R	The ISO numeric country code of the issuer.
Card Number	19	UN	R	The number of the Visa check card or debit card associated with the SRP advice.
Cardholder Name	18	AN	R	Customer name, as it appears on the Visa check card or debit card.
Merchant Name	17	AN	R	Name of the company for which the SRP is intended.
Merchant's Proprietary Account Number for Cardholder	9	AN	O	The cardholder's account number at the company for which the SRP advice is intended, if known.
Effective SRP Date	6	UN	O	Effective date of SRP request in MMDDYY (month, day, year) format. If omitted, the request is effective immediately.
Recurring Payment Amount	12	UN	O	The amount of the recurring payment to be stopped (if a fixed amount, and if provided by the cardholder) left-justified without leading zeros.
Recurring Payment Currency Code	3	UN	C	The ISO numeric currency code of the recurring payment. Must be present if Recurring Payment Amount is present.

Field Length: Maximum length of field

Format: A = Alphanumeric, UN = Unpacked Numeric, AN = Alphanumeric

Required:

R = Required, field must be present so that the merchant has sufficient information to effect the stop payment

O = Optional, the issuer may supply the data, if applicable, if known, or both

C = Conditional, as noted

**Examples of Text Field Usage**

In the following example, only the required fields are present. The cardholder is John Doe, and the merchant is TELCO:

STOPRP,0315,840,4123456789012345,JOHN DOE,TELCO,,,

The last three commas at the end of the text field denote the absence of the Merchant's Proprietary Account Number for Cardholder, Effective SRP Date, and Recurring Payment Amount fields. The blank following the last comma denotes the absence of the Recurring Payment Currency Code field.

STOPRP,0315,840,4123456789012345,JOHN DOE,TELCO,,040195,,

In this example, the second comma following TELCO denotes the absence of the Merchant's Proprietary Account Number for Cardholder field. The second comma following the date denotes the absence of the Recurring Payment Amount field.

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#### CTF – Outgoing and Incoming Interchange

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## Retrieval Request Record Transactions

### 52.1 TC 52—RETRIEVAL REQUEST RECORD TRANSACTIONS

TCR 0, 1, 4

CTF – Outgoing and Incoming

The Retrieval Request/Confirmation records are used for the following:

**NOTE**

*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.

**NOTE**

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

**NOTE**

*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 as follows:

- 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

## 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
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

## TC 52

## TCR 0

## CTF – Outgoing and Incoming Interchange

## Retrieval Request/Confirmation Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> This field must contain 52.  The Transaction Code is:  52 = Request for Copy
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a zero.
<b>Account Number</b> Positions: 5–20 Length: 16 Format: unpacked numeric	<b>Description:</b> 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.
<b>Account Number Extension</b> Positions: 21–23 Length: 3 Format: unpacked numeric	<b>Description:</b> 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.  <b>VIC Edit:</b> The field must contain zeros if Account Number is 16 digits or fewer.  <b>Outgoing:</b> 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.
<b>Acquirer Reference Number (ARN)</b> Positions: 24–46 Length: 23 Format: unpacked numeric	<b>Description:</b> 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 chargeback or re-presentment.  The Acquirer Reference Number must be the same as the original transaction. The entry must be in the following format.
<b>Format Code</b> Positions: 24 Length: 1 Format: unpacked numeric	<b>Description:</b> 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 (continued)**

<b>BIN</b> Positions: 25–30 Length: 6 Format: unpacked numeric	<b>Description:</b> Bank Identification Number is part of the Acquirer Reference Number and must be a valid six-digit acquiring BIN per the current BIN Table. May be an issuing BIN for cash disbursements.
<b>Date</b> Positions: 31–34 Length: 4 Format: unpacked numeric	<b>Description:</b> 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).
<b>Film Locator</b> Positions: 35–45 Length: 11 Format: unpacked numeric	<b>Description:</b> 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.
<b>Check Digit</b> Positions: 46 Length: 11 Format: unpacked numeric	<b>Description:</b> 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).
<b>Acquirer's Business ID</b> Positions: 47–54 Length: 8 Format: unpacked numeric	<b>Description:</b> 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.
<b>Purchase Date</b> Positions: 55–58 Length: 4 Format: unpacked numeric	<b>Description:</b> 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.
<b>Transaction Amount</b> Positions: 59–70 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Transaction Currency Code</b> Positions: 71–73 Length: 3 Format: unpacked numeric	<b>Description:</b> This field contains the three-digit currency code of the transaction. Refer to the appropriate VisaNet user's manuals for the listing of valid currency codes.  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).

**Retrieval Request/Confirmation Edit Criteria (continued)**

<b>Merchant Name</b> Positions: 74–98 Length: 25 Format: alphanumeric	<b>Description:</b> 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.
<b>Merchant City</b> Positions: 99–111 Length: 13 Format: alphanumeric	<b>Description:</b> 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.
<b>Merchant Country Code</b> Positions: 112–114 Length: 3 Format: alphanumeric	<b>Description:</b> 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.
<b>Merchant Category Code</b> Positions: 115–118 Length: 4 Format: unpacked numeric	<b>Description:</b> 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.  <b>VIC Edit:</b> TC 52 is not valid for ATM transactions (MCC 6011).
<b>U.S. Merchant ZIP Code</b> Positions: 119–123 Length: 5 Format: unpacked numeric	<b>Description:</b> 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.
<b>Merchant State/Province Code</b> Positions: 124–126 Length: 3 Format: alphanumeric	<b>Description:</b> 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.
<b>Issuer Control Number</b> Positions: 127–135 Length: 9 Format: unpacked numeric	<b>Description:</b> 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.
<b>Request Reason Code</b> Positions: 136–137 Length: 2 Format: unpacked numeric	<b>Description:</b> This field must contain a two-digit numeric. Request transactions TC 52 must have a valid Request Reason Code.

## Retrieval Request/Confirmation Edit Criteria (continued)

<b>Settlement Flag</b> Positions: 138 Length: 1 Format: unpacked numeric	<b>Description:</b> 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.  <b>VIC Edits:</b> For outgoing and incoming transactions: If the field contains 0 or 8, the Source BIN, Destination BIN, and Merchant Currency Code must be that of the Merchant Country, if present. If the entry is 8, the Destination BIN, Source BIN, and Merchant Country Code must be for the same country.
<b>National Reimbursement Fee</b> Positions: 139–150 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Account Selection</b> Positions: 151 Length: 1 Format: alphanumeric	<b>Description:</b> 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.
<b>Retrieval Request ID</b> Positions: 152–163 Length: 12 Format: alphanumeric	<b>Description:</b> 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.
<b>Central Processing Date</b> Positions: 164–167 Length: 4 Format: unpacked numeric	<b>Description:</b> 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.  <b>VIC Edit:</b> Insert the date when the transaction was processed.  <b>Outgoing:</b> The VIC inserts the central processing date.  <b>Incoming:</b> This field must be in YDDD format.

**Retrieval Request/Confirmation Edit Criteria (continued)**

Reimbursement Attribute	Description: Obsolete – must be zero-filled.
Positions: 168 Length: 1 Format: alphanumeric	

## TC 52

## 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
41–46	6	AN	Issuer RFC BIN
47–53	7	UN	Issuer RFC Sub-Address
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
88–168	81	AN	Reserved

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



## TC 52

## TCR 1

## CTF – Outgoing and Incoming Interchange

## Retrieval Request/Confirmation Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> This field must contain 52.  The Transaction Codes is:  52 = Request for copy
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 1.
<b>Reserved</b> Positions: 5–16 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Fax Number</b> Positions: 17–32 Length: 16 Format: alphanumeric	<b>Description:</b> Fax number used for sending manual (as opposed to automated) fulfillments to the issuer.  <b>VIC Edit:</b> 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.
<b>Interface Trace Number</b> Positions: 33–38 Length: 6 Format: alphanumeric	<b>Description:</b> Reserved field.  <b>Outgoing:</b> The field is reserved and should be zero-filled.  <b>Incoming:</b> The field is reserved; it may be non-zeros.
<b>Requested Fulfillment Method</b> Positions: 39 Length: 1 Format: alphanumeric	<b>Description:</b> Code designating whether manual or automated fulfillment is being requested.  <b>VIC Edit:</b> 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.

## Retrieval Request/Confirmation Edit Criteria (continued)

<b>Established Fulfillment Method</b>  Positions: 40 Length: 1 Format: alphanumeric	<b>Description:</b> 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"> <li>• If the acquirer is automated, the VIC will overlay a 1 in the field.</li> <li>• If the acquirer is not automated, the VIC will overlay a zero in the field.</li> </ul> Otherwise, the VIC will insert a zero in the field.
<b>Issuer RFC BIN</b>  Positions: 41–46 Length: 6 Format: alphanumeric	<b>Description:</b> This field identifies the BASE II endpoint to which automated fulfillments and nonfulfillments should be routed.  <b>VIC Edit:</b> For TC 52 with a Requested Fulfillment Method of 1: <ul style="list-style-type: none"> <li>• If this field is not zeros, it must be either a valid CRM BIN or must be the BIN of Public Network Gateway.</li> <li>• If this field is zeros, the VIC will overlay the primary RFC BIN for the issuer.</li> </ul> For all other TC 52s, no edit occurs; the VIC will overlay the field with zeros.
<b>Issuer RFC Sub-Address</b>  Positions: 47–53 Length: 7 Format: unpacked numeric	<b>Description:</b> Issuer's Request for Copy secondary address.  This sub-address must be used as the destination sub-address in any automated fulfillment or nonfulfillment transaction being sent to the issuer.  For TC 52 with a Requested Fulfillment Method of 1: the field must be numeric. If the Issuer RFC BIN is the Public Network Gateway and the field is not zeros, it must have a 1 as the first character.  For all other TC 52s, no edit occurs; the VIC will overlay zeros in the field.  For automated fax issuers, this field is used to specify the issuer's Public Network Mailbox. The first character identifies the Public Network, followed by the six-digit Mailbox ID. If this field is zeros, the VIC will enter the issuer's default Mailbox ID.
<b>Issuer Billing Currency Code</b>  Positions: 54–56 Length: 3 Format: unpacked numeric	<b>Description:</b> Designates the specific currency used in billing.  This is an optional field for issuers to denote the billing currency used.
<b>Issuer Billing Transaction Amount</b>  Positions: 57–68 Length: 12 Format: alphanumeric	<b>Description:</b> 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.
<b>Transaction Identifier (TID)</b>  Positions: 69–83 Length: 15 Format: unpacked numeric	<b>Description:</b> A unique value that Visa assigns to each transaction and returns to the acquirer in the authorization response. Visa uses this value to maintain an audit trail throughout the life cycle of the transaction and all related transactions, such as reversals, adjustments, confirmations, and chargebacks.  <b>VIC Edit:</b> BASE II will zero-fill for non-CPS participating countries.  <b>National—CPS Participating Countries:</b>  If the acquirer Reference Number Format Code (in TCR 0) is 2 and the transaction is domestic, this field must be numeric.

**Retrieval Request/Confirmation Edit Criteria (continued)**

<b>Excluded Transaction Identifier Reason</b>  Positions: 84 Length: 1 Format: alphanumeric	<b>Description:</b> Code indicating that a transaction identifier is not included in the transaction. This field must contain a space.
<b>CRS Processing Code</b>  Positions: 85 Length: 1 Format: alphanumeric	<b>Description:</b> This CRS processing code will be set by BASE II when an exception item has been validated by the Chargeback Reduction Service. A transaction not qualified for CRS validations will always contain a space in this field. Valid values are:  Y = Validated (edited by CRS) Space = Not validated
<b>Multiple Clearing Sequence Number</b>  Positions: 86–87 Length: 2 Format: unpacked numeric	<b>Description:</b> 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.  <b>Outgoing:</b> For transactions from non-U.S. CPS participating merchants, the Edit Package zero-fills this field.
<b>Reserved</b>  Positions: 88–168 Length: 81 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

## TC 52

## 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
4	1	UN	Transaction Component Sequence Number
5–16	12	AN	Reserved
17–20	4	UN	Debit Product Code
21–45	25	AN	Contact for Information
46–168	123	AN	Reserved

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

## TC 52

## TCR 4

## CTF – Outgoing and Incoming Interchange

## Retrieval Request/Confirmation Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> This field must contain 52.  The Transaction Code is:  52 = Request for copy
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 4.
<b>Reserved</b> Positions: 5–16 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Debit Product Code</b> Positions: 17–20 Length: 4 Format: unpacked numeric	<b>Description:</b> 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 Debit Product Code in subsequent U.S. domestic chargebacks and retrieval requests if this field was received in the original transaction.
<b>Contact for Information</b> Positions: 21–45 Length: 25 Format: alphanumeric	<b>Description:</b> Information that assists the recipient in contacting the originator. If not used, this field should be spaces.
<b>Reserved</b> Positions: 46–168 Length: 123 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

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#### ITF – Incoming Interchange

TC 54—TABLE UPDATE RECORD TRANSACTIONS.....	54-3
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TCR 0 .....	54-4
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TC 54



## Table Update Record Transactions

### 54.1 TC 54—TABLE UPDATE RECORD TRANSACTIONS

TCR 0

ITF – Incoming Interchange

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.

## TC 54

## TCR 0

## CTF – Incoming Interchange

## 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 BIN
13–18	6	UN	Source BIN
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

## TC 54

## TCR 0

## CTF – Incoming Interchange

## Update Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field will contain 54.
<b>Record Hash Total</b> Positions: 3–4 Length: 2 Format: Binary	<b>Description:</b> 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.
<b>Transaction Code Qualifier</b> Positions: 5 Length: 1 Format: unpacked numeric	<b>Description:</b> This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.
<b>Transaction Component Sequence Number</b> Positions: 6 Length: 1 Format: unpacked numeric	<b>Description:</b> This field must contain a 0 (zero).
<b>Destination BIN</b> Positions: 7–12 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  The field will contain this center's BIN.
<b>Source BIN</b> Positions: 13–18 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN from which a BASE II transaction message is sent.  The field will contain 400008.
<b>Version Number</b> Positions: 19–22 Length: 4 Format: unpacked numeric	<b>Description:</b> This field will contain zeros.
<b>Sequence Number</b> Positions: 23–28 Length: 6 Format: unpacked numeric	<b>Description:</b> 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.
<b>Record Type</b> Positions: 29 Length: 1 Format: alphanumeric	<b>Description:</b> The values are: A = Header for a set of updates C = Account Range File Data (C for Card Number) L = Language File Data M = BIN File Data (M for member) V = Rule and Value File Data Z = Trailer for a set of updates

## Update Edit Criteria (continued)

<b>File Replacement Data</b> Positions: 30–169 Length: 140 Format: Group	<b>Description:</b> This element contains the data needed to update the center's Edit Package files.
<b>File Image</b> Positions: 30 Length: 1 Format: alphanumeric	<b>Description:</b> This field contains either an A or B and identifies the image of the file to be updated (for example, either the A image or the B image).
<b>File Updated</b> Positions: 31 Length: 1 Format: alphanumeric	<b>Description:</b> This field specifies the file to be updated:  A = Account Range B = BIN L = Language R = Rule Space = All files (required for update modes R or C)
<b>Update Mode</b> Positions: 32 Length: 1 Format: alphanumeric	<b>Description:</b> This field specifies the type of update:  C = Copy R = Complete replace S = Single update
<b>Update Mode</b> Positions: 33–169 Length: 137 Format: alphanumeric	<b>Description:</b> This field is reserved and should be spaces.  Content for this field varies based on Record Type.  For Record Type C, L, M, V.
<b>Record Type</b> Positions: 30–129 Length: 100 Format: alphanumeric	<b>Description:</b> This field contains a record of the Table File indicated in the Record Type field.
<b>Reserved</b> Positions: 130–169 Length: 40 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Reimbursement Attribute</b> Positions: 170 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete - must be zero-filled.

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TC 54

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**CTF – Incoming Interchange**

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**55.1 TC 55—RCRF UPDATE RECORD TRANSACTIONS**

TCR 0, 1, 2

CTF – Incoming Interchange

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

## TC 55

## 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 BIN
11–16	6	UN	Source BIN
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

## TC 55

## TCR 0

## CTF – Incoming Interchange

## RCRF Update Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field will contain 55.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field will contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field will contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  The field will contain a valid BIN.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN from which a BASE II transaction message is sent.  The field will contain a valid Visa Internal BIN.
<b>Transaction Data</b> Positions: 17–116 Length: 100 Format: alphanumeric	<b>Description:</b> Refer to the <i>Card Recovery Bulletin User's Guide</i> for specific transaction data information.
<b>Record ID</b> Positions: 117–120 Length: 4 Format: alphanumeric	<b>Description:</b> Identifies the type of record.  Valid values for this field are:  RCRF = Regional Card Recovery File transactions ABCS = ABCS transactions EHCF = Electronic HotCard File transactions COPA = COPAC Negative File transactions (Obsolete)
<b>Transaction Data</b> Positions: 121–167 Length: 47 Format: alphanumeric	<b>Description:</b> Refer to the <i>Card Recovery Bulletin User's Guide</i> for specific transaction data information.

**RCRF Update Edit Criteria (continued)**

Reimbursement Attribute	Description: Obsolete – must be zero-filled.
Positions: 168 Length: 1 Format: alphanumeric	

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TC 55

## TC 55

## 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

## TC 55

## TCR 1-2

## CTF – Incoming Interchange

## RCRF Update Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field will contain 55.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field will contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field will contain a 1 or 2.
<b>Transaction Data</b> Positions: 5–168 Length: 164 Format: alphanumeric	<b>Description:</b> Refer to the <i>Card Recovery Bulletin User's Guide</i> for specific transaction data information.

**TC 55****TCR 1, 2 — (OUTGOING INTERCHANGE), TCR 3–7 (OUTGOING AND INCOMING)****CTF – Outgoing and 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 (Reserved for future use)

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



## TC 55

## TCR 1, 2 — (OUTGOING INTERCHANGE), TCR 3–7 (OUTGOING AND INCOMING)

## CTF – Outgoing and Incoming Interchange

## RCRF Update Edit Criteria

<b>Transaction Code</b> Positions: 1-2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field will contain 55.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field will contain 1 through 7.
<b>Transaction Data</b> Positions: 5-168 Length: 164 Format: alphanumeric	<b>Description:</b> Refer to the <i>Card Recovery Bulletin User's Guide</i> for specific transaction data information.

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TC 55



TC 56.....56-1

**CTF – Incoming Interchange**

TC 56—CURRENCY CONVERSION RATE UPDATE RECORD TRANSACTIONS.....56-3

TCR 0 .....56-4

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TC 56

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**56.1 TC 56—CURRENCY CONVERSION RATE UPDATE RECORD TRANSACTIONS**

TCR 0, 1

CTF – Incoming Interchange

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

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

## 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 BIN
11–16	6	UN	Source BIN
17–43	27	Group	First Currency Entry
44–70	27	Group	Second Currency Entry
71–97	27	Group	Third Currency Entry
98–124	27	Group	Fourth Currency Entry
125–151	27	Group	Fifth Currency Entry
152–168	17	AN	Reserved

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

## TC 56

## TCR 0

## CTF – Incoming Interchange

## Currency Conversion Rate Update Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field will contain 56.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field will contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field will contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  <b>NOTE:</b> <i>The field will contain a valid BIN.</i>
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN from which a BASE II transaction message is sent.  <b>Incoming:</b> This field must contain 400020.  <b>NOTE:</b> <i>The field must contain a valid BIN.</i>
<b>First Currency Entry</b> Positions: 17–43 Length: 27 Format: Group	<b>Description:</b> The entry contains the ISO numeric Currency Code of the first counter currency.
<b>Action Code</b> Positions: 17 Length: 1 Format: alphanumeric	<b>Description:</b> 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
<b>Counter Currency Code</b> Positions: 18–20 Length: 3 Format: alphanumeric	<b>Description:</b> ISO numeric Currency Code of the counter currency.

**Currency Conversion Rate Update Edit Criteria (continued)**

<b>Base Currency Code</b> Positions: 21–23 Length: 3 Format: alphanumeric	<b>Description:</b> ISO numeric Currency Code of the base currency.
<b>Effective Date</b> Positions: 24–27 Length: 4 Format: unpacked numeric	<b>Description:</b> The format of this field is MMDD (month, day).
<b>Buy Scale Factor and Rate</b> Positions: 28–35 Length: 8 Format: unpacked numeric	<b>Description:</b> 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"> <li>• A scale factor of zero means the entry is a whole number.</li> <li>• A scale factor of 01 means the number has one decimal place accuracy: RRRRR.R is entered as 01RRRRRR.</li> <li>• A scale factor of 02 means the number has two decimal places accuracy: RRRR.RR is entered as 02RRRRRR, and so forth.</li> <li>• For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRRR is entered as 08RRRRRR.</li> </ul>
<b>Sell Scale Factor and Rate</b> Positions: 36–43 Length: 8 Format: unpacked numeric	<b>Description:</b> The number of units of base currency received from selling one unit of counter currency.  The sell conversion rate applied to the 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"> <li>• A scale factor of zeros means the entry is a whole number.</li> <li>• A scale factor of 01 means the number has one decimal place accuracy: RRRRR.R is entered as 01RRRRRR.</li> <li>• A scale factor of 02 means the number has two decimal places accuracy: RRRR.RR is entered as 02RRRRRR, and so forth.</li> <li>• For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRRR is entered as 08RRRRRR.</li> </ul>
<b>Second Currency Entry</b> Positions: 44–70 Length: 27 Format: Group	<b>Description:</b> The entry contains the ISO numeric Currency Code of the second counter currency.



**Currency Conversion Rate Update Edit Criteria (continued)**

<b>Action Code</b> Positions: 44 Length: 1 Format: alphanumeric	<b>Description:</b> 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
<b>Counter Currency Code</b> Positions: 45–47 Length: 3 Format: alphanumeric	<b>Description:</b> ISO numeric Currency Code of the counter currency.
<b>Base Currency Code</b> Positions: 48–50 Length: 3 Format: alphanumeric	<b>Description:</b> ISO numeric Currency Code of the base currency.
<b>Effective Date</b> Positions: 51–54 Length: 4 Format: unpacked numeric	<b>Description:</b> The format of this field is MMDD (month, day).
<b>Buy Scale Factor and Rate</b> Positions: 55–62 Length: 8 Format: unpacked numeric	<b>Description:</b> 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"> <li>• A scale factor of zero means the entry is a whole number.</li> <li>• A scale factor of 01 means the number has one decimal place accuracy: RRRRR.R is entered as 01RRRRRR).</li> <li>• A scale factor of 02 means the number has two decimal places accuracy: RRRR.RR is entered as 02RRRRRR, and so forth.</li> <li>• For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRRR is entered as 08RRRRRR.</li> </ul>

**Currency Conversion Rate Update Edit Criteria (continued)**

<b>Sell Scale Factor and Rate</b>  Positions: 63–70 Length: 8 Format: unpacked numeric	<b>Description:</b> The number of units of base currency received from selling one unit of counter currency.  The sell conversion rate applied to the 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"> <li>• A scale factor of zeros means the entry is a whole number.</li> <li>• A scale factor of 01 means the number has one decimal place accuracy: RRRRR.R is entered as 01RRRRRR.</li> <li>• A scale factor of 02 means the number has two decimal places accuracy: RRRR.RR is entered as 02 RRRRRR, and so forth.</li> <li>• For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRRR is entered as 08RRRRRR.</li> </ul>
<b>Third Currency Entry</b>  Positions: 71–97 Length: 27 Format: Group	<b>Description:</b> The entry contains the ISO numeric Currency Code of the third counter currency
<b>Action Code</b>  Positions: 71 Length: 1 Format: alphanumeric	<b>Description:</b> The full file distribution has an action code of A. The unused entries are spaces, which indicate the end of the record.  A = Add rate  * = Add currency type
<b>Counter Currency Code</b>  Positions: 72–74 Length: 3 Format: alphanumeric	<b>Description:</b> ISO numeric Currency Code of the counter currency. ISO numeric Currency Code of the counter currency.
<b>Base Currency Code</b>  Positions: 75–77 Length: 3 Format: alphanumeric	<b>Description:</b> ISO numeric Currency Code of the base currency.  <b>NOTE:</b> <i>This field must contain a space.</i>
<b>Effective Date</b>  Positions: 78–81 Length: 4 Format: unpacked numeric	<b>Description:</b> The format of this field is MMDD (month, day).

**Currency Conversion Rate Update Edit Criteria (continued)**

<b>Buy Scale Factor and Rate</b>  Positions: 82–89 Length: 8 Format: unpacked numeric	<b>Description:</b> 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"> <li>• A scale factor of zero means the entry is a whole number.</li> <li>• A scale factor of 01 means the number has one decimal place accuracy: RRRRR.R is entered as 01RRRRRR.</li> <li>• A scale factor of 02 means the number has two decimal places accuracy: RRRR.RR is entered as 02RRRRRR, and so forth.</li> <li>• For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRRR is entered as 08RRRRRR.</li> </ul>
<b>Sell Scale Factor and Rate</b>  Positions: 90–97 Length: 8 Format: unpacked numeric	<b>Description:</b> The number of units of base currency received from selling one unit of counter currency.  The sell conversion rate applied to the 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"> <li>• A scale factor of zeros means the entry is a whole number.</li> <li>• A scale factor of 01 means the number has one decimal place accuracy: RRRRR.R is entered as 01RRRRRR.</li> <li>• A scale factor of 02 means the number has two decimal places accuracy: RRRR.RR is entered as 02 RRRRRR, and so forth.</li> <li>• For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRRR is entered as 08RRRRRR.</li> <li>•</li> </ul>
<b>Fourth Currency Entry</b>  Positions: 98–124 Length: 27 Format: Group	<b>Description:</b> The entry contains the ISO numeric Currency Code of the fourth counter currency.
<b>Action Code</b>  Positions: 98 Length: 1 Format: alphanumeric	<b>Description:</b> 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
<b>Counter Currency Code</b>  Positions: 99–101 Length: 3 Format: alphanumeric	<b>Description:</b> ISO numeric Currency Code of the counter currency.

**Currency Conversion Rate Update Edit Criteria (continued)**

<b>Base Currency Code</b> Positions: 102–104 Length: 3 Format: alphanumeric	<b>Description:</b> ISO numeric Currency Code of the base currency.
<b>Effective Date</b> Positions: 105–108 Length: 4 Format: unpacked numeric	<b>Description:</b> The format of this field is MMDD (month, day).
<b>Buy Scale Factor and Rate</b> Positions: 109–116 Length: 8 Format: unpacked numeric	<b>Description:</b> 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"> <li>• A scale factor of zero means the entry is a whole number.</li> <li>• A scale factor of 01 means the number has one decimal place accuracy: RRRRR.R is entered as 01RRRRRR.</li> <li>• A scale factor of 02 means the number has two decimal places accuracy: RRRR.RR is entered as 02RRRRRR, and so forth.</li> <li>• For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRRR is entered as 08RRRRRR.</li> </ul>
<b>Sell Scale Factor and Rate</b> Positions: 117–124 Length: 8 Format: unpacked numeric	<b>Description:</b> The sell conversion rate applied to the currency.  The number of units of base currency received from selling 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"> <li>• A scale factor of zeros means the entry is a whole number.</li> <li>• A scale factor of 01 means the number has one decimal place accuracy: RRRRR.R is entered as 01RRRRRR.</li> <li>• A scale factor of 02 means the number has two decimal places accuracy: RRRR.RR is entered as 02 RRRRRR, and so forth.</li> <li>• For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRRR is entered as 08RRRRRR.</li> </ul>
<b>Fifth Currency Entry</b> Positions: 125–151 Length: 27 Format: Group	<b>Description:</b> The entry contains the ISO numeric Currency Code of the fifth counter currency.
<b>Action Code</b> Positions: 125 Length: 1 Format: alphanumeric	<b>Description:</b> 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 (continued)**

<b>Counter Currency Code</b> Positions: 126–128 Length: 3 Format: alphanumeric	<b>Description:</b> ISO numeric Currency Code of the counter currency.
<b>Base Currency Code</b> Positions: 129–131 Length: 3 Format: alphanumeric	<b>Description:</b> ISO numeric Currency Code of the base currency.
<b>Effective Date</b> Positions: 132–35 Length: 4 Format: unpacked numeric	<b>Description:</b> The format of this field is MMDD (month, day).
<b>Buy Scale Factor and Rate</b> Positions: 136–143 Length: 8 Format: unpacked numeric	<b>Description:</b> 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"> <li>• A scale factor of zero means the entry is a whole number</li> <li>• A scale factor of 01 means the number has one decimal place accuracy: RRRRR.R is entered as 01RRRRRR.</li> <li>• A scale factor of 02 means the number has two decimal places accuracy: RRRR.RR is entered as 02RRRRRR, and so forth.</li> <li>• For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRRR is entered as 08RRRRRR.</li> </ul>
<b>Sell Scale Factor and Rate</b> Positions: 144–151 Length: 8 Format: unpacked numeric	<b>Description:</b> The sell conversion rate applied to the currency.  The number of units of base currency received from selling 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"> <li>• A scale factor of zeros means the entry is a whole number.</li> <li>• A scale factor of 01 means the number has one decimal place accuracy: RRRRR.R is entered as 01RRRRRR.</li> <li>• A scale factor of 02 means the number has two decimal places accuracy: RRRR.RR is entered as 02 RRRRRR, and so forth.</li> <li>• For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRRR is entered as 08RRRRRR.</li> </ul>
<b>Reserved</b> Positions: 152–168 Length: 17 Format: alphanumeric	<b>Description:</b> Reserved for future use. EP will always space-fill.

## TC 56

## TCR 1

## CTF – Incoming Interchange

**NOTE:** 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.

## 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
5–31	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

## TC 56

## TCR 1

## CTF – Incoming Interchange

## Currency Conversion Rate Update Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field will contain 56.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> This field will contain a zero.  <b>NOTE:</b> <i>This edit will continue to be performed by the Edit Package when the Bypass Business Edits option is used during an outgoing edit run.</i>
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> This field will contain a 1.
<b>Sixth Currency Entry</b> Positions: 5–31 Length: 27 Format: Group	<b>Description:</b> The entry contains the ISO numeric Currency Code of the sixth counter currency.
<b>Action Code</b> Positions: 5 Length: 1 Format: alphanumeric	<b>Description:</b> 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
<b>Counter Currency Code</b> Positions: 6–8 Length: 3 Format: alphanumeric	<b>Description:</b> ISO numeric Currency Code of the counter currency.
<b>Base Currency Code</b> Positions: 9–11 Length: 3 Format: alphanumeric	<b>Description:</b> ISO numeric Currency Code of the base currency.
<b>Effective Date</b> Positions: 12–15 Length: 4 Format: unpacked numeric	<b>Description:</b> The format of this field is MMDD (month, day).

**Currency Conversion Rate Update Edit Criteria (continued)**

<b>Buy Scale Factor and Rate</b>  Positions: 16–23 Length: 8 Format: unpacked numeric	<b>Description:</b> 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"> <li>• A scale factor of zeros means the entry is a whole number.</li> <li>• A scale factor of 01 means the number has one decimal place accuracy; RRRRR.R is entered as 01RRRRRR.</li> <li>• A scale factor of 02 means the number has two decimal places accuracy: RRRR.RR is entered as 02RRRRRR and so forth.</li> <li>• For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRRR is entered as 08RRRRRR.</li> </ul>
<b>Sell Scale Factor and Rate</b>  Positions: 24–31 Length: 8 Format: unpacked numeric	<b>Description:</b> The sell conversion rate applied to the currency.  The number of units of base currency received from selling 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"> <li>• A scale factor of zeros means the entry is a whole number.</li> <li>• A scale factor of 01 means the number has one decimal place accuracy; RRRRR.R is entered as 01RRRRRR.</li> <li>• A scale factor of 02 means the number has two decimal places accuracy: RRRR.RR is entered as 02RRRRRR and so forth.</li> <li>• For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRRR is entered as 08RRRRRR.</li> </ul>
<b>Seventh Currency Entry</b>  Positions: 32–58 Length: 27 Format: Group	<b>Description:</b> The entry contains the ISO numeric Currency Code of the seventh counter currency.
<b>Action Code</b>  Positions: 32 Length: 1 Format: alphanumeric	<b>Description:</b> 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
<b>Counter Currency Code</b>  Positions: 33–35 Length: 3 Format: alphanumeric	<b>Description:</b> ISO numeric Currency Code of the counter currency.
<b>Base Currency Code</b>  Positions: 36–38 Length: 3 Format: alphanumeric	<b>Description:</b> ISO numeric Currency Code of the base currency.



**Currency Conversion Rate Update Edit Criteria (continued)**

<b>Effective Date</b> Positions: 39–42 Length: 4 Format: unpacked numeric	<b>Description:</b> The format of this field is MMDD (month, day).
<b>Buy Scale Factor and Rate</b> Positions: 43–50 Length: 8 Format: unpacked numeric	<b>Description:</b> 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"> <li>• A scale factor of zeros means the entry is a whole number.</li> <li>• A scale factor of 01 means the number has one decimal place accuracy; RRRRR.R is entered as 01RRRRRR.</li> <li>• A scale factor of 02 means the number has two decimal places accuracy: RRRR.RR is entered as 02RRRRRR and so forth.</li> <li>• For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRRR is entered as 08RRRRRR</li> </ul>
<b>Sell Scale Factor and Rate</b> Positions: 51–58 Length: 8 Format: unpacked numeric	<b>Description:</b> The sell conversion rate applied to the currency.  The number of units of base currency received from selling 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"> <li>• A scale factor of zeros means the entry is a whole number.</li> <li>• A scale factor of 01 means the number has one decimal place accuracy; RRRRR.R is entered as 01RRRRRR.</li> <li>• A scale factor of 02 means the number has two decimal places accuracy: RRRR.RR is entered as 02RRRRRR and so forth.</li> <li>• For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRRR is entered as 08RRRRRR.</li> </ul>
<b>Eighth Currency Entry</b> Positions: 59–85 Length: 27 Format: Group	<b>Description:</b> The entry contains the ISO numeric Currency Code of the eighth counter currency.
<b>Action Code</b> Positions: 59 Length: 1 Format: alphanumeric	<b>Description:</b> The full file distribution has an action code of A. The unused entries are spaces, which indicate the end of the record.  A = Add rate  * = Add currency type
<b>Counter Currency Code</b> Positions: 60–62 Length: 3 Format: alphanumeric	<b>Description:</b> ISO numeric Currency Code of the counter currency.

**Currency Conversion Rate Update Edit Criteria (continued)**

<b>Base Currency Code</b> Positions: 63–65 Length: 3 Format: alphanumeric	<b>Description:</b> ISO numeric Currency Code of the base currency.
<b>Effective Date</b> Positions: 66–69 Length: 4 Format: unpacked numeric	<b>Description:</b> The format of this field is MMDD (month, day).
<b>Buy Scale Factor and Rate</b> Positions: 70–77 Length: 8 Format: unpacked numeric	<b>Description:</b> 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"> <li>• A scale factor of zeros means the entry is a whole number.</li> <li>• A scale factor of 01 means the number has one decimal place accuracy; RRRRRR.R is entered as 01RRRRRR.</li> <li>• A scale factor of 02 means the number has two decimal places accuracy: RRRR.RR is entered as 02RRRRRR and so forth.</li> <li>• For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRRR is entered as 08RRRRRR.</li> </ul>
<b>Sell Scale Factor and Rate</b> Positions: 78–85 Length: 8 Format: unpacked numeric	<b>Description:</b> The sell conversion rate applied to the currency.  The number of units of base currency received from selling 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"> <li>• A scale factor of zeros means the entry is a whole number.</li> <li>• A scale factor of 01 means the number has one decimal place accuracy; RRRRRR.R is entered as 01RRRRRR.</li> <li>• A scale factor of 02 means the number has two decimal places accuracy: RRRR.RR is entered as 02RRRRRR and so forth.</li> <li>• For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRRR is entered as 08RRRRRR.</li> </ul>
<b>Ninth Currency Entry</b> Positions: 86–112 Length: 27 Format: Group	<b>Description:</b> The entry contains the ISO numeric Currency Code of the fifth counter currency.
<b>Action Code</b> Positions: 86 Length: 1 Format: alphanumeric	<b>Description:</b> 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 (continued)**

<b>Counter Currency Code</b> Positions: 87–89 Length: 3 Format: alphanumeric	<b>Description:</b> ISO numeric Currency Code of the counter currency.
<b>Base Currency Code</b> Positions: 90–92 Length: 3 Format: alphanumeric	<b>Description:</b> ISO numeric Currency Code of the base currency.
<b>Effective Date</b> Positions: 93–96 Length: 4 Format: unpacked numeric	<b>Description:</b> The format of this field is MMDD (month, day).
<b>Buy Scale Factor and Rate</b> Positions: 97–104 Length: 8 Format: unpacked numeric	<b>Description:</b> 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"> <li>• A scale factor of zeros means the entry is a whole number.</li> <li>• A scale factor of 01 means the number has one decimal place accuracy; RRRRR.R is entered as 01RRRRRR.</li> <li>• A scale factor of 02 means the number has two decimal places accuracy: RRRR.RR is entered as 02RRRRRR and so forth.</li> <li>• For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRRR is entered as 08RRRRRR.</li> </ul>
<b>Sell Scale Factor and Rate</b> Positions: 105–112 Length: 8 Format: unpacked numeric	<b>Description:</b> The sell conversion rate applied to the currency.  The number of units of base currency received from selling 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"> <li>• A scale factor of zeros means the entry is a whole number.</li> <li>• A scale factor of 01 means the number has one decimal place accuracy; RRRRR.R is entered as 01RRRRRR.</li> <li>• A scale factor of 02 means the number has two decimal places accuracy: RRRR.RR is entered as 02RRRRRR and so forth.</li> <li>• For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRRR is entered as 08RRRRRR.</li> </ul>
<b>Tenth Currency Entry</b> Positions: 113–139 Length: 27 Format: Group	<b>Description:</b> The entry contains the ISO numeric Currency Code of the tenth counter currency.

**Currency Conversion Rate Update Edit Criteria (continued)**

<b>Action Code</b> Positions: 113 Length: 1 Format: alphanumeric	<b>Description:</b> 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
<b>Counter Currency Code</b> Positions: 114–116 Length: 3 Format: alphanumeric	<b>Description:</b> ISO numeric Currency Code of the counter currency.
<b>Base Currency Code</b> Positions: 117–119 Length: 3 Format: alphanumeric	<b>Description:</b> ISO numeric Currency Code of the base currency.
<b>Effective Date</b> Positions: 120–123 Length: 4 Format: unpacked numeric	<b>Description:</b> The format of this field is MMDD (month, day).
<b>Buy Scale Factor and Rate</b> Positions: 124–131 Length: 8 Format: unpacked numeric	<b>Description:</b> 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"> <li>• A scale factor of zeros means the entry is a whole number.</li> <li>• A scale factor of 01 means the number has one decimal place accuracy; RRRRRR.R is entered as 01RRRRRR.</li> <li>• A scale factor of 02 means the number has two decimal places accuracy: RRRR.RR is entered as 02RRRRRR and so forth.</li> <li>• For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRRR is entered as 08RRRRRR.</li> </ul>
<b>Sell Scale Factor and Rate</b> Positions: 132–139 Length: 8 Format: unpacked numeric	<b>Description:</b> The sell conversion rate applied to the currency.  The number of units of base currency received from selling 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"> <li>• A scale factor of zeros means the entry is a whole number.</li> <li>• A scale factor of 01 means the number has one decimal place accuracy; RRRRRR.R is entered as 01RRRRRR.</li> <li>• A scale factor of 02 means the number has two decimal places accuracy: RRRR.RR is entered as 02RRRRRR and so forth</li> <li>• For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRRR is entered as 08RRRRRR.</li> </ul>

**Currency Conversion Rate Update Edit Criteria (continued)**

<b>Eleventh Currency Entry</b> Positions: 140–166 Length: 27 Format: Group	<b>Description:</b> The entry contains the ISO numeric Currency Code of the tenth counter currency.
<b>Action Code</b> Positions: 140 Length: 1 Format: alphanumeric	<b>Description:</b> 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
<b>Counter Currency Code</b> Positions: 141–143 Length: 3 Format: alphanumeric	<b>Description:</b> ISO numeric Currency Code of the counter currency.
<b>Base Currency Code</b> Positions: 144–146 Length: 3 Format: alphanumeric	<b>Description:</b> ISO numeric Currency Code of the base currency.
<b>Effective Date</b> Positions: 147–150 Length: 4 Format: unpacked numeric	<b>Description:</b> The format of this field is MMDD (month, day).
<b>Buy Scale Factor and Rate</b> Positions: 151–158 Length: 8 Format: unpacked numeric	<b>Description:</b> 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"> <li>• A scale factor of zeros means the entry is a whole number.</li> <li>• A scale factor of 01 means the number has one decimal place accuracy; RRRRR.R is entered as 01RRRRRR.</li> <li>• A scale factor of 02 means the number has two decimal places accuracy: RRRR.RR is entered as 02RRRRRR and so forth.</li> <li>• For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRRR is entered as 08RRRRRR.</li> </ul>

**Currency Conversion Rate Update Edit Criteria (continued)**

<b>Sell Scale Factor and Rate</b>  Positions: 159–166 Length: 8 Format: unpacked numeric	<b>Description:</b> The number of units of base currency received from selling 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"> <li>• A scale factor of zeros means the entry is a whole number.</li> <li>• A scale factor of 01 means the number has one decimal place accuracy; RRRRR.R is entered as 01RRRRRR.</li> <li>• A scale factor of 02 means the number has two decimal places accuracy: RRRR.RR is entered as 02RRRRRR and so forth.</li> <li>• For a scale factor greater than 6, as many leading zeros as necessary should be inserted; for example, .00RRRRRR is entered as 08RRRRRR</li> </ul>
<b>Reserved</b>  Positions: 167–168 Length: 2 Format: alphanumeric	<b>Description:</b> Reserved for future use. EP will always space-fill.

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## CTF – Outgoing and Incoming Interchange

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**57.1 TC 57—DATA CAPTURE ADVICE TRANSACTIONS**

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

CTF – Outgoing and Incoming Interchange

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.

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. The tables in this section show record layouts and field edits for each of the record types.

**Batch Header**—Contains merchant and terminal information

**Cardholder Transaction Detail**—Contains individual transaction information

**Batch Trailer**—Contains balancing information

Please refer to the *VisaNet POS Services Technical User's Guide* and *File Formats Manual* for additional information on TC 57 Data Capture Advice transactions and records.

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 the *VisaNet Data Capture Service User's Manual* for more information on the Data Capture Service.

## TC 57

## TCR 0 — 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
5–10	6	UN	Destination BIN
11–16	6	UN	Source BIN
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

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

**Data Capture Advice Record Layout (continued)**

Position	Field Length	Format	Contents
168	1	AN	Reimbursement Attribute
Format: AN = Alphanumeric, DX = Display Hexadecimal, N = Numeric, UN = Unpacked Numeric			

## TC 57

## TCR 0 — BATCH HEADER

## CTF – Outgoing and Incoming Interchange

## Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  The field must contain a valid acquiring BIN with a relationship with the data capture service provider.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The field must contain the BIN of the data capture service provider.
<b>Reserved</b> Positions: 17–22 Length: 6 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Transaction Amount</b> Positions: 23–34 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Reserved</b> Positions: 35–37 Length: 3 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Draft Flag</b> Positions: 38 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates if draft submitted. This field may contain any alphanumeric value.  N = No draft submitted (default).

## Data Capture Advice Edit Criteria (continued)

<b>Central Processing Date</b> Positions: 39–42 Length: 4 Format: unpacked numeric	<b>Description:</b> 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.  <b>Outgoing:</b> The field must be a numeric. <b>Incoming:</b> The field will contain a valid YDDD (year and Julian day) date.
<b>Record Format Code</b> Positions: 43–44 Length: 2 Format: alphanumeric	<b>Description:</b> Identifies the type of data in this record.  The field must contain DC.
<b>Reversal Flag</b> Positions: 45 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates if this is a reversal.  The field must be space-filled or contain an R.  Blank = Nonreversal (default) R = Reversal
<b>Reserved</b> Positions: 46–68 Length: 23 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Data Capture Processing Date</b> Positions: 69–72 Length: 4 Format: unpacked numeric	<b>Description:</b> Date TC 57 created. The format for this field is YDDD (Julian Date).  This date cannot be greater than the Edit Package processing date.
<b>Reserved</b> Positions: 73–74 Length: 2 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Agent</b> Positions: 75–80 Length: 6 Format: unpacked numeric	<b>Description:</b> 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 BIN and chain.
<b>Chain</b> Positions: 81–86 Length: 6 Format: unpacked numeric	<b>Description:</b> Indicates name of merchant chain.  The field must be numeric and may contain a zero. If not zero, provides a level of reporting between BIN and chain.
<b>Merchant Number</b> Positions: 87–102 Length: 16 Format: unpacked numeric	<b>Description:</b> 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.
<b>Store Number</b> Positions: 103–106 Length: 4 Format: unpacked numeric	<b>Description:</b> Number identifying the merchant location where the transaction took place. Assigned by acquirer.  The field must be numeric and may contain a zero.

## Data Capture Advice Edit Criteria (continued)

<b>Terminal Number</b> Positions: 107–110 Length: 4 Format: unpacked numeric	<b>Description:</b> Number identifying the actual terminal involved in a given transaction. Assigned by acquirer.  The field must be numeric and may contain a zero.
<b>Merchant Batch Number</b> Positions: 111–115 Length: 5 Format: unpacked numeric	<b>Description:</b> Number assigned by the merchant terminal identifying a particular set of transaction records.  The field must be numeric and greater than zero.
<b>Merchant Batch Date</b> Positions: 116–119 Length: 4 Format: unpacked numeric	<b>Description:</b> Date on which merchant transmitted the batch to the VIC.  The format of this field is MMDD.
<b>Discover Merchant ID</b> Positions: 120–134 Length: 15 Format: alphanumeric	<b>Description:</b> 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.
<b>Batch Transmit Time</b> Positions: 135–140 Length: 6 Format: unpacked numeric	<b>Description:</b> 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
<b>Time Zone</b> Positions: 141–143 Length: 3 Format: alphanumeric	<b>Description:</b> 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.
<b>GMT Offset</b> Positions: 144–146 Length: 3 Format: alphanumeric	<b>Description:</b> Greenwich mean time offset.
<b>Merchant Security Code</b> Positions: 147–151 Length: 5 Format: unpacked numeric	<b>Description:</b> Merchant security code, used for Merchant Data Capture (MDC) only.
<b>Reserved</b> Positions: 152–153 Length: 2 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Internal Merchant Batch Key</b> Positions: 154–166 Length: 13 Format: alphanumeric	<b>Description:</b> 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 (continued)**

<b>Record Type</b> Positions: 167 Length: 1 Format: alphanumeric	<b>Description:</b> Type of record.  The entry will be a 1 for a Merchant Batch Header.
<b>Reimbursement Attribute</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete – must be zero-filled.

## TC 57

## TCR 0 — BATCH HEADER (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 BIN
11–16	6	UN	Source BIN
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



## TC 57

## TCR 0 — BATCH HEADER (KOREA)

## CTF – Outgoing and Incoming Interchange

## Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  The field must contain a valid acquiring BIN with a relationship with the data capture service provider.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The field must contain the BIN of the data capture service provider.
<b>Third-Party Processor Business ID</b> Positions: 17–31 Length: 15 Format: alphanumeric	<b>Description:</b> The field must contain the business ID of the data capture service provider or space when not applicable.
<b>Central Processing Date</b> Positions: 32–35 Length: 4 Format: unpacked numeric	<b>Description:</b> 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.  <b>Outgoing:</b> The field must be a numeric. <b>Incoming:</b> The field will contain a valid YDDD (year and Julian day) date.
<b>Reserved</b> Positions: 36–42 Length: 7 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Record Format Code (KR)</b> Positions: 43–44 Length: 2 Format: alphanumeric	<b>Description:</b> Identifies the type of data in this record.  The field must contain KR (Korea).

## Data Capture Advice Edit Criteria (continued)

<b>Reserved</b> Positions: 45–152 Length: 108 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Data Capture Processing Date</b> Positions: 153–160 Length: 8 Format: unpacked numeric	<b>Description:</b> Date TC 57 created. This field must contain a data capture processing date in the format YYYYMMDD (Year, Month and Day).
<b>Batch Creation Time</b> Positions: 161–166 Length: 6 Format: unpacked numeric	<b>Description:</b> Time the batch was created. This field must contain a batch creation date in the format HHMMSS (Hour, Minute and Second).
<b>Record Type</b> Positions: 167 Length: 1 Format: alphanumeric	<b>Description:</b> Type of record. The entry must be a 1 for a Merchant Batch Header.
<b>Reimbursement Attribute</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete – must be zero-filled.

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TC 57

## TC 57

## TCR 1 — 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	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
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

## TC 57

## TCR 1 — BATCH HEADER

## CTF – Outgoing and Incoming Interchange

## Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 1 and must follow TCR 0.
<b>Reserved</b> Positions: 5–16 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Device Code</b> Positions: 17 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates type of terminal.  A 5 sent from the terminal indicates a Visa-certified second-generation dial terminal.
<b>Reserved</b> Positions: 18–21 Length: 4 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Internal Terminal Serial Number</b> Positions: 22–29 Length: 8 Format: alphanumeric	<b>Description:</b> Internal serial number identifying the actual terminal involved in a given transaction.
<b>Merchant Category Code</b> Positions: 30–33 Length: 4 Format: unpacked numeric	<b>Description:</b> Indicates merchant's type of business product or service. The field must contain a valid Merchant Category Code.
<b>Merchant Name</b> Positions: 34–58 Length: 25 Format: alphanumeric	<b>Description:</b> Name of merchant that generated the transaction.  The first position of this field may not be a space.

## Data Capture Advice Edit Criteria (continued)

<b>Merchant City</b> Positions: 59–71 Length: 13 Format: alphanumeric	<b>Description:</b> City in which merchant is located.  The first position of this field may not be a space.
<b>Merchant State/Province Code</b> Positions: 72–74 Length: 3 Format: alphanumeric	<b>Description:</b> 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.
<b>Merchant Country Code</b> Positions: 75–77 Length: 3 Format: alphanumeric	<b>Description:</b> Code designating country of merchant location where the actual transaction took place.  The field must contain a valid Country Code.
<b>Merchant ZIP Code</b> Positions: 78–82 Length: 5 Format: unpacked numeric	<b>Description:</b> Code designating ZIP code of merchant location where the actual transaction took place.  The field must be numeric.
<b>Reserved</b> Positions: 83–86 Length: 4 Format: unpacked numeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Transmission Route</b> Positions: 87 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates method/route of data transmission.
<b>Terminal Locator Number</b> Positions: 88–92 Length: 5 Format: unpacked numeric	<b>Description:</b> Number indicating terminal location.
<b>Reserved</b> Positions: 93–153 Length: 61 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Internal Merchant Batch Key</b> Positions: 154–166 Length: 13 Format: alphanumeric	<b>Description:</b> 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.
<b>Record Type</b> Positions: 167 Length: 1 Format: alphanumeric	<b>Description:</b> Type of record.  The entry will be a 1 for a Merchant Batch Header.
<b>Reserved</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

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TC 57

## TC 57

## 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



## TC 57

## TCR 2 — AMERICAN EXPRESS BATCH HEADER

## CTF – Outgoing and Incoming Interchange

## Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 2. This record must follow the TCR 1.
<b>Reserved</b> Positions: 5–16 Length: 6 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Service Establishment Number</b> Positions: 17–26 Length: 10 Format: alphanumeric	<b>Description:</b> Identifies the merchant. The field must contain a valid Service Establishment Number. It must be numeric and pass the modulus-10 check digit routine.
<b>Format Code</b> Positions: 27–28 Length: 2 Format: alphanumeric	<b>Description:</b> Identifies the type of transaction. The field must contain a 02, 03, 05, 10, 11, 12, or 20.  The Format Codes are as follows:  02 = General Merchandise 03 = General Merchandise 05 = Automobile Rental 10 = General Merchandise 11 = Lodging 12 = Restaurant 20 = General Merchandise
<b>Invoice Batch</b> Positions: 29–31 Length: 3 Format: unpacked numeric	<b>Description:</b> Code identifying the batch containing the invoice. The field must be numeric and greater than zero.

## Data Capture Advice Edit Criteria (continued)

<b>Invoice Sub-Code</b> Positions: 32–33 Length: 2 Format: unpacked numeric	<b>Description:</b> The sub-code indicating invoice batch. The field must be numeric and may be zeros.
<b>Process Control ID</b> Positions: 34–39 Length: 6 Format: unpacked numeric	<b>Description:</b> Identifies the control record. The field must be numeric and greater than zero.
<b>File Sequence Number</b> Positions: 40–45 Length: 6 Format: unpacked numeric	<b>Description:</b> Unique ID identifying the chain. The field must be numeric and greater than zero.
<b>Chain Affiliated Property (CAP) Number</b> Positions: 46–55 Length: 10 Format: alphanumeric	<b>Description:</b> The field must be numeric or space-filled. If it is numeric, it must pass the modulus-10 check digit routine.
<b>Service Establishment City</b> Positions: 56–73 Length: 18 Format: alphanumeric	<b>Description:</b> The first position may not be a space. For American Express, Merchant City must be present.
<b>Reserved</b> Positions: 74–153 Length: 80 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Internal Merchant Batch Key</b> Positions: 154–166 Length: 13 Format: alphanumeric	<b>Description:</b> 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.
<b>Record Type</b> Positions: 167 Length: 1 Format: alphanumeric	<b>Description:</b> Type of record.  The entry will be a 1 for Merchant Batch Header.
<b>Reserved</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

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TC 57

## TC 57

## 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 BIN
11–16	6	UN	Source BIN
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	Card Type
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)

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

**Data Capture Advice Record Layout (continued)**

Position	Field Length	Format	Contents
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

## TC 57

## TCR 0 — TRANSACTION DETAIL

## CTF – Outgoing and Incoming Interchange

## Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  The field must contain a valid acquiring BIN with a relationship with the data capture service provider.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN from which a BASE II transaction message is sent.  The field must contain a valid six-digit BIN of the data capture service provider.
<b>Reserved</b> Positions: 17–22 Length: 6 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Transaction Amount</b> Positions: 23–34 Length: 12 Format: unpacked numeric	<b>Description:</b> 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 destination BIN is American Express, this field must contain an amount greater than zero.
<b>Transaction Currency Code</b> Positions: 35–37 Length: 3 Format: alphanumeric	<b>Description:</b> 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 destination BIN is American Express, this field must be 840 (U.S. Dollar).

## Data Capture Advice Edit Criteria (continued)

<b>Draft Sent Flag</b> Positions: 38 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates if a draft was sent. The field must contain an N (no draft submitted).
<b>Central Processing Date</b> Positions: 39–42 Length: 4 Format: unpacked numeric	<b>Description:</b> 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.  <b>Outgoing:</b> The field must be numeric. <b>Incoming:</b> The field will contain a valid YDDD (year and Julian day) date.
<b>Record Format Code</b> Positions: 43–44 Length: 2 Format: alphanumeric	<b>Description:</b> Identifies the type of data in this record.  The field must contain DC.
<b>Reversal Flag</b> Positions: 45 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates if this is a reversal.  The field must be space-filled or contain an R.  Blank = Nonreversal (default) R = Reversal
<b>Reserved</b> Positions: 46–48 Length: 3 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Card Type</b> Positions: 49 Length: 1 Format: alphanumeric	<b>Description:</b> Designates the type of card used for a particular transaction: MasterCard, Diners Club, American Express, Visa, Private Label, etc.  The field must contain A through Z.
<b>Account Number</b> Positions: 50–68 Length: 19 Format: alphanumeric	<b>Description:</b> An issuer-assigned number that identifies a cardholder's account.  The field must not contain all spaces.
<b>Purchase Date</b> Positions: 69–72 Length: 4 Format: unpacked numeric	<b>Description:</b> Date the purchase transaction was made.  The field must contain a valid date in the format MMDD.
<b>Transaction Time</b> Positions: 73–76 Length: 4 Format: unpacked numeric	<b>Description:</b> 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

## Data Capture Advice Edit Criteria (continued)

<b>Transaction Type</b> Positions: 77 Length: 1 Format: alphanumeric	<b>Description:</b> 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
<b>Transaction Void Indicator</b> Positions: 78 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates if the transaction was voided (i.e., cancelled).  The field must contain a space or V (voided).
<b>Card Entry Method</b> Positions: 79 Length: 1 Format: alphanumeric	<b>Description:</b> 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.
<b>Cardholder ID Method</b> Positions: 80 Length: 1 Format: alphanumeric	<b>Description:</b> 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.
<b>Authorization Code</b> Positions: 81–86 Length: 6 Format: alphanumeric	<b>Description:</b> 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.
<b>Authorization Source Code</b> Positions: 87 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates the source of authorization response (STIP, issuer center, acquirer approval, etc.).  The field must be space-filled or contain A through Z, or 0 through 9.
<b>Film Locator</b> Positions: 88–98 Length: 11 Format: unpacked numeric	<b>Description:</b> 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 48</i> for Acquirer Reference Number edits.
<b>Tip/Cashback</b> Positions: 99–110 Length: 12 Format: alphanumeric	<b>Description:</b> Indicates if tips or cashback included. Must be space-filled or a valid value. Refer to <i>BASE II Clearing and Settlement 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.



## Data Capture Advice Edit Criteria (continued)

<b>Mail/Telephone or Electronic Commerce Indicator</b>  Positions: 111 Length: 1 Format: alphanumeric	<b>Description:</b> Identifies if a transaction is one of the following: <ul style="list-style-type: none"> <li>• Mail order</li> <li>• Electronic Commerce</li> <li>• Phone order</li> <li>• Recurring</li> <li>• Installment Billing</li> <li>• Other Mail/Phone Order-type</li> </ul> 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.
<b>Debit Indicator</b>  Positions: 112 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates if this is a debit transaction. The field may contain a space or D (for direct debit transactions).
<b>Research Code</b>  Positions: 113 Length: 1 Format: alphanumeric	<b>Description:</b> 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
<b>Network Identifier</b>  Positions: 114 Length: 1 Format: alphanumeric	<b>Description:</b> Identifies the financial network used.  The entry may be a space or any printable character.
<b>Settlement Date</b>  Positions: 115–118 Length: 4 Format: unpacked numeric	<b>Description:</b> Contains the month and day transaction settled. The date is in MMDD format, where: mm = month and dd = day.
<b>Debit Trace Audit Number</b>  Positions: 119–124 Length: 6 Format: alphanumeric	<b>Description:</b> Unique number used to trace debit transaction. The entry must be alphanumeric.
<b>POS Debit Reimbursement Attribute</b>  Positions: 125 Length: 1 Format: alphanumeric	<b>Description:</b> Reimbursement attribute for a POS debit transaction. The entry must be A through Z, 0 through 9, or space.
<b>Debit Transmit Date</b>  Positions: 126–129 Length: 4 Format: unpacked numeric	<b>Description:</b> Date the debit transaction was sent. The date format is MMDD.
<b>Debit Transmit Time</b>  Positions: 130–135 Length: 6 Format: unpacked numeric	<b>Description:</b> 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

## Data Capture Advice Edit Criteria (continued)

<b>Retrieval Reference Number</b> Positions: 136–147 Length: 12 Format: alphanumeric	<b>Description:</b> 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 Number136–14712.
<b>AVS Response Code</b> Positions: 148 Length: 1 Format: alphanumeric	<b>Description:</b> 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. Refer to <i>BASE II Clearing Data Codes</i> for a listing of AVS Response Codes.
<b>Reserved</b> Positions: 149–150 Length: 2 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Authorization Characteristics Indicator</b> Positions: 151 Length: 1 Format: alphanumeric	<b>Description:</b> Code used by the acquirer to request CPS qualification.  <b>Originals and Reversals of Originals</b>  Purchases and credit vouchers from CPS participating merchants must contain a valid value. Please refer to <i>BASE II Clearing Data Codes</i> for Authorization Characteristics Indicators. Original ATM cash disbursements and their reversals should contain one of the following values:  E = Card present with merchant name and location data N = Not a payment service transaction  <b>Chargebacks and Representments</b>  Must be a valid value or a space. For valid combinations of the Requested Payment Service Indicator and the Authorization Characteristics Indicator, please refer to <i>BASE II Clearing Data Codes</i> .
<b>POS Entry Mode</b> Positions: 152–153 Length: 2 Format: alphanumeric	<b>Description:</b> 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.).  Refer to <i>BASE II Clearing Data Codes</i> for POS Entry Mode codes.
<b>Internal Merchant Batch Key</b> Positions: 154–166 Length: 13 Format: alphanumeric	<b>Description:</b> 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.
<b>Record Type</b> Positions: 167 Length: 1 Format: alphanumeric	<b>Description:</b> Type of record.  The entry will be a 2 for cardholder transaction detail.
<b>Reimbursement Attribute</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete – must be zero-filled.

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TC 57

# TCR 0 —AMERICAN EXPRESS TRANSACTION DETAIL, GENERAL MERCHANDISE (FORMAT CODE 02, 03, 10, OR 20)

## TC 57

### 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
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

## TC 57

TCR 0 — AMERICAN EXPRESS TRANSACTION DETAIL, GENERAL MERCHANDISE  
(FORMAT CODE 02, 03, 10, OR 20)

## CTF – Outgoing and Incoming Interchange

## Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 1. The record must follow a TCR 0.
<b>Reserved</b> Positions: 5–16 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Format Code</b> Positions: 17–18 Length: 2 Format: alphanumeric	<b>Description:</b> Indicates the type of transaction.  The field must contain 02, 03, 10, or 20, all of which indicate General Merchandise.
<b>Reserved</b> Positions: 19–20 Length: 2 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Expiration Date</b> Positions: 21–24 Length: 4 Format: alphanumeric	<b>Description:</b> Expiration date of card.  The format for the field is MMY. This field may contain zeros.
<b>Reserved</b> Positions: 25–33 Length: 9 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Charge Description</b> Positions: 34–56 Length: 23 Format: alphanumeric	<b>Description:</b> Description of the charge. The field cannot be space-filled.

## Data Capture Advice Edit Criteria (continued)

<b>Record of Charge Number</b> Positions: 57–66 Length: 10 Format: alphanumeric	<b>Description:</b> The field must be space-filled or contain a numeric. If it contains a numeric, it must be right-justified.
<b>Tax Amount</b> Positions: 67–72 Length: 6 Format: unpacked numeric	<b>Description:</b> Amount of tax. The field must be numeric and may contain zeros. The field contains two implied decimal places.
<b>Item 1 Quantity</b> Positions: 73–75 Length: 3 Format: unpacked numeric	<b>Description:</b> 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.
<b>Item 1 Descriptor</b> Positions: 76–90 Length: 15 Format: alphanumeric	<b>Description:</b> Description of Item 1. If the Item 1 Quantity is greater than zero, this field cannot be space-filled.
<b>Item 1 Unit Price</b> Positions: 91–98 Length: 8 Format: unpacked numeric	<b>Description:</b> 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.
<b>Item 1 Total Price</b> Positions: 99–106 Length: 8 Format: unpacked numeric	<b>Description:</b> 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.
<b>Item 2 Quantity</b> Positions: 107–109 Length: 3 Format: unpacked numeric	<b>Description:</b> 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.
<b>Item 2 Descriptor</b> Positions: 110–124 Length: 15 Format: alphanumeric	<b>Description:</b> Description of Item 2. If the Item 2 Quantity is greater than zero, this field cannot be space-filled.
<b>Item 2 Unit Price</b> Positions: 125–132 Length: 8 Format: unpacked numeric	<b>Description:</b> 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.
<b>Item 2 Total Price</b> Positions: 133–140 Length: 8 Format: unpacked numeric	<b>Description:</b> 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.
<b>Terminal Locator Number</b> Positions: 141–145 Length: 5 Format: unpacked numeric	<b>Description:</b> Number indicating terminal location.

## Data Capture Advice Edit Criteria (continued)

<b>Transaction Sequence Number</b>  Positions: 146–149 Length: 4 Format: unpacked numeric	<b>Description:</b> Number indicating sequence of transaction in batch.
<b>Last Digit of Batch Number</b>  Positions: 150 Length: 1 Format: unpacked numeric	<b>Description:</b> Last digit of the batch number.
<b>Reserved</b>  Positions: 151–153 Length: 3 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Internal Merchant Batch Key</b>  Positions: 154–166 Length: 13 Format: alphanumeric	<b>Description:</b> 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.
<b>Record Type</b>  Positions: 167 Length: 1 Format: alphanumeric	<b>Description:</b> Type of record. The entry will be a 2 for cardholder transaction detail.
<b>Reserved</b>  Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

# TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL, GENERAL MERCHANDISE (FORMAT CODE 02, 03, 10, OR 20)

## TC 57

### 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



## TC 57

TCR 2 — AMERICAN EXPRESS TRANSACTION DETAIL, GENERAL MERCHANDISE  
(FORMAT CODE 02, 03, 10, OR 20)

## CTF – Outgoing and Incoming Interchange

## Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 2. The record must follow a TCR 1.
<b>Reserved</b> Positions: 5–16 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Format Code</b> Positions: 17–18 Length: 2 Format: alphanumeric	<b>Description:</b> Indicates the type of transaction.  The field must contain 02, 03, 10, or 20, all of which indicate General Merchandise.
<b>Item 3 Quantity</b> Positions: 19–21 Length: 3 Format: unpacked numeric	<b>Description:</b> 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.
<b>Item 3 Descriptor</b> Positions: 22–36 Length: 15 Format: alphanumeric	<b>Description:</b> Description of Item 3. If the Item 3 Quantity is greater than zero, this field cannot be space-filled.
<b>Item 3 Unit Price</b> Positions: 37–44 Length: 8 Format: unpacked numeric	<b>Description:</b> 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.
<b>Item 3 Total Price</b> Positions: 45–52 Length: 8 Format: unpacked numeric	<b>Description:</b> 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.

## TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL, GENERAL MERCHANDISE (FORMAT CODE 02, 03, 10, OR 20)

### Data Capture Advice Edit Criteria (continued)

<b>Item 4 Quantity</b> Positions: 53–55 Length: 3 Format: unpacked numeric	<b>Description:</b> 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.
<b>Item 4 Descriptor</b> Positions: 56–70 Length: 15 Format: alphanumeric	<b>Description:</b> Description of Item 4. If the Quantity is greater than zero, this field cannot be space-filled.
<b>Item 4 Unit Price</b> Positions: 71–78 Length: 8 Format: unpacked numeric	<b>Description:</b> 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.
<b>Item 4 Total Price</b> Positions: 79–86 Length: 8 Format: unpacked numeric	<b>Description:</b> 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
<b>Reserved</b> Positions: 87–153 Length: 67 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Internal Merchant Batch Key</b> Positions: 154–166 Length: 13 Format: alphanumeric	<b>Description:</b> 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.
<b>Record Type</b> Positions: 167 Length: 1 Format: alphanumeric	<b>Description:</b> Type of record. The entry will be a 2 for cardholder transaction detail.
<b>Reserved</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

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TC 57

# TCR 0 —AMERICAN EXPRESS TRANSACTION DETAIL, AUTOMOBILE RENTAL (FORMAT CODE 05)

## TC 57

### 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
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

# TCR 0 —AMERICAN EXPRESS TRANSACTION DETAIL, AUTOMOBILE RENTAL (FORMAT CODE 05)

## TC 57

### TCR 0 — AMERICAN EXPRESS TRANSACTION DETAIL, AUTOMOBILE RENTAL (FORMAT CODE 05)

#### CTF – Outgoing and Incoming Interchange

#### Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 1. The record must follow a TCR 0.
<b>Reserved</b> Positions: 5–16 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Format Code</b> Positions: 17–18 Length: 2 Format: alphanumeric	<b>Description:</b> Indicates the type of transaction.  The field must contain 05.
<b>Approval Code</b> Positions: 19–20 Length: 2 Format: alphanumeric	<b>Description:</b> 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.
<b>Expiration Date</b> Positions: 21–24 Length: 4 Format: unpacked numeric	<b>Description:</b> Expiration date of card.  The format for this field is MMY. This field may contain zeros.
<b>Rental Agreement Number</b> Positions: 25–33 Length: 9 Format: alphanumeric	<b>Description:</b> The number on the car rental “contract”.  The field cannot be space-filled.
<b>Audit Adjustment</b> Positions: 34–41 Length: 8 Format: unpacked numeric	<b>Description:</b> The field must be numeric and may contain zeros.  This field contains two implied decimal places.

# TCR 0 —AMERICAN EXPRESS TRANSACTION DETAIL, AUTOMOBILE RENTAL (FORMAT CODE 05)

## Data Capture Advice Edit Criteria (continued)

<b>Audit Adjustment Indicator</b> Positions: 42 Length: 1 Format: alphanumeric	<b>Description:</b> The field must contain an A if Audit Adjustment is greater than zero. Otherwise, it must be space-filled.
<b>Auto Reference Number</b> Positions: 43–50 Length: 8 Format: alphanumeric	<b>Description:</b> Contract reference number from rental company. The field cannot be space-filled or contain all zeros.
<b>Rental City</b> Positions: 51–68 Length: 18 Format: alphanumeric	<b>Description:</b> Name of city where actual car rental occurred.  The field cannot be space-filled.
<b>Rental State</b> Positions: 69–70 Length: 2 Format: alphanumeric	<b>Description:</b> Name of state where actual car rental occurred.  The field must contain a valid U.S. state code.
<b>Rental Date</b> Positions: 71–76 Length: 6 Format: unpacked numeric	<b>Description:</b> The date when the actual car rental occurred.  <b>NOTE:</b> <i>The format is YYMMDD.</i>
<b>Rental Time</b> Positions: 77–80 Length: 4 Format: unpacked numeric	<b>Description:</b> The time when the actual car rental occurred.  The format is HHMM, where:  HH = 00 through 23 MM = 00 through 59
<b>Return City</b> Positions: 81–98 Length: 18 Format: alphanumeric	<b>Description:</b> The name of the city to which the rental car was returned.  The field cannot be space-filled.
<b>Return State</b> Positions: 99–100 Length: 2 Format: alphanumeric	<b>Description:</b> The name of the state to which the rental car was returned.  The field must contain a valid U.S. State Code.
<b>Return Date</b> Positions: 101–106 Length: 6 Format: unpacked numeric	<b>Description:</b> The actual date the rental car was returned.  The format is YYMMDD.
<b>Return Time</b> Positions: 107–110 Length: 4 Format: unpacked numeric	<b>Description:</b> The actual time the rental car was returned.  The format is HHMM, where:  HH = 00 through 23 MM = 00 through 59

**TCR 0 —AMERICAN EXPRESS TRANSACTION DETAIL,  
AUTOMOBILE RENTAL (FORMAT CODE 05)****Data Capture Advice Edit Criteria (continued)**

<b>Renter Name</b> Positions: 111–130 Length: 20 Format: alphanumeric	<b>Description:</b> The name of the person(s) who signed the rental agreement.  The field cannot be space-filled.
<b>Reserved</b> Positions: 131–153 Length: 23 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Internal Merchant Batch Key</b> Positions: 154–166 Length: 13 Format: alphanumeric	<b>Description:</b> 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.
<b>Record Type</b> Positions: 167 Length: 1 Format: alphanumeric	<b>Description:</b> Type of record. The entry will be a 2 for cardholder transaction detail.
<b>Reserved</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

# TCR 0 —AMERICAN EXPRESS TRANSACTION DETAIL, LODGING (FORMAT CODE 11)

## TC 57

### 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)
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



# TCR 0 —AMERICAN EXPRESS TRANSACTION DETAIL, LODGING (FORMAT CODE 11)

## TC 57

### TCR 0 — AMERICAN EXPRESS TRANSACTION DETAIL, LODGING (FORMAT CODE 11)

#### CTF – Outgoing and Incoming Interchange

#### Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 1. The record must follow a TCR 0.
<b>Reserved</b> Positions: 5–16 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Format Code</b> Positions: 17–18 Length: 2 Format: alphanumeric	<b>Description:</b> Indicates the type of transaction.  The field must contain 11.
<b>Approval Code</b> Positions: 19–20 Length: 2 Format: alphanumeric	<b>Description:</b> 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).
<b>Expiration Date</b> Positions: 21–24 Length: 4 Format: unpacked numeric	<b>Description:</b> Expiration date of card.  The format for the field is MMY. This field may contain zeros.
<b>Reserved</b> Positions: 25–33 Length: 9 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Charge Description</b> Positions: 34–56 Length: 23 Format: alphanumeric	<b>Description:</b> Brief description of the charge. The field cannot be space-filled.

# TCR 0 —AMERICAN EXPRESS TRANSACTION DETAIL, LODGING (FORMAT CODE 11)

## Data Capture Advice Edit Criteria (continued)

<b>Record of Charge (ROC) Number</b>  Positions: 57–66 Length: 10 Format: alphanumeric	<b>Description:</b> 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.
<b>Tax Amount</b>  Positions: 67–72 Length: 6 Format: unpacked numeric	<b>Description:</b> Tax amount. The field may contain zeros.  The field contains two implied decimal places.
<b>Charge Type</b>  Positions: 73 Length: 1 Format: alphanumeric	<b>Description:</b> 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.
<b>Arrival Date</b>  Positions: 74–79 Length: 6 Format: unpacked numeric	<b>Description:</b> 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.
<b>Departure Date</b>  Positions: 80–85 Length: 6 Format: unpacked numeric	<b>Description:</b> 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.
<b>Duration of Stay</b>  Positions: 86–87 Length: 2 Format: unpacked numeric	<b>Description:</b> 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.
<b>Special Program</b>  Positions: 88 Length: 1 Format: alphanumeric	<b>Description:</b> 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.
<b>Room Rate</b>  Positions: 89–93 Length: 5 Format: unpacked numeric	<b>Description:</b> The daily rate for lodging (excluding extra fees such as MiniBar, room service, etc.).  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.
<b>Terminal Locator Number</b>  Positions: 94–98 Length: 5 Format: unpacked numeric	<b>Description:</b> Number indicating terminal location.
<b>Transaction Sequence Number</b>  Positions: 99–102 Length: 4 Format: unpacked numeric	<b>Description:</b> Number indicating sequence of transaction in batch.

**TCR 0 —AMERICAN EXPRESS TRANSACTION DETAIL,  
LODGING (FORMAT CODE 11)****Data Capture Advice Edit Criteria (continued)**

<b>Last Digit of Batch Number</b> Positions: 103 Length: 1 Format: unpacked numeric	<b>Description:</b> Last digit of the batch number.
<b>Reserved</b> Positions: 104–153 Length: 50 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Internal Merchant Batch Key</b> Positions: 154–166 Length: 13 Format: alphanumeric	<b>Description:</b> 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.
<b>Record Type</b> Positions: 167 Length: 1 Format: alphanumeric	<b>Description:</b> Type of record. The entry will be a 2 for cardholder transaction detail.
<b>Reserved</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

# TCR 1 —AMERICAN EXPRESS TRANSACTION DETAIL, RESTAURANT (FORMAT CODE 12)

## TC 57

### 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
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

# TCR 1 —AMERICAN EXPRESS TRANSACTION DETAIL, RESTAURANT (FORMAT CODE 12)

## TC 57

### TCR 1 — AMERICAN EXPRESS TRANSACTION DETAIL, RESTAURANT (FORMAT CODE 12)

#### CTF – Outgoing and Incoming Interchange

#### Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 1. The record must follow a TCR 0.
<b>Reserved</b> Positions: 5–16 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Format Code</b> Positions: 17–18 Length: 2 Format: alphanumeric	<b>Description:</b> Indicates the type of transaction.  The field must contain 12.
<b>Approval Code</b> Positions: 19–20 Length: 2 Format: alphanumeric	<b>Description:</b> 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).
<b>Expiration Date</b> Positions: 21–24 Length: 4 Format: unpacked numeric	<b>Description:</b> Expiration date of card.  The format for the field is MMY. This field may contain zeros.
<b>Reserved</b> Positions: 25–33 Length: 9 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Charge Description</b> Positions: 34–56 Length: 23 Format: alphanumeric	<b>Description:</b> Brief description of the charge. The field cannot be space-filled.

# TCR 1 —AMERICAN EXPRESS TRANSACTION DETAIL, RESTAURANT (FORMAT CODE 12)

## Data Capture Advice Edit Criteria (continued)

<b>Record of Charge (ROC) Number</b>  Positions: 57–66 Length: 10 Format: alphanumeric	<b>Description:</b> 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.
<b>Tax Amount</b>  Positions: 67–72 Length: 6 Format: unpacked numeric	<b>Description:</b> Tax amount. The field may contain zeros.  The field contains two implied decimal places.
<b>Food ID</b>  Positions: 73–80 Length: 8 Format: alphanumeric	<b>Description:</b> The field must contain FOOD, FOOD/BEV, or B-MY-GST.
<b>Food Amount</b>  Positions: 81–88 Length: 8 Format: unpacked numeric	<b>Description:</b> Amount of the food purchase.  The field must be numeric. The field contains two implied decimal places.
<b>Beverage ID</b>  Positions: 89–96 Length: 8 Format: alphanumeric	<b>Description:</b> 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.
<b>Beverage Amount</b>  Positions: 97–104 Length: 8 Format: unpacked numeric	<b>Description:</b> Indicates the amount spent on beverages.  The field must be numeric. The field contains two implied decimal places.
<b>Tip Recipient Literal 1</b>  Positions: 105–112 Length: 8 Format: alphanumeric	<b>Description:</b> 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.
<b>Tip Amount 1</b>  Positions: 113–120 Length: 8 Format: unpacked numeric	<b>Description:</b> Amount of tip.  The field must be numeric. The field contains two implied decimal places.
<b>Tip Recipient Literal 2</b>  Positions: 121–128 Length: 8 Format: alphanumeric	<b>Description:</b> 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.
<b>Tip Amount 2</b>  Positions: 129–136 Length: 8 Format: unpacked numeric	<b>Description:</b> Amount of tip.  The field must be numeric. The field contains two implied decimal places.
<b>Terminal Locator Number</b>  Positions: 137–141 Length: 5 Format: unpacked numeric	<b>Description:</b> Number indicating terminal location.

# TCR 1 —AMERICAN EXPRESS TRANSACTION DETAIL, RESTAURANT (FORMAT CODE 12)

## Data Capture Advice Edit Criteria (continued)

<b>Transaction Sequence Number</b>  Positions: 142–145 Length: 4 Format: unpacked numeric	<b>Description:</b> Number indicating sequence of transaction in batch.
<b>Last Digit of Batch Number</b>  Positions: 146 Length: 1 Format: unpacked numeric	<b>Description:</b> Last digit of the batch number.
<b>Reserved</b>  Positions: 147–153 Length: 7 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Internal Merchant Batch Key</b>  Positions: 154–166 Length: 13 Format: alphanumeric	<b>Description:</b> 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.
<b>Record Type</b>  Positions: 167 Length: 1 Format: alphanumeric	<b>Description:</b> Type of record. The entry will be a 2 for cardholder transaction detail.
<b>Reserved</b>  Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

# TCR 1 —AMERICAN EXPRESS TRANSACTION DETAIL, INSURANCE PART 1 (FORMAT CODE 04)

## TC 57

### 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 BIN
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
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



# TCR 1 —AMERICAN EXPRESS TRANSACTION DETAIL, INSURANCE PART 1 (FORMAT CODE 04)

## TC 57

## TCR 1 — AMERICAN EXPRESS TRANSACTION DETAIL, INSURANCE PART 1 (FORMAT CODE 04)

### CTF – Outgoing and Incoming Interchange

#### Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 1. The record must follow a TCR 0.
<b>Reserved</b> Positions: 5–10 Length: 6 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN from which this transaction message is sent.  The Source BIN is inserted by the VIC.
<b>Format Code</b> Positions: 17–18 Length: 2 Format: alphanumeric	<b>Description:</b> Indicates the type of transaction.  The field must contain 04.
<b>Approval Code</b> Positions: 19–20 Length: 2 Format: alphanumeric	<b>Description:</b> 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).
<b>Expiration Date</b> Positions: 21–24 Length: 4 Format: unpacked numeric	<b>Description:</b> Expiration date of card.  The format for the field is MMY. This field may contain zeros.
<b>Policy Number</b> Positions: 25–34 Length: 10 Format: alphanumeric	<b>Description:</b> 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.

# TCR 1 —AMERICAN EXPRESS TRANSACTION DETAIL, INSURANCE PART 1 (FORMAT CODE 04)

## Data Capture Advice Edit Criteria (continued)

<b>Tax Amount</b> Positions: 35–40 Length: 6 Format: unpacked numeric	<b>Description:</b> Tax amount. The field must be numeric and may contain zeros. The field contains two implied decimal places
<b>Type of Policy</b> Positions: 41–80 Length: 40 Format: alphanumeric	<b>Description:</b> Brief description of policy type.
<b>Coverage Dates</b> Positions: 81–120 Length: 40 Format: alphanumeric	<b>Description:</b> Time period the policy covers.
<b>Reserved</b> Positions: 121–153 Length: 33 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Internal Merchant Batch Key</b> Positions: 154–166 Length: 13 Format: alphanumeric	<b>Description:</b> 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.
<b>Record Type</b> Positions: 167 Length: 1 Format: alphanumeric	<b>Description:</b> Type of record. The entry will be a 2 for cardholder transaction detail.
<b>Reserved</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

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TC 57

## TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL, INSURANCE PART 2 (FORMAT CODE 04)

### TC 57

#### 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

## TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL, INSURANCE PART 2 (FORMAT CODE 04)

### TC 57

### TCR 2 — AMERICAN EXPRESS TRANSACTION DETAIL, INSURANCE PART 2 (FORMAT CODE 04)

#### CTF – Outgoing and Incoming Interchange

#### Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 2. The record must follow a TCR 1.
<b>Reserved</b> Positions: 5–16 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Format Code</b> Positions: 17–18 Length: 2 Format: alphanumeric	<b>Description:</b> Indicates the type of transaction.  The field must contain 04.
<b>Miscellaneous Description 1</b> Positions: 19–58 Length: 40 Format: alphanumeric	<b>Description:</b> Details of the insurance policy/coverage.
<b>Miscellaneous Description 2</b> Positions: 59–98 Length: 40 Format: alphanumeric	<b>Description:</b> Additional details of the insurance policy/coverage.
<b>Reserved</b> Positions: 99–153 Length: 55 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Internal Merchant Batch Key</b> Positions: 154–166 Length: 13 Format: alphanumeric	<b>Description:</b> 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.

**TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL,  
INSURANCE PART 2 (FORMAT CODE 04)****Data Capture Advice Edit Criteria (continued)**

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

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TC 57

# TCR 1 —AMERICAN EXPRESS TRANSACTION DETAIL, AUTOMOBILE LEASING (FORMAT CODE 07)

## TC 57

### 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
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



# TCR 1 —AMERICAN EXPRESS TRANSACTION DETAIL, AUTOMOBILE LEASING (FORMAT CODE 07)

## TC 57

## TCR 1 — AMERICAN EXPRESS TRANSACTION DETAIL, AUTOMOBILE LEASING (FORMAT CODE 07)

### CTF – Outgoing and Incoming Interchange

#### Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 1. The record must follow a TCR 0.
<b>Reserved</b> Positions: 5–16 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Format Code</b> Positions: 17–18 Length: 2 Format: alphanumeric	<b>Description:</b> Indicates the type of transaction.  The field must contain 07.
<b>Approval Code</b> Positions: 19–20 Length: 2 Format: alphanumeric	<b>Description:</b> 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.
<b>Expiration Date</b> Positions: 21–24 Length: 4 Format: alphanumeric	<b>Description:</b> Expiration date of card.  The format for the field is MMY. This field may contain zeros.
<b>Leasing Agreement Number</b> Positions: 25–33 Length: 9 Format: alphanumeric	<b>Description:</b> The ID number on the automobile leasing agreement.  The field cannot be space-filled.
<b>Total Lease Charge</b> Positions: 34–41 Length: 8 Format: unpacked numeric	<b>Description:</b> 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.

# TCR 1 —AMERICAN EXPRESS TRANSACTION DETAIL, AUTOMOBILE LEASING (FORMAT CODE 07)

## Data Capture Advice Edit Criteria (continued)

<b>Audit Indicator</b> Positions: 42 Length: 1 Format: alphanumeric	<b>Description:</b> The field must be space-filled or contain an A.
<b>Auto Reference Number</b> Positions: 43–50 Length: 8 Format: alphanumeric	<b>Description:</b> Contract reference number from rental company.  The field must be numeric, right-justified and greater than zero.
<b>Current Monthly Payment Number</b> Positions: 51–52 Length: 2 Format: unpacked numeric	<b>Description:</b> Current payment number in the lease (for example, in a 24 month lease, this might be payment 2). The field must be numeric.
<b>Total Number of Payment Months</b> Positions: 53–54 Length: 2 Format: unpacked numeric	<b>Description:</b> Total number of payment months in the lease (for example, a two year lease would have 24 months). The field must be numeric.
<b>Lease City</b> Positions: 55–72 Length: 18 Format: alphanumeric	<b>Description:</b> The name of the city where the car was leased.  The field cannot be space-filled.
<b>Lease State</b> Positions: 73–74 Length: 2 Format: alphanumeric	<b>Description:</b> The name of the state where the car was leased.  The field must contain a valid U.S. state code.
<b>Lease Date</b> Positions: 75–80 Length: 6 Format: unpacked numeric	<b>Description:</b> The date that the car was leased.  The format is YYMMDD.
<b>Lease Time</b> Positions: 81–84 Length: 4 Format: unpacked numeric	<b>Description:</b> The duration of the lease.  The format is HHMM, where:  HH = 00 through 23 MM = 00 through 59
<b>Return City</b> Positions: 85–102 Length: 18 Format: alphanumeric	<b>Description:</b> The name of the city where the car was returned to the leasing agency.  The field cannot be space-filled.
<b>Return State</b> Positions: 103–104 Length: 2 Format: alphanumeric	<b>Description:</b> The name of the state where the car was returned to the leasing agency.  The field must contain a valid U.S. state code.

# TCR 1 —AMERICAN EXPRESS TRANSACTION DETAIL, AUTOMOBILE LEASING (FORMAT CODE 07)

## Data Capture Advice Edit Criteria (continued)

<b>Return Date</b> Positions: 105–110 Length: 6 Format: unpacked numeric	<b>Description:</b> The date indicating the end of the lease.  The format is YYMMDD.
<b>Return Time</b> Positions: 111–114 Length: 4 Format: unpacked numeric	<b>Description:</b> The time indicating the end of the lease.  The format is HHMM, where:  HH = 00 through 23 MM = 00 through 59
<b>Lessee Name</b> Positions: 115–134 Length: 20 Format: alphanumeric	<b>Description:</b> The name of the person who holds the lease.  The field cannot be space-filled.
<b>Reserved</b> Positions: 135–153 Length: 19 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Internal Merchant Batch Key</b> Positions: 154–166 Length: 13 Format: alphanumeric	<b>Description:</b> 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.
<b>Record Type</b> Positions: 167 Length: 1 Format: alphanumeric	<b>Description:</b> Type of record. The entry will be a 2 for cardholder transaction detail.
<b>Reserved</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

# TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL, AUTOMOBILE LEASING (OPTIONAL) (FORMAT CODE 07)

## TC 57

### 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

## TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL, AUTOMOBILE LEASING (OPTIONAL) (FORMAT CODE 07)

### TC 57

#### TCR 2 — AMERICAN EXPRESS TRANSACTION DETAIL, AUTOMOBILE LEASING (OPTIONAL) (FORMAT CODE 07)

##### CTF – Outgoing and Incoming Interchange

##### Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 2. The record must follow a TCR 1.
<b>Reserved</b> Positions: 5–16 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Format Code</b> Positions: 17–18 Length: 2 Format: alphanumeric	<b>Description:</b> Indicates the type of transaction.  The field must contain 07.
<b>Car Description</b> Positions: 19–38 Length: 20 Format: alphanumeric	<b>Description:</b> Indicates model, year, and make of the car.
<b>Car ID Number</b> Positions: 39–53 Length: 15 Format: alphanumeric	<b>Description:</b> The vehicle identification number.
<b>Reserved</b> Positions: 54–153 Length: 100 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Internal Merchant Batch Key</b> Positions: 154–166 Length: 13 Format: alphanumeric	<b>Description:</b> 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.

**TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL,  
AUTOMOBILE LEASING (OPTIONAL) (FORMAT CODE 07)****Data Capture Advice Edit Criteria (continued)**

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

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TC 57

# TCR 1 —AMERICAN EXPRESS TRANSACTION DETAIL, TELEPHONE PART 1 (FORMAT CODE 13)

## TC 57

### 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)
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



# TCR 1 —AMERICAN EXPRESS TRANSACTION DETAIL, TELEPHONE PART 1 (FORMAT CODE 13)

## TC 57

## TCR 1 — AMERICAN EXPRESS TRANSACTION DETAIL, TELEPHONE PART 1 (FORMAT CODE 13)

### CTF – Outgoing and Incoming Interchange

#### Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 1. The record must follow a TCR 0.
<b>Reserved</b> Positions: 5–16 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Format Code</b> Positions: 17–18 Length: 2 Format: alphanumeric	<b>Description:</b> Indicates the type of transaction.  The field must contain 13.
<b>Approval Code</b> Positions: 19–20 Length: 2 Format: alphanumeric	<b>Description:</b> 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.
<b>Expiration Date</b> Positions: 21–24 Length: 4 Format: unpacked numeric	<b>Description:</b> Expiration date of card.  The format for the field is MMY. This field may contain zeros
<b>Record of Charge (ROC) Number</b> Positions: 25–34 Length: 10 Format: alphanumeric	<b>Description:</b> Record of charge number. The field must be space-filled or numeric. If it is numeric, the value must be right-justified.
<b>Time of Call</b> Positions: 35–38 Length: 4 Format: unpacked numeric	<b>Description:</b> Time the telephone call occurred. The format is HHMM (hours and minutes), where:  HH = 00 through 23 MM = 00 through 59

# TCR 1 —AMERICAN EXPRESS TRANSACTION DETAIL, TELEPHONE PART 1 (FORMAT CODE 13)

## Data Capture Advice Edit Criteria (continued)

<b>Duration of Call</b> Positions: 39–42 Length: 4 Format: unpacked numeric	<b>Description:</b> The length of time of the telephone call. The format is HHMM (hours and minutes), where:  HH = 00 through 23 MM = 00 through 59
<b>Reference CDAR Number</b> Positions: 43–50 Length: 8 Format: alphanumeric	<b>Description:</b> Unique CDAR reference number.
<b>Call From City</b> Positions: 51–68 Length: 18 Format: alphanumeric	<b>Description:</b> The city from which the telephone call was made.  The first position of this field cannot be a space.
<b>Call From State</b> Positions: 69–70 Length: 2 Format: alphanumeric	<b>Description:</b> The state from which the telephone call was made.  The field must contain a valid U.S. State Code.
<b>Call To City</b> Positions: 71–88 Length: 18 Format: alphanumeric	<b>Description:</b> The city to which the telephone call was made.  The first position of this field cannot be a space.
<b>Call To State</b> Positions: 89–90 Length: 2 Format: alphanumeric	<b>Description:</b> The state to which the telephone call was made.  The field must contain a valid U.S. State Code.
<b>From Telephone Number</b> Positions: 91–100 Length: 10 Format: alphanumeric	<b>Description:</b> The telephone number from which the telephone call was made.
<b>To Telephone Number</b> Positions: 101–110 Length: 10 Format: alphanumeric	<b>Description:</b> The telephone number to which the telephone call was made.
<b>Rate Class</b> Positions: 111 Length: 1 Format: alphanumeric	<b>Description:</b> Identifies the rate class used.
<b>Reserved</b> Positions: 112–153 Length: 42 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Internal Merchant Batch Key</b> Positions: 154–166 Length: 13 Format: alphanumeric	<b>Description:</b> 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.

**TCR 1 —AMERICAN EXPRESS TRANSACTION DETAIL,  
TELEPHONE PART 1 (FORMAT CODE 13)****Data Capture Advice Edit Criteria (continued)**

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

# TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL, TELEPHONE PART 2 (FORMAT CODE 13)

## TC 57

### 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
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

## TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL, TELEPHONE PART 2 (FORMAT CODE 13)

### TC 57

### TCR 2 — AMERICAN EXPRESS TRANSACTION DETAIL, TELEPHONE PART 2 (FORMAT CODE 13)

#### CTF – Outgoing and Incoming Interchange

#### Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 2. The record must follow a TCR 1.
<b>Reserved</b> Positions: 5–16 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Format Code</b> Positions: 17–18 Length: 2 Format: alphanumeric	<b>Description:</b> Indicates the type of transaction.  The field must contain 13.
<b>Telephone Number 1</b> Positions: 19–30 Length: 12 Format: alphanumeric	<b>Description:</b> Telephone number. The format is xxx-xxx-xxxx. The field cannot be space-filled.
<b>Time 1</b> Positions: 31–38 Length: 8 Format: alphanumeric	<b>Description:</b> Time of telephone call.
<b>Cost 1</b> Positions: 39–45 Length: 7 Format: alphanumeric	<b>Description:</b> Cost of telephone call.  This field will contain two implied decimal places.
<b>Telephone Number 2</b> Positions: 46–57 Length: 12 Format: alphanumeric	<b>Description:</b> If a second call was made, the number format is xxx-xxx-xxxx. Otherwise, the field must be space-filled.

## TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL, TELEPHONE PART 2 (FORMAT CODE 13)

### Data Capture Advice Edit Criteria (continued)

<b>Time 2</b> Positions: 58–65 Length: 8 Format: alphanumeric	<b>Description:</b> Time of telephone call.
<b>Cost 2</b> Positions: 66–72 Length: 7 Format: alphanumeric	<b>Description:</b> Cost of telephone call.  This field will contain two implied decimal places.
<b>Reserved</b> Positions: 73–153 Length: 81 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Internal Merchant Batch Key</b> Positions: 154–166 Length: 13 Format: alphanumeric	<b>Description:</b> 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.
<b>Record Type</b> Positions: 167 Length: 1 Format: alphanumeric	<b>Description:</b> Type of record. The entry will be a 2 for cardholder transaction detail.
<b>Reserved</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

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TC 57

## TC 57

## 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
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



## TC 57

## TCR 3 — TRANSACTION DETAIL, PAYMENT SERVICE DATA

## CTF – Outgoing and Incoming Interchange

## Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 3.
<b>Authorization Response Code</b> Positions: 5–6 Length: 2 Format: alphanumeric	<b>Description:</b> 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.
<b>Authorized Amount</b> Positions: 7–18 Length: 12 Format: unpacked numeric	<b>Description:</b> Amount the issuer originally authorized.  This field will contain two implied decimal places.  The entry must be numeric.
<b>Transaction Identifier</b> Positions: 19–33 Length: 15 Format: unpacked numeric	<b>Description:</b> A unique value that Visa assigns to each transaction and returns to the acquirer in the authorization response. Visa uses this value to maintain an audit trail throughout the life cycle of the transaction and all related transactions, such as reversals, adjustments, confirmations, and chargebacks.  The entry must be numeric.  If the Authorization Characteristics Indicator on the TCR 0 is an N, the entry must be zero.
<b>Validation Code</b> Positions: 34–37 Length: 4 Format: alphanumeric	<b>Description:</b> 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.
<b>Multiple Clearing Sequence Number</b> Positions: 38–39 Length: 2 Format: unpacked numeric	<b>Description:</b> 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.

## Data Capture Advice Edit Criteria (continued)

<b>Multiple Clearing Sequence Count</b>  Positions: 40–41 Length: 2 Format: unpacked numeric	<b>Description:</b> The total number of clearing records for the authorization.
<b>Market-specific Authorization Data Identifier</b>  Positions: 42 Length: 1 Format: alphanumeric	<b>Description:</b> 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.
<b>Total Authorized Amount</b>  Positions: 43–54 Length: 12 Format: unpacked numeric	<b>Description:</b> The total amount of the transaction, including all taxes and misc. fees.  This field will contain two implied decimal places.
<b>Submitted Authorization Characteristics Indicator</b>  Positions: 55 Length: 1 Format: alphanumeric	<b>Description:</b> This entry contains the original value of the Authorization Characteristics Indicator sent to V.I.P.
<b>MOTO Customer Service Phone Number</b>  Positions: 56–66 Length: 11 Format: alphanumeric	<b>Description:</b> Mail order or telephone order customer service phone number (the customer service number of the direct marketing merchant). The format for this field is ###-XXXXXXX, where:  ### The first three positions must be numeric  - The fourth position must be a dash (-)  XXXXXX The remaining seven positions are alphanumeric
<b>MOTO Customer Service Phone Flag</b>  Positions: 67 Length: 1 Format: alphanumeric	<b>Description:</b> 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).
<b>MOTO Installment Sequence Number</b>  Positions: 68–69 Length: 2 Format: unpacked numeric	<b>Description:</b> Total number of payments to be made that are installment payments. The default value for this field is zeros.
<b>MOTO Installment Sequence Count</b>  Positions: 70–71 Length: 2 Format: unpacked numeric	<b>Description:</b> Which payment, out of total number of payments to be made, is being submitted. The default value for this field is zeros.
<b>Reserved</b>  Positions: 72–153 Length: 82 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

**Data Capture Advice Edit Criteria (continued)**

<b>Internal Merchant Batch Key</b> Positions: 154–166 Length: 13 Format: alphanumeric	<b>Description:</b> 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.
<b>Record Type</b> Positions: 167 Length: 1 Format: alphanumeric	<b>Description:</b> Type of record. The entry will be a 2 for cardholder transaction detail.
<b>Reserved</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

## TC 57

## TCR 4 — INDUSTRY-SPECIFIC DATA

## CTF – Outgoing and Incoming Interchange

The TCR 4 is used for industry-specific data for passenger transport, lodging, and car rental merchants. Fields in positions 1 through 26 are common to all formats. The format of positions 27 through 153 is dependent on the Business Format Code. The Business Format Codes are:

AI = Passenger transport (includes airlines and passenger railway)

LG = Lodging (includes hotels and cruise ships)

CA = Car rental

## 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

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TC 57

# TCR 4 — INDUSTRY-SPECIFIC DATA—PASSENGER ITINERARY DATA

## TC 57

### 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

## TC 57

## TCR 4 — INDUSTRY-SPECIFIC DATA—PASSENGER ITINERARY DATA

## CTF – Outgoing and Incoming Interchange

## Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 4.
<b>Reserved</b> Positions: 5–16 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Business Format Code</b> Positions: 17–18 Length: 2 Format: alphanumeric	<b>Description:</b> Code indicating the type of business that is applicable to this transaction.  This field must contain AI indicating Passenger Transport format.
<b>Reserved</b> Positions: 19–26 Length: 8 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Passenger Name</b> Positions: 27–46 Length: 20 Format: alphanumeric	<b>Description:</b> The actual name of the passenger.
<b>Departure Date</b> Positions: 47–52 Length: 6 Format: unpacked numeric	<b>Description:</b> 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.
<b>Origination City/Airport Code</b> Positions: 53–55 Length: 3 Format: alphanumeric	<b>Description:</b> The code for the name of the city or airport where passenger's trip starts.

# TCR 4 — INDUSTRY-SPECIFIC DATA—PASSENGER ITINERARY DATA

## Data Capture Advice Edit Criteria (continued)

<b>Trip Leg 1 Information</b> Positions: 56–62 Length: 7 Format: group	<b>Description:</b> 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.
<b>Carrier Code</b> Positions: 56–57 Length: 2 Format: alphanumeric	<b>Description:</b> Code indicating name of carrier.
<b>Service Class</b> Positions: 58 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates service class (first class, business class, etc.).
<b>Stop-Over Code</b> Positions: 59 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates whether a stopover is allowed on this ticket.  The entry must be a space, O, or X. Values are:  O = Stopover allowed X = Stopover not allowed
<b>Destination City/Airport Code</b> Positions: 60–62 Length: 3 Format: alphanumeric	<b>Description:</b> Indicates destination city's airport code.
<b>Trip Leg 2 Information</b> Positions: 63–69 Length: 7 Format: group	<b>Description:</b> Description of the second leg of trip.
<b>Carrier Code</b> Positions: 63–64 Length: 2 Format: alphanumeric	<b>Description:</b> Code indicating name of carrier.
<b>Service Class</b> Positions: 65 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates service class (first class, business class, etc.).
<b>Stop-Over Code</b> Positions: 66 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates whether a stopover is allowed on this ticket.  The entry must be a space, O, or X. Values are:  O = Stopover allowed X = Stopover not allowed



# TCR 4 — INDUSTRY-SPECIFIC DATA—PASSENGER ITINERARY DATA

## Data Capture Advice Edit Criteria (continued)

<b>Destination City/Airport Code</b>  Positions: 67–69 Length: 3 Format: alphanumeric	<b>Description:</b> Indicates destination city's airport code.
<b>Trip Leg 3 Information</b>  Positions: 70–76 Length: 7 Format: group	<b>Description:</b> Description of the third leg of the trip.
<b>Carrier Code</b>  Positions: 70–71 Length: 2 Format: alphanumeric	<b>Description:</b> Code indicating name of carrier.
<b>Service Class</b>  Positions: 72 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates service class (first class, business class, etc.).
<b>Stop-Over Code</b>  Positions: 73 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates whether a stopover is allowed on this ticket.  The entry must be a space, O, or X. Values are:  O = Stopover allowed X = Stopover not allowed
<b>Destination City/Airport Code</b>  Positions: 74–76 Length: 3 Format: alphanumeric	<b>Description:</b> Indicates destination city's airport code.
<b>Trip Leg 4 Information</b>  Positions: 77–83 Length: 7 Format: group	<b>Description:</b> Description of the fourth leg of the trip.
<b>Carrier Code</b>  Positions: 77–78 Length: 2 Format: alphanumeric	<b>Description:</b> Code indicating name of carrier.
<b>Service Class</b>  Positions: 79 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates service class (first class, business class, etc.).
<b>Stop-Over Code</b>  Positions: 80 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates whether a stopover is allowed on this ticket.  The entry must be a space, O, or X. Values are:  O = Stopover allowed X = Stopover not allowed

## Data Capture Advice Edit Criteria (continued)

<b>Destination City/Airport Code</b>  Positions: 81–83 Length: 3 Format: alphanumeric	<b>Description:</b> Indicates destination city's airport code.
<b>Travel Agency Code</b>  Positions: 84–91 Length: 8 Format: alphanumeric	<b>Description:</b> 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.
<b>Travel Agency Name</b>  Positions: 92–116 Length: 25 Format: alphanumeric	<b>Description:</b> 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.
<b>Restricted Ticket Indicator</b>  Positions: 117 Length: 1 Format: alphanumeric	<b>Description:</b> 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
<b>Original Ticket Number</b>  Positions: 118–130 Length: 13 Format: alphanumeric	<b>Description:</b> The Airline/Railway Ticket Identifier.
<b>Reserved</b>  Positions: 131–153 Length: 23 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Internal Merchant Batch Key</b>  Positions: 154–166 Length: 13 Format: alphanumeric	<b>Description:</b> 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.
<b>Record Type</b>  Positions: 167 Length: 1 Format: alphanumeric	<b>Description:</b> Type of record. The entry will be a 2 for cardholder transaction detail.
<b>Reserved</b>  Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

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TC 57

## TC 57

## 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
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

## TC 57

## TCR 4 — INDUSTRY-SPECIFIC DATA—LODGING

## CTF – Outgoing and Incoming Interchange

## Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 4.
<b>Reserved</b> Positions: 5–16 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Business Format Code</b> Positions: 17–18 Length: 2 Format: alphanumeric	<b>Description:</b> 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.
<b>Reserved</b> Positions: 19–26 Length: 8 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Lodging No Show Indicator</b> Positions: 27 Length: 1 Format: alphanumeric	<b>Description:</b> 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

## Data Capture Advice Edit Criteria (continued)

<b>Lodging Extra Charges</b> Positions: 28–33 Length: 6 Format: unpacked numeric	<b>Description:</b> 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.
<b>Reserved</b> Positions: 34–37 Length: 4 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Lodging Check-In Date</b> Positions: 38–43 Length: 6 Format: unpacked numeric	<b>Description:</b> 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.
<b>Reserved</b> Positions: 44–153 Length: 110 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Internal Merchant Batch Key</b> Positions: 154–166 Length: 13 Format: alphanumeric	<b>Description:</b> 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.
<b>Record Type</b> Positions: 167 Length: 1 Format: alphanumeric	<b>Description:</b> Type of record. The entry will be a 2 for cardholder transaction detail.
<b>Reserved</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

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TC 57

## TC 57

## 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
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



## TC 57

## TCR 4 — INDUSTRY-SPECIFIC DATA—CAR RENTAL

## CTF – Outgoing and Incoming Interchange

## Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 4.
<b>Reserved</b> Positions: 5–16 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Business Format Code</b> Positions: 17–18 Length: 2 Format: alphanumeric	<b>Description:</b> 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.
<b>Reserved</b> Positions: 19–26 Length: 8 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Car Rental No Show Indicator</b> Positions: 27 Length: 1 Format: unpacked numeric	<b>Description:</b> 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

## Data Capture Advice Edit Criteria (continued)

<b>Car Rental Extra Charges</b> Positions: 28–33 Length: 6 Format: unpacked numeric	<b>Description:</b> 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 less than six additional charges, they must be left-justified, and space-filled or zero-filled to the right.
<b>Reserved</b> Positions: 34–37 Length: 4 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Car Rental Check-Out Date</b> Positions: 38–43 Length: 6 Format: unpacked numeric	<b>Description:</b> 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.
<b>Reserved</b> Positions: 44–153 Length: 110 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Internal Merchant Batch Key</b> Positions: 154–166 Length: 13 Format: alphanumeric	<b>Description:</b> 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.
<b>Record Type</b> Positions: 167 Length: 1 Format: alphanumeric	<b>Description:</b> Type of record. The entry will be a 2 for cardholder transaction detail.
<b>Reserved</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

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TC 57

## TC 57

## 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
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

## TC 57

## TCR 4 — MASTERCARD TRANSACTION—LODGING DATA

## CTF – Outgoing and Incoming Interchange

## Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 4.
<b>Reserved</b> Positions: 5–16 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Business Format Code</b> Positions: 17–18 Length: 2 Format: alphanumeric	<b>Description:</b> Code indicating the type of business that is applicable to this transaction.  The Business Format code must contain 06 indicating MasterCard transaction lodging data.
<b>Arrival Date</b> Positions: 19–24 Length: 6 Format: unpacked numeric	<b>Description:</b> 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.
<b>Departure Date</b> Positions: 25–30 Length: 6 Format: unpacked numeric	<b>Description:</b> The date the customer checked out of the lodging.  This field must be in MMDDYY format.
<b>Folio Number</b> Positions: 31–40 Length: 10 Format: alphanumeric	<b>Description:</b> Hotel folio or invoice number.
<b>Property Phone Number</b> Positions: 41–50 Length: 10 Format: alphanumeric	<b>Description:</b> Phone number of the lodging.

## Data Capture Advice Edit Criteria (continued)

<b>Customer Service Phone Number</b> Positions: 51–60 Length: 10 Format: alphanumeric	<b>Description:</b> Phone number of the lodging's customer service area.
<b>Room Rate</b> Positions: 61–69 Length: 9 Format: unpacked numeric	<b>Description:</b> Not being used at this time.
<b>Room Tax</b> Positions: 70–76 Length: 7 Format: unpacked numeric	<b>Description:</b> Not being used at this time.
<b>Program Code</b> Positions: 77–78 Length: 2 Format: alphanumeric	<b>Description:</b> Not being used at this time.
<b>Phone Call Amount</b> Positions: 79–87 Length: 9 Format: unpacked numeric	<b>Description:</b> Not being used at this time.
<b>Room Service Amount</b> Positions: 88–96 Length: 9 Format: unpacked numeric	<b>Description:</b> Not being used at this time.
<b>Bar Amount</b> Positions: 97–105 Length: 9 Format: unpacked numeric	<b>Description:</b> Not being used at this time.
<b>Gift Amount</b> Positions: 106–114 Length: 6 Format: unpacked numeric	<b>Description:</b> Not being used at this time.
<b>Laundry Amount</b> Positions: 115–121 Length: 7 Format: unpacked numeric	<b>Description:</b> Not being used at this time.
<b>Other Services Code</b> Positions: 122–124 Length: 3 Format: alphanumeric	<b>Description:</b> Not being used at this time.
<b>Other Services Amount</b> Positions: 125–133 Length: 9 Format: unpacked numeric	<b>Description:</b> Not being used at this time.

## Data Capture Advice Edit Criteria (continued)

<b>Billing Adjustment Indicator</b> Positions: 134 Length: 1 Format: alphanumeric	<b>Description:</b> Not being used at this time.
<b>Billing Adjustment Amount</b> Positions: 135–143 Length: 9 Format: unpacked numeric	<b>Description:</b> Not being used at this time.
<b>Reserved</b> Positions: 144–153 Length: 10 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Internal Merchant Batch Key</b> Positions: 154–166 Length: 13 Format: alphanumeric	<b>Description:</b> 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.
<b>Record Type</b> Positions: 167 Length: 1 Format: alphanumeric	<b>Description:</b> Type of record.
<b>Reimbursement Attribute</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete – must be zero-filled.

## TC 57

## 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
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



## TC 57

## TCR 4 — MASTERCARD TRANSACTION—CAR RENTAL DATA

## CTF – Outgoing and Incoming Interchange

## Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 4.
<b>Reserved</b> Positions: 5–16 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Business Format Code (05)</b> Positions: 17–18 Length: 2 Format: alphanumeric	<b>Description:</b> 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.
<b>Rental Agreement Number</b> Positions: 19–27 Length: 9 Format: alphanumeric	<b>Description:</b> Number identifying the rental agreement.
<b>Renter Name</b> Positions: 28–47 Length: 20 Format: alphanumeric	<b>Description:</b> Name of person or company who rented the car.
<b>Rental Check Out Date</b> Positions: 48–53 Length: 6 Format: unpacked numeric	<b>Description:</b> The date when the actual car rental occurred.  This field must be in MMDDYY format.
<b>Return City</b> Positions: 54–71 Length: 18 Format: alphanumeric	<b>Description:</b> The name of the city to which the rental car was returned.

## Data Capture Advice Edit Criteria (continued)

<b>Return State and Country</b> Positions: 72–74 Length: 3 Format: alphanumeric	<b>Description:</b> The name of the state and country to which the rental car was returned.
<b>Return Date</b> Positions: 75–80 Length: 6 Format: unpacked numeric	<b>Description:</b> The date the car was returned.  This field must be in MMDDYY format.
<b>Return Location ID</b> Positions: 81–90 Length: 10 Format: alphanumeric	<b>Description:</b> Identifier indicating the location to which the car was returned.
<b>Customer Service Number</b> Positions: 91–100 Length: 10 Format: alphanumeric	<b>Description:</b> Phone number of the lodging's customer service area.
<b>Rental Class</b> Positions: 101–102 Length: 2 Format: alphanumeric	<b>Description:</b> Not being used at this time.
<b>Daily Rate</b> Positions: 103–111 Length: 9 Format: unpacked numeric	<b>Description:</b> Not being used at this time.
<b>Rate Per Mile</b> Positions: 112–117 Length: 6 Format: unpacked numeric	<b>Description:</b> Not being used at this time.
<b>Total Miles</b> Positions: 118–121 Length: 4 Format: unpacked numeric	<b>Description:</b> Not being used at this time.
<b>Maximum Free Miles</b> Positions: 122–125 Length: 4 Format: unpacked numeric	<b>Description:</b> Not being used at this time.
<b>Insurance Indicator</b> Positions: 126 Length: 1 Format: alphanumeric	<b>Description:</b> Not being used at this time.
<b>Insurance Charges</b> Positions: 127–135 Length: 9 Format: unpacked numeric	<b>Description:</b> Not being used at this time.

## Data Capture Advice Edit Criteria (continued)

<b>Adjusted Amount Indicator</b> Positions: 136 Length: 1 Format: alphanumeric	<b>Description:</b> Not being used at this time.
<b>Adjusted Amount</b> Positions: 137–145 Length: 9 Format: unpacked numeric	<b>Description:</b> Not being used at this time.
<b>Program Code</b> Positions: 146–147 Length: 2 Format: alphanumeric	<b>Description:</b> Not being used at this time.
<b>Reserved</b> Positions: 148–153 Length: 6 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Internal Merchant Batch Key</b> Positions: 154–166 Length: 13 Format: alphanumeric	<b>Description:</b> 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.
<b>Record Type</b> Positions: 167 Length: 1 Format: alphanumeric	<b>Description:</b> Type of record.
<b>Reimbursement Attribute</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete – must be zero-filled.

## TC 57

## 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

## TC 57

## TCR 5 — LIMITED-USE DATA

## CTF – Outgoing and Incoming Interchange

## Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 5.
<b>Local Tax</b> Positions: 5–13 Length: 9 Format: unpacked numeric	<b>Description:</b> 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.
<b>Tax Included</b> Positions: 14 Length: 1 Format: alphanumeric	<b>Description:</b> 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
<b>Purchase Identifier Format</b> Positions: 15 Length: 1 Format: alphanumeric	<b>Description:</b> 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. Please refer to <i>BASE II Clearing Data Codes</i> for a listing of Purchase Identifier Format Codes.
<b>Purchase Identifier</b> Positions: 16–40 Length: 25 Format: alphanumeric	<b>Description:</b> 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.
<b>Reserved</b> Positions: 41–153 Length: 113 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

**Data Capture Advice Edit Criteria (continued)**

<b>Internal Merchant Batch Key</b> Positions: 154–166 Length: 13 Format: alphanumeric	<b>Description:</b> Type of record. The entry will be a 2 for cardholder transaction detail.
<b>Record Type</b> Positions: 167 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete – must be zero-filled.
<b>Reserved</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

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TC 57

## TC 57

## TCR 5 — MASTERCARD COMPLIANCE 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



## TC 57

## TCR 5 — MASTERCARD COMPLIANCE DATA

## CTF – Outgoing and Incoming Interchange

## Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 5.
<b>Reserved</b> Positions: 5–15 Length: 11 Format: unpacked numeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Banknet Settlement Number</b> Positions: 16–24 Length: 9 Format: alphanumeric	<b>Description:</b> Number identifying Banknet Settlement event.
<b>Banknet Settlement Date</b> Positions: 25–28 Length: 4 Format: alphanumeric	<b>Description:</b> Date Banknet Settlement occurred.
<b>Validation Code</b> Positions: 29–32 Length: 4 Format: alphanumeric	<b>Description:</b> 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.
<b>Reserved</b> Positions: 33–40 Length: 8 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Authorization Amount</b> Positions: 41–52 Length: 12 Format: unpacked numeric	<b>Description:</b> Amount of purchase authorized.  This field will contain two implied decimal places.

## Data Capture Advice Edit Criteria (continued)

<b>Reserved</b> Positions: 53–153 Length: 101 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Internal Merchant Batch Key</b> Positions: 154–166 Length: 13 Format: alphanumeric	<b>Description:</b> 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.
<b>Record Type</b> Positions: 167 Length: 1 Format: alphanumeric	<b>Description:</b> Type of record.
<b>Reimbursement Attribute</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete – must be zero-filled.

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TC 57

## TC 57

## 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
4	1	UN	Transaction Component Sequence Number
5–10	6	UN	Destination BIN
11–16	6	UN	Source BIN
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

## TC 57

## TCR 0 — JAPAN ACQUIRER SERVICES

## CTF – Outgoing and Incoming Interchange

## Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  The field must contain a valid acquiring BIN with a relationship with the data capture service provider.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The field must contain the BIN of the data capture service provider.
<b>JAS Additional Data</b> Positions: 17–42 Length: 26 Format: alphanumeric	<b>Description:</b> Contains Japan Acquirer Services additional data. Refer to the <i>Member-Operated Data Capture User's Guide</i> for more information on subfields.
<b>Record Format Code</b> Positions: 43–44 Length: 2 Format: alphanumeric	<b>Description:</b> Identifies the type of data in this record.  The field must contain JP (Japan).
<b>JAS Capture Information</b> Positions: 45–168 Length: 124 Format: alphanumeric	<b>Description:</b> Contains Japan Acquirer Services capture information. Refer to the <i>Member-Operated Data Capture User's Guide</i> for more information on subfields.

## TC 57

## 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			

## TC 57

## TCR 0 — JAPAN ACQUIRER SERVICES—ADDITIONAL CAPTURE INFORMATION

## CTF – Outgoing and Incoming Interchange

## Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a zero.
<b>JAS Capture Information</b> Positions: 5–168 Length: 164 Format: alphanumeric	<b>Description:</b> Contains Japan Acquirer Service capture information. Refer to the Member-Operated Data Capture User's Guide for more information on subfields.

## TC 57

## TCR 0 — CARDHOLDER TRANSACTION DETAIL (KOREA)

## CTF – Outgoing and Incoming Interchange

## Data Capture Advice Record Layout {{Table Sheet}}

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 BIN
11–16	6	UN	Source BIN
17–18	2	UN	Transaction Type
19–24	6	AN	Store Number
25	1	AN	Card Type
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



## TC 57

## TCR 0 — CARDHOLDER TRANSACTION DETAIL (KOREA)

## CTF – Outgoing and Incoming Interchange

## Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  The field must contain a valid acquiring BIN with a relationship with the data capture service provider.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN from which a BASE II transaction message is sent.  The field must contain the BIN of the data capture service provider.
<b>Transaction Type</b> Positions: 17–18 Length: 2 Format: unpacked numeric	<b>Description:</b> Indicates type of transaction (purchase, adjustment, etc.). The field must be one of the following numeric 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.
<b>Store Number</b> Positions: 19–24 Length: 6 Format: alphanumeric	<b>Description:</b> Number identifying store where purchase occurred. This field must be alphanumeric and may contain a space.
<b>Card Type</b> Positions: 25 Length: 1 Format: alphanumeric	<b>Description:</b> Identifies type of card used for a particular purchase (Visa, MasterCard, etc.).  The field must contain A through Z.

## Data Capture Advice Edit Criteria (continued)

<b>Authorization Source Code</b> Positions: 26 Length: 1 Format: alphanumeric	<b>Description:</b> 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.  Refer to <i>BASE II Clearing Data Codes</i> for the list of codes that are defined for use by the members.
<b>Cardholder ID Method</b> Positions: 27 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates method used to identify cardholder (e.g., signature, PIN, etc.). The field must contain a space or 1 through 4.  Please refer to <i>BASE II Clearing Data Codes</i> for a list of valid codes.
<b>Transaction Amount</b> Positions: 28–39 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>POS Entry Mode</b> Positions: 40–41 Length: 2 Format: alphanumeric	<b>Description:</b> 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.
<b>Mail, Telephone or Electronic Commerce Indicator</b> Positions: 42 Length: 1 Format: alphanumeric	<b>Description:</b> 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.
<b>Record Format Code (KR)</b> Positions: 43–44 Length: 2 Format: alphanumeric	<b>Description:</b> Identifies the type of data in this record. The field must contain KR (Korea).
<b>Local Authorization Number</b> Positions: 45–52 Length: 8 Format: alphanumeric	<b>Description:</b> South Korean authorization ID. The field must be alphanumeric and greater than zero.
<b>Terminal Type</b> Positions: 53–54 Length: 2 Format: unpacked numeric	<b>Description:</b> Code that identifies the terminal type used by the merchant. Values are:  00/CAT = General POS 01/POS = EFT POS 02/EC = Electronic Commerce 03/PC = Personal Computer 04/EC+CAT = Mobile Phone
<b>Merchant ID</b> Positions: 55–69 Length: 15 Format: unpacked numeric	<b>Description:</b> Merchant identification number.  This field must contain numerics and be left-justified.
<b>Merchant Business ID</b> Positions: 70–84 Length: 15 Format: alphanumeric	<b>Description:</b> The merchant's business identification.  This field is left-justified and follows a space.

## Data Capture Advice Edit Criteria (continued)

<b>Merchant Name</b> Positions: 85–109 Length: 25 Format: alphanumeric	<b>Description:</b> Name of the merchant in the original transaction.  If not applicable, it must be a space.
<b>Merchant Location</b> Positions: 110–122 Length: 13 Format: alphanumeric	<b>Description:</b> Merchant location.  If not applicable, it must be a space.
<b>Merchant Country Code</b> Positions: 123–125 Length: 3 Format: alphanumeric	<b>Description:</b> 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.
<b>Merchant Category Code</b> Positions: 126–129 Length: 4 Format: unpacked numeric	<b>Description:</b> 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 the <i>Visa International Operating Regulations</i> for valid codes.
<b>Retrieval Reference Number</b> Positions: 130–141 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Terminal ID</b> Positions: 142–153 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Merchant Representative Resident Registration Number</b> Positions: 154–166 Length: 13 Format: unpacked numeric	<b>Description:</b> Registration number associated with merchant representative. This field must be numeric or zeros.
<b>Record Type</b> Positions: 167 Length: 1 Format: alphanumeric	<b>Description:</b> Type of record. The entry will be a 2 for cardholder transaction detail.
<b>Reimbursement Attribute</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete – must be zero-filled.

## TC 57

## 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
4	1	UN	Transaction Component Sequence Number
5–10	6	UN	Destination BIN
11–16	6	UN	Source BIN
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

## TC 57

## TCR 1 — CARDHOLDER TRANSACTION DETAIL (KOREA)

## CTF – Outgoing and Incoming Interchange

## Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 1.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  The field must contain a valid acquiring BIN with a relationship with the data capture service provider.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The field must contain the BIN of the data capture service provider.
<b>Currency Code</b> Positions: 17–19 Length: 3 Format: unpacked numeric	<b>Description:</b> Indicates type of currency.  The field must contain a valid currency ISO numeric code.
<b>Account Number</b> Positions: 20–35 Length: 16 Format: unpacked numeric	<b>Description:</b> 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.
<b>Account Number Extension</b> Positions: 36–38 Length: 3 Format: unpacked numeric	<b>Description:</b> 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.  <b>Outgoing:</b> The Edit Package inserts zeros in the field if the Account Number is 16 digits or less (per the ARDEF Table).

## Data Capture Advice Edit Criteria (continued)

<b>Expiration Date</b> Positions: 39–42 Length: 4 Format: unpacked numeric	<b>Description:</b> Expiration date of the account number.  The format for the field is YYYYMM.
<b>Record Format Code (KR)</b> Positions: 43–44 Length: 2 Format: alphanumeric	<b>Description:</b> Identifies the type of data in this field. The field must contain KR (Korea).
<b>Reserved</b> Positions: 45–53 Length: 9 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Unique VAT Invoice Reference Number</b> Positions: 54–60 Length: 7 Format: alphanumeric	<b>Description:</b> Value Added Tax invoice reference number. The field must be numeric or space.
<b>Merchant Name - Korean</b> Positions: 61–92 Length: 32 Format: alphanumeric	<b>Description:</b> Name of the merchant. The merchant name is entered using Korean characters. If this field is not used, it should be spaces.
<b>Product Code</b> Positions: 93–104 Length: 12 Format: alphanumeric	<b>Description:</b> Identifies product being purchased. See <i>BASE II Clearing Data Codes</i> for valid values. This field may contain spaces.
<b>Product Name - Korean</b> Positions: 105–124 Length: 20 Format: alphanumeric	<b>Description:</b> The product name in Korean. This field may contain spaces.
<b>Order Date</b> Positions: 125–132 Length: 8 Format: unpacked numeric	<b>Description:</b> 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.
<b>Payment Method</b> Positions: 133–134 Length: 2 Format: unpacked numeric	<b>Description:</b> 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  Refer to <i>BASE II Clearing Data Codes</i> for valid Payment Method codes and definitions.

## Data Capture Advice Edit Criteria (continued)

<b>Number of Payment</b> Positions: 135–136 Length: 2 Format: unpacked numeric	<b>Description:</b> 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.
<b>Cardholder Settlement Date</b> Positions: 137–144 Length: 8 Format: unpacked numeric	<b>Description:</b> Date the cardholder will settle the account in the format YYYYMMDD. If this field is not used, it must be zero-filled.
<b>Cardholder Deferred Days</b> Positions: 145–147 Length: 3 Format: unpacked numeric	<b>Description:</b> Number of days the cardholder can defer the payment start date.  This field must be numeric or zeros.
<b>Cardholder Payment Start Date</b> Positions: 148–155 Length: 8 Format: unpacked numeric	<b>Description:</b> Cardholder payment start date for installment payments.  The format for this field is YYYYMMDD. If this field is not used, it should be zeros.
<b>Merchant Payment Date</b> Positions: 156–163 Length: 8 Format: unpacked numeric	<b>Description:</b> Merchant payment date.  The format for this field is YYYYMMDD. If this field is not used, it should be zeros.
<b>Merchant Deferred Days</b> Positions: 164–166 Length: 3 Format: unpacked numeric	<b>Description:</b> Number of days the merchant can defer the purchase date.  This field must be numeric or zeros.
<b>Record Type</b> Positions: 167 Length: 1 Format: alphanumeric	<b>Description:</b> Type of record. The entry will be a 3 for cardholder transaction detail.
<b>Reimbursement Attribute</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete – must be zero-filled.

## TC 57

## 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 BIN
11-16	6	UN	Source BIN
17-28	12	AN	Merchant Location-Korean
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



## TC 57

## TCR 2 — TRANSACTION ADDITIONAL DETAIL (KOREA)

## CTF – Outgoing and Incoming Interchange

## Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 2. The record must follow a TCR 1.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  The field must contain a valid acquiring BIN with a relationship with the data capture service provider.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The field must contain the BIN of the data capture service provider.
<b>Merchant Location - Korean</b> Positions: 17–28 Length: 12 Format: alphanumeric	<b>Description:</b> The merchant location entered using Korean characters. If this field is not used, it should be spaces.
<b>Purchase Date</b> Positions: 29–36 Length: 8 Format: unpacked numeric	<b>Description:</b> 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.
<b>Purchase Time</b> Positions: 37–42 Length: 6 Format: unpacked numeric	<b>Description:</b> The time the purchase was made.  This field must contain a valid time in the format HHMMSS.
<b>Record Format Code (KR)</b> Positions: 43–44 Length: 2 Format: alphanumeric	<b>Description:</b> Identifies the type of data in this record. The field must contain KR (Korea).

## Data Capture Advice Edit Criteria (continued)

<b>Message Text</b> Positions: 45–166 Length: 122 Format: alphanumeric	<b>Description:</b> The text in this field is followed by spaces and supported for Korean characters.
<b>Record Type</b> Positions: 167 Length: 1 Format: alphanumeric	<b>Description:</b> Type of record. The entry will be a 2 for cardholder transaction detail.
<b>Reimbursement Attribute</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete – must be zero-filled.

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TC 57

## TC 57

## 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 BIN
11–16	6	UN	Source BIN
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

## TC 57

## TCR 0 — BATCH TRAILER

## CTF – Outgoing and Incoming Interchange

## Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  The field must contain a valid acquiring BIN with a relationship with the data capture service provider.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The field must contain a valid BIN of the data capture service provider.
<b>Reserved</b> Positions: 17–22 Length: 6 Format: unpacked numeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Reserved</b> Positions: 23–34 Length: 12 Format: unpacked numeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Reserved</b> Positions: 35–37 Length: 3 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Draft Flag</b> Positions: 38 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates draft was submitted. The field must contain an N (no draft submitted).

## Data Capture Advice Edit Criteria (continued)

<b>Central Processing Date</b> Positions: 39–42 Length: 4 Format: unpacked numeric	<b>Description:</b> 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.  <b>Outgoing:</b> The field must contain a numeric value. <b>Incoming:</b> The field contains a valid YDDD date format.  This is the same as the BASE II Collection Date.
<b>Record Format Code</b> Positions: 43–44 Length: 2 Format: alphanumeric	<b>Description:</b> Identifies the type of data in this record. The Record Format Code must be DC.
<b>Reversal Flag</b> Positions: 45 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates if this is a reversal. The field must contain an R (Reversal) or a space (non-reversal).
<b>Reserved</b> Positions: 46–68 Length: 23 Format: unpacked numeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Batch Transaction Count</b> Positions: 69–75 Length: 7 Format: unpacked numeric	<b>Description:</b> This is the number of non-void cardholder transactions in the merchant batch. The field must be numeric and may contain zeros.
<b>Batch Net Amount</b> Positions: 76–90 Length: 15 Format: unpacked numeric	<b>Description:</b> 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.
<b>Batch Net Amount Sign</b> Positions: 91–92 Length: 2 Format: alphanumeric	<b>Description:</b> The sign of the total net amount. The field must contain CR or spaces.  The algebraic value of the Batch Net Amount is negative.
<b>Batch Record (TCR) Count</b> Positions: 93–99 Length: 7 Format: unpacked numeric	<b>Description:</b> Number of Transaction Component Records in the batch. The field must contain a value greater than zero.
<b>Batch Gross Amount</b> Positions: 100–114 Length: 15 Format: unpacked numeric	<b>Description:</b> Total amount in the batch. The field must be numeric.
<b>Secondary Amount</b> Positions: 115–130 Length: 16 Format: unpacked numeric	<b>Description:</b> Obsolete.

## Data Capture Advice Edit Criteria (continued)

<b>Reserved</b> Positions: 131–153 Length: 23 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Internal Merchant Batch Key</b> Positions: 154–166 Length: 13 Format: alphanumeric	<b>Description:</b> 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.
<b>Record Type</b> Positions: 167 Length: 1 Format: alphanumeric	<b>Description:</b> Type of record. The entry must be a 3 for Batch Trailer.
<b>Reimbursement Attribute</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete – must be zero-filled.

## TC 57

## 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 BIN
11–16	6	UN	Source BIN
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



## TC 57

## TCR 0 — BATCH TRAILER (KOREA)

## CTF – Outgoing and Incoming Interchange

## Data Capture Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 57.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  The field must contain a valid acquiring BIN with a relationship with the data capture service provider.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The field must contain the BIN of the data capture service provider.
<b>Purchase Transaction Count</b> Positions: 17–22 Length: 6 Format: unpacked numeric	<b>Description:</b> The count of the purchase transaction.  This is the number of non-void cardholder transactions.  The field must be numeric and may contain zeros.
<b>Purchase Transaction Amount Sum Total</b> Positions: 23–36 Length: 14 Format: unpacked numeric	<b>Description:</b> 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.
<b>Purchase Reversal Transaction Count</b> Positions: 37–42 Length: 6 Format: unpacked numeric	<b>Description:</b> The count of the purchase reversal transaction. This field must be numeric and may contain zeros.
<b>Record Format Code (KR)</b> Positions: 43–44 Length: 2 Format: alphanumeric	<b>Description:</b> Identifies the type of data in this record. The field must contain KR (Korea).

## Data Capture Advice Edit Criteria (continued)

<b>Purchase Reversal Transaction Amount Sum Total</b>  Positions: 45–58 Length: 14 Format: unpacked numeric	<b>Description:</b> 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.
<b>Installment Payment Transaction Count</b>  Positions: 59–64 Length: 6 Format: unpacked numeric	<b>Description:</b> Total count of all installment payment transactions. This field must be numeric and may contain zeros.
<b>Installment Payment Transaction Amount Sum Total</b>  Positions: 65–78 Length: 14 Format: unpacked numeric	<b>Description:</b> 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.
<b>Installment Payment Reversal Transaction Count</b>  Positions: 79–84 Length: 6 Format: unpacked numeric	<b>Description:</b> Total count of all installment payment reversal transactions. This field must be numeric and may contain zeros.
<b>Installment Payment Reversal Transaction Amount Sum Total</b>  Positions: 85–98 Length: 14 Format: unpacked numeric	<b>Description:</b> 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.
<b>Partial Reversal Transaction Count</b>  Positions: 99–104 Length: 6 Format: unpacked numeric	<b>Description:</b> Count of all transactions that are partial reversals. This field must be numeric and may contain zeros.
<b>Partial Reversal Transaction Amount Sum Total</b>  Positions: 105–118 Length: 14 Format: unpacked numeric	<b>Description:</b> This field must contain an unsigned numeric, which may be zeros. Two decimal places are implied. Minor units must be zero.
<b>Refund Transaction Count</b>  Positions: 119–124 Length: 6 Format: unpacked numeric	<b>Description:</b> Summary total of all the partial reversal amounts. This field must be numeric and may contain zeros.
<b>Refund Amount Transaction Sum Total</b>  Positions: 125–138 Length: 14 Format: unpacked numeric	<b>Description:</b> 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 (continued)**

<b>Batch Transaction Count</b> Positions: 139–144 Length: 6 Format: unpacked numeric	<b>Description:</b> The number of transactions in the batch. This field must be numeric and may contain zeros.
<b>Batch Transaction Amount Sum Total</b> Positions: 145–158 Length: 14 Format: unpacked numeric	<b>Description:</b> 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.
<b>Reserved</b> Positions: 159–166 Length: 8 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Record Type</b> Positions: 167 Length: 1 Format: alphanumeric	<b>Description:</b> Type of record. The entry must be a 5 for Batch Trailer.
<b>Reimbursement Attribute</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete – must be zero-filled.

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TC 57



TC 58.....58-1

CTF – Outgoing and Incoming Interchange

TC 58—NATIONAL SETTLEMENT ADVICE RECORD TRANSACTIONS.....58-3

TCR 0 .....58-4

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## National Settlement Advice Record Transactions

### 58.1 TC 58—NATIONAL SETTLEMENT ADVICE RECORD TRANSACTIONS

TCR 0

CTF – Outgoing and Incoming Interchange

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.

## TC 58

## 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 BIN
11–16	6	UN	Source BIN
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
153–167	15	UN	Total, Funds Disbursements
168	1	AN	Reimbursement Attribute

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



## TC 58

## TCR 0

## CTF – Outgoing and Incoming Interchange

## National Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain a 58.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  This field must contain a valid workstation BIN.  The field must contain a valid BIN.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN from which a BASE II transaction message is sent.  This field must contain a valid workstation BIN.  The field will contain a valid Visa Internal BIN.
<b>Record Subtype</b> Positions: 17–18 Length: 2 Format: unpacked numeric	<b>Description:</b> Identifies record subtype.  The field must contain a 01, 02, 03, or 04.  The Record Subtypes are:  01 = Original (05, 06, 07) 02 = Chargeback (15, 16, 17) 03 = Reversal (25, 26, 27) 04 = Chargeback Reversal (35, 36, 37)
<b>Count, Sales Drafts</b> Positions: 19–25 Length: 2 Format: unpacked numeric	<b>Description:</b> Quantity of sales drafts. The field must be numeric.
<b>Count, Credit Vouchers</b> Positions: 26–32 Length: 7 Format: unpacked numeric	<b>Description:</b> Quantity of credit vouchers. The field must be numeric.

## National Advice Edit Criteria (continued)

<b>Count, Cash Disbursements</b> Positions: 33–39 Length: 7 Format: unpacked numeric	<b>Description:</b> Quantity of cash disbursements. The field must be numeric.
<b>Total, Sales Drafts</b> Positions: 40–54 Length: 15 Format: unpacked numeric	<b>Description:</b> Total number of sales drafts. The field must be numeric.
<b>Total, Credit Vouchers</b> Positions: 55–69 Length: 15 Format: unpacked numeric	<b>Description:</b> Total number of credit vouchers. The field must be numeric.
<b>Total, Cash Disbursements</b> Positions: 70–84 Length: 15 Format: unpacked numeric	<b>Description:</b> Total number of cash disbursements. The field must be numeric.
<b>Text</b> Positions: 85–123 Length: 39 Format: alphanumeric	<b>Description:</b> 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.
<b>Count, Fee Collections</b> Positions: 124–130 Length: 7 Format: unpacked numeric	<b>Description:</b> Quantity of fee collections. Use Record Subtype 01 when entering the counts. Record Subtypes 02, 03, and 04 must always be zeros.
<b>Count, Funds Disbursements</b> Positions: 131–137 Length: 7 Format: unpacked numeric	<b>Description:</b> Quantity of funds disbursements. Use Record Subtype 01 when entering the counts. Record Subtypes 02, 03, and 04 must always be zeros.
<b>Total Fee Collections</b> Positions: 138–152 Length: 15 Format: unpacked numeric	<b>Description:</b> 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.
<b>Total, Funds Disbursements</b> Positions: 153–167 Length: 15 Format: unpacked numeric	<b>Description:</b> Total number of funds disbursements. Use Record Subtype 01 when entering the counts. Record Subtypes 02, 03, and 04 must always be zeros.
<b>Reimbursement Attribute</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> Obsolete – must be zero-filled.

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## CTF – Outgoing and Incoming Interchange

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**59.1 TC 59—INTERFACE TRANSACTION ADVICE RECORD TRANSACTIONS**

TCR 0, 1, 2

CTF – Outgoing and Incoming Interchange

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.

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.

Please refer to the *VisaNet POS Services Technical User's Guide* and *File Formats Manual* for additional information on TC 59 Interface Transaction Advice transactions and records.

## TC 59

## 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 BIN
11–16	6	UN	Source BIN
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
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

## TC 59

## TCR 0 — NON-VISA TRANSACTION DETAIL

## CTF – Outgoing and Incoming Interchange

## Interface Transaction Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 59.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a zero.
<b>Destination BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN to which a BASE II transaction message is sent.  The field will contain a valid BIN.
<b>Source BIN</b> Positions: 11–16 Length: 6 Format: unpacked numeric	<b>Description:</b> The BIN from which a BASE II transaction message is sent.  The field will contain a valid Visa Internal BIN.
<b>Account Number</b> Positions: 17–35 Length: 19 Format: unpacked numeric	<b>Description:</b> 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. Refer to <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.  <b>VIC Edit:</b> 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.
<b>Acquirer Bank ID</b> Positions: 36–41 Length: 6 Format: unpacked numeric	<b>Description:</b> Bank Identification Number of the acquiring bank. The field must contain a valid BIN.  <b>VIC Edit:</b> This BIN must be a valid acquirer BIN.
<b>Capture Date</b> Positions: 42–45 Length: 4 Format: unpacked numeric	<b>Description:</b> 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.

## Interface Transaction Advice Edit Criteria (continued)

<b>Film Locator</b> Positions: 46–56 Length: 11 Format: unpacked numeric	<b>Description:</b> An 11-digit numeric used to identify the Film records. Within the Date and Acquirer BIN, 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.  <b>VIC Edit:</b> For American Express, it must be greater than zero.
<b>Purchase Date</b> Positions: 57–60 Length: 4 Format: unpacked numeric	<b>Description:</b> 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).
<b>Transaction Amount</b> Positions: 61–72 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.
<b>Transaction Currency Code</b> Positions: 73–75 Length: 3 Format: alphanumeric	<b>Description:</b> Contains a code that identifies the currency of the Transaction Amount field.  The field must contain a valid Currency Code.  <b>VIC Edit:</b> For American Express, the code must be 840.
<b>Merchant Name</b> Positions: 76–100 Length: 25 Format: alphanumeric	<b>Description:</b> The name of the merchant who generated the transaction.  The first position of the field may not be a space.
<b>Merchant City</b> Positions: 101–113 Length: 13 Format: alphanumeric	<b>Description:</b> 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 chargebacks, retrieval requests, and representments.  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.
<b>Merchant State/Province Code</b> Positions: 114–116 Length: 3 Format: alphanumeric	<b>Description:</b> 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.



## Interface Transaction Advice Edit Criteria (continued)

<b>Merchant Country Code</b> Positions: 117–119 Length: 3 Format: alphanumeric	<b>Description:</b> 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.
<b>Merchant ZIP Code</b> Positions: 120–124 Length: 5 Format: unpacked numeric	<b>Description:</b> The ZIP code of the merchant where the transaction occurred.  The field must be numeric.
<b>Reserved</b> Positions: 125–128 Length: 4 Format: unpacked numeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Merchant Category Code</b> Positions: 129–132 Length: 4 Format: unpacked numeric	<b>Description:</b> 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).
<b>Electronic Terminal Indicator</b> Positions: 133 Length: 1 Format: alphanumeric	<b>Description:</b> 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. The values are: 0 = No terminal 1 = Electronic terminal
<b>Authorization Code</b> Positions: 134–139 Length: 6 Format: alphanumeric	<b>Description:</b> 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.
<b>Transaction Type</b> Positions: 140 Length: 1 Format: alphanumeric	<b>Description:</b> The type of transaction contained in this TCR.  The field must contain a number from 5 through 8. The values are:  5 = Purchase or sale 6 = Return or credit 7 = Cash disbursement 8 = Lodging "no show"
<b>Reversal Flag</b> Positions: 141 Length: 1 Format: alphanumeric	<b>Description:</b> Flag indicating if this is a reversal.  The field must contain a space or an R. The values are:  Space = Nonreversal R = Reversal

## Interface Transaction Advice Edit Criteria (continued)

<b>Discover Merchant ID</b> Positions: 142–157 Length: 16 Format: unpacked numeric	<b>Description:</b> Identification number of merchants dealing with Discover cards.  The field must contain a numeric and be left-justified and zero-filled. If the Destination BIN is 420999 (Discover), the value must be greater than zero.
<b>POS Entry Mode</b> Positions: 158–159 Length: 2 Format: alphanumeric	<b>Description:</b> 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 BIN is 420999 (Discover), the value must be greater than zero.
<b>Reserved</b> Positions: 160–163 Length: 4 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Central Processing Date</b> Positions: 164–167 Length: 4 Format: unpacked numeric	<b>Description:</b> 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.  <b>Outgoing:</b> The central processing date is inserted at the VIC. <b>Incoming:</b> The field will be in the format YDDD.
<b>Reimbursement Attribute</b> Positions: 168 Length: 1 Format: unpacked numeric	<b>Description:</b> Obsolete – must be zero-filled.

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TC 59

## TC 59

## 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
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

## TC 59

## TCR 1 — NON-VISA TRANSACTION DETAIL, ADDITIONAL DATA

## CTF – Outgoing and Incoming Interchange

## Interface Transaction Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 59.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 1.
<b>Reserved</b> Positions: 5–16 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Data Capture Audit Key</b> Positions: 17–57 Length: 41 Format: Group	<b>Description:</b> For processor use.
<b>Agent</b> Positions: 17–22 Length: 6 Format: unpacked numeric	<b>Description:</b> Indicates the settlement agent bank.  This field must be numeric and may be zero.
<b>Chain</b> Positions: 23–28 Length: 6 Format: unpacked numeric	<b>Description:</b> Indicates the name of the merchant chain.  This field must be numeric and may be zero.
<b>Merchant Number</b> Positions: 29–44 Length: 16 Format: unpacked numeric	<b>Description:</b> Number identifying the merchant.  This field must be numeric and greater than zero.
<b>Store Number</b> Positions: 45–48 Length: 4 Format: alphanumeric	<b>Description:</b> 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 (continued)

<b>Terminal Number</b> Positions: 49–52 Length: 4 Format: alphanumeric	<b>Description:</b> Identifies the card acceptor terminal or ATM.  The first position of the field may not be a space.
<b>Merchant Batch</b> Positions: 53–57 Length: 5 Format: unpacked numeric	<b>Description:</b> Number assigned by the merchant terminal identifying a particular set of transaction records.  The field must contain a numeric greater than zero.
<b>Tip</b> Positions: 58–69 Length: 12 Format: alphanumeric	<b>Description:</b> Amount of tip.  The field must be numeric or space-filled.  The field contains two implied decimal places.
<b>Merchant Batch Date</b> Positions: 70–73 Length: 4 Format: unpacked numeric	<b>Description:</b> Date on which merchant transmitted the batch to the VIC.  The field must contain a valid MMDD.
<b>Authorization Source</b> Positions: 74 Length: 1 Format: alphanumeric	<b>Description:</b> This field identifies the source of the authorization obtained.  The field must contain a space, A through Z, or 0 through 9. The values are:  1 = Visa BASE I 3 = Terminal-generated 4 = Referral with manually keyed authorization code 5 = Offline authorization or credit
<b>POS Terminal Capability</b> Positions: 75 Length: 1 Format: alphanumeric	<b>Description:</b> 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: <ul style="list-style-type: none"> <li>• Authorization-only capability</li> <li>• Data capture-only capability</li> <li>• Electronic Capability</li> <li>• Manual capability</li> <li>• Semi-electronic capability</li> </ul> The field must contain a space, 0 through 5, or 9. Values are:  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

**Interface Transaction Advice Edit Criteria (continued)**

<b>Transaction Entry Mode</b> Positions: 76 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates how the transaction was entered.  The field must contain a space, or 0 through 6. Values are:  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
<b>Cardholder ID Method</b> Positions: 77 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates how the cardholder was identified at the terminal.  The field must be a space, or 1 through 4. Values are:  Space = Not specified 1 = Signature 2 = PIN 3 = Unattended terminal, no PIN pad 4 = Mail/phone order
<b>Reserved</b> Positions: 78–167 Length: 90 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Non-Visa Payment Indicator</b> Positions: 168 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates a non-Visa transaction.

# TCR 1 — AMERICAN EXPRESS (FORMAT CODES 02, 03, 05, 10, 11, 12)

## TC 59

### TCR 1 — AMERICAN EXPRESS (FORMAT CODES 02, 03, 05, 10, 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
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



## TC 59

## TCR 1 — AMERICAN EXPRESS (FORMAT CODES 02, 03, 05, 10, 11, 12)

## CTF – Outgoing and Incoming Interchange

## Interface Transaction Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 59.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 1.
<b>Approval Code</b> Positions: 5–10 Length: 6 Format: alphanumeric	<b>Description:</b> Contains the authorization code provided by the issuer when the transaction is approved.  <b>VIC Edit:</b> 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.
<b>Reserved</b> Positions: 11–16 Length: 6 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Data Capture Audit Key</b> Positions: 17–57 Length: 41 Format: Group	<b>Description:</b> For processor use.
<b>Agent</b> Positions: 17–22 Length: 6 Format: unpacked numeric	<b>Description:</b> Indicates the settlement agent bank.
<b>Chain</b> Positions: 23–28 Length: 6 Format: unpacked numeric	<b>Description:</b> Indicates the name of the merchant chain.  This field must be numeric and may be zero.
<b>Merchant Number</b> Positions: 29–44 Length: 16 Format: unpacked numeric	<b>Description:</b> Number identifying the merchant.  This field must be numeric and greater than zero.

## Interface Transaction Advice Edit Criteria (continued)

<b>Store Number</b> Positions: 45–48 Length: 4 Format: alphanumeric	<b>Description:</b> The identifying number of the actual merchant store where the transaction occurred.  The first position of the field may not be a space.
<b>Terminal Number</b> Positions: 49–52 Length: 4 Format: alphanumeric	<b>Description:</b> The identifying number of the actual terminal where the transaction occurred.  The first position of the field may not be a space.
<b>Merchant Batch</b> Positions: 53–57 Length: 5 Format: unpacked numeric	<b>Description:</b> Number assigned by the merchant terminal identifying a particular set of batch records.  The field must contain a numeric greater than zero.
<b>Tip/Cashback</b> Positions: 58–69 Length: 12 Format: alphanumeric	<b>Description:</b> Amount of tip or cashback.  The field must be numeric or space-filled.  The field contains two implied decimal places.
<b>Merchant Batch Date</b> Positions: 70–73 Length: 4 Format: unpacked numeric	<b>Description:</b> Date on which merchant transmitted the batch to the VIC.  The field must contain a valid MMDD.
<b>Authorization Source</b> Positions: 74 Length: 1 Format: alphanumeric	<b>Description:</b> This field identifies the source of the Authorization obtained.  The field must contain a space, A through Z, or 0 through 9. The values are:  1 = Visa BASE I 3 = Terminal-generated 4 = Referral with manually keyed authorization code 5 = Offline authorization or credit
<b>POS Terminal Capability</b> Positions: 75 Length: 1 Format: alphanumeric	<b>Description:</b> 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: <ul style="list-style-type: none"> <li>• Authorization-only capability</li> <li>• Data capture-only capability</li> <li>• Electronic capability</li> <li>• Manual capability</li> <li>• Semi-electronic capability</li> </ul> The field must contain a space, 0 through 5, or 9. Values are:  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

## Interface Transaction Advice Edit Criteria (continued)

<b>Transaction Entry Mode</b>  Positions: 76 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates how the transaction was entered.  The field must contain a space, or 0 through 6. Values are:  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
<b>Cardholder ID Method</b>  Positions: 77 Length: 1 Format: alphanumeric	<b>Description:</b> 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
<b>Format Code</b>  Positions: 78–79 Length: 2 Format: alphanumeric	<b>Description:</b> Indicates the type of transaction.  <b>VIC Edit:</b> 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
<b>Service Establishment Number</b>  Positions: 80–89 Length: 10 Format: unpacked numeric	<b>Description:</b> Identifies the merchant.  <b>VIC Edit:</b> The field must contain a valid Service Establishment Number and must pass the modulus-10 check digit routine.
<b>Invoice Batch Code</b>  Positions: 90–92 Length: 3 Format: unpacked numeric	<b>Description:</b> Identifies the batch containing the invoices.  <b>VIC Edit:</b> The field must be numeric and contain a value greater than zero.
<b>Invoice Sub-Code</b>  Positions: 93–94 Length: 2 Format: unpacked numeric	<b>Description:</b> Sub-code indicating invoice batch.  <b>VIC Edit:</b> The field must be numeric and may be zeros.
<b>Process Control ID</b>  Positions: 95–100 Length: 6 Format: unpacked numeric	<b>Description:</b> Identifies the control record.  <b>VIC Edit:</b> The field must be numeric and contain a value greater than zero.

## Interface Transaction Advice Edit Criteria (continued)

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

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TC 59

# TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL, GENERAL MERCHANDISE (FORMAT CODES 02, 03, AND 10)

## TC 59

### 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
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

## TC 59

TCR 2 — AMERICAN EXPRESS TRANSACTION DETAIL, GENERAL MERCHANDISE  
(FORMAT CODES 02, 03, AND 10)

## CTF – Outgoing and Incoming Interchange

## Interface Transaction Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 59.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 2. The record must follow a TCR 1.
<b>Reserved</b> Positions: 5–16 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Format Code</b> Positions: 17–18 Length: 2 Format: alphanumeric	<b>Description:</b> Indicates the type of transaction.  <b>VIC Edit:</b> The field must contain 02, 03, 10, or 20. Values are:  02, 03, 10, 20 = General Merchandise
<b>Item 1 Quantity</b> Positions: 19–21 Length: 3 Format: unpacked numeric	<b>Description:</b> Quantity of Item 1.  <b>VIC Edit:</b> 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.
<b>Item 1 Descriptor</b> Positions: 22–36 Length: 15 Format: alphanumeric	<b>Description:</b> Description of Item 1.  <b>VIC Edit:</b> If Item 1 Quantity is greater than zero, the field cannot be space-filled.
<b>Item 1 Unit Price</b> Positions: 37–44 Length: 8 Format: unpacked numeric	<b>Description:</b> Unit price of Item 1.  <b>VIC Edit:</b> If Item 1 Quantity is greater than zero, the field must contain a value greater than zero.  The field contains two implied decimal places.

## TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL, GENERAL MERCHANDISE (FORMAT CODES 02, 03, AND 10)

### Interface Transaction Advice Edit Criteria (continued)

<b>Item 1 Total Price</b> Positions: 45–52 Length: 8 Format: unpacked numeric	<b>Description:</b> Total price of Item 1 units.  <b>VIC Edit:</b> 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.
<b>Item 2 Quantity</b> Positions: 53–55 Length: 3 Format: unpacked numeric	<b>Description:</b> Quantity of Item 2.  <b>VIC Edit:</b> 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.
<b>Item 2 Descriptor</b> Positions: 56–70 Length: 15 Format: alphanumeric	<b>Description:</b> Description of Item 2.  <b>VIC Edit:</b> If Item 2 Quantity is greater than zero, the field cannot be space-filled.
<b>Item 2 Unit Price</b> Positions: 71–78 Length: 8 Format: unpacked numeric	<b>Description:</b> Unit price of Item 2.  <b>VIC Edit:</b> If Item 2 Quantity is greater than zero, the Unit Price must be greater than zero.  The field contains two implied decimal places.
<b>Item 2 Total Price</b> Positions: 79–86 Length: 8 Format: unpacked numeric	<b>Description:</b> Total price of Item 2 units.  <b>VIC Edit:</b> 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.
<b>Item 3 Quantity</b> Positions: 87–89 Length: 3 Format: unpacked numeric	<b>Description:</b> Quantity of Item 3.  <b>VIC Edit:</b> 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.
<b>Item 3 Descriptor</b> Positions: 90–104 Length: 15 Format: alphanumeric	<b>Description:</b> Description of Item 3.  <b>VIC Edit:</b> If Item 3 Quantity is greater than zero, the field cannot be space-filled.
<b>Item 3 Unit Price</b> Positions: 105–112 Length: 8 Format: unpacked numeric	<b>Description:</b> Unit price of Item 3.  The field contains two implied decimal places.
<b>Item 3 Total Price</b> Positions: 113–120 Length: 8 Format: unpacked numeric	<b>Description:</b> Total price of Item 3 units.  <b>VIC Edit:</b> 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.
<b>Item 4 Quantity</b> Positions: 121–123 Length: 3 Format: unpacked numeric	<b>Description:</b> Quantity of Item 4.  <b>VIC Edit:</b> 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.



## TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL, GENERAL MERCHANDISE (FORMAT CODES 02, 03, AND 10)

### Interface Transaction Advice Edit Criteria (continued)

<b>Item 4 Descriptor</b> Positions: 124–138 Length: 15 Format: alphanumeric	<b>Description:</b> Description of Item 4.  <b>VIC Edit:</b> If the Item 4 Quantity is greater than zero, the field cannot be space-filled.
<b>Item 4 Unit Price</b> Positions: 139–146 Length: 8 Format: unpacked numeric	<b>Description:</b> Unit price of Item 4.  <b>VIC Edit:</b> If the Item 4 Quantity is greater than zero, the Price must be greater than zero.  The field contains two implied decimal places.
<b>Item 4 Total Price</b> Positions: 147–154 Length: 8 Format: unpacked numeric	<b>Description:</b> Total price of Item 4 units.  <b>VIC Edit:</b> 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.
<b>Tax Amount</b> Positions: 155–160 Length: 6 Format: unpacked numeric	<b>Description:</b> Amount of tax applied.  <b>VIC Edit:</b> The field must be numeric and may contain zeros.  The field contains two implied decimal places.
<b>Reserved</b> Positions: 161–168 Length: 8 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

# TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL, AUTOMOBILE RENTAL (FORMAT CODE 05)

## TC 59

### TCR 2 — AMERICAN EXPRESS TRANSACTION DETAIL, AUTOMOBILE RENTAL (FORMAT CODE 05)

#### CTF – Outgoing and Incoming Interchange

#### Interface Transaction Advice Record Layout {{Table Sheet}}

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)
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

## TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL, AUTOMOBILE RENTAL (FORMAT CODE 05)

### TC 59

#### TCR 2 — AMERICAN EXPRESS TRANSACTION DETAIL, AUTOMOBILE RENTAL (FORMAT CODE 05)

##### CTF – Outgoing and Incoming Interchange

##### Interface Transaction Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 59.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 2. The record must follow a TCR 1.
<b>Reserved</b> Positions: 5–16 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Format Code</b> Positions: 17–18 Length: 2 Format: alphanumeric	<b>Description:</b> Indicates the type of transaction.  <b>VIC Edit:</b> The field must contain 05 (Automobile Rental).
<b>Rental Agreement Number</b> Positions: 19–27 Length: 9 Format: alphanumeric	<b>Description:</b> Number identifying the rental agreement.  <b>VIC Edit:</b> The field cannot be space-filled.
<b>Audit Adjustment</b> Positions: 28–35 Length: 8 Format: unpacked numeric	<b>Description:</b>  <b>VIC Edit:</b> The field must be numeric and may contain zeros.  The field contains two implied decimal places.
<b>Audit Adjustment Indicator</b> Positions: 36 Length: 1 Format: alphanumeric	<b>Description:</b>  <b>VIC Edit:</b> The field must contain an A if the Audit Adjustment is greater than zero; otherwise, it must be space-filled.
<b>Auto Reference Number</b> Positions: 37–44 Length: 8 Format: alphanumeric	<b>Description:</b> Contract reference number from rental company.  <b>VIC Edit:</b> The field cannot be space-filled or all zeros.

## TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL, AUTOMOBILE RENTAL (FORMAT CODE 05)

### Interface Transaction Advice Edit Criteria (continued)

<b>Rental City</b> Positions: 45–62 Length: 18 Format: alphanumeric	<b>Description:</b> Name of city where actual car rental occurred.  <b>VIC Edit:</b> The field cannot be space-filled.
<b>Rental State</b> Positions: 63–64 Length: 2 Format: alphanumeric	<b>Description:</b> Name of state where actual car rental occurred.  <b>VIC Edit:</b> The field must contain a valid U.S. State Code.
<b>Rental Date</b> Positions: 65–70 Length: 6 Format: unpacked numeric	<b>Description:</b> Date when the actual car rental occurred.  <b>VIC Edit:</b> The format is YYMMDD.
<b>Rental Time</b> Positions: 71–74 Length: 4 Format: unpacked numeric	<b>Description:</b> The time when the actual car rental occurred.  <b>VIC Edit:</b> The format is HHMM, where:  HH = 00 through 23 MM = 00 through 59
<b>Return City</b> Positions: 75–92 Length: 18 Format: alphanumeric	<b>Description:</b> The name of the city to which the rental car was returned.  <b>VIC Edit:</b> The field cannot be space-filled.
<b>Return State</b> Positions: 93–94 Length: 2 Format: alphanumeric	<b>Description:</b> The name of the state to which the rental car was returned.  <b>VIC Edit:</b> The field must contain a valid U.S. State Code.
<b>Return Date</b> Positions: 95–100 Length: 6 Format: unpacked numeric	<b>Description:</b> 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.  <b>VIC Edit:</b> The format is YYMMDD.
<b>Return Time</b> Positions: 101–104 Length: 4 Format: unpacked numeric	<b>Description:</b> The time the rental car was returned.  <b>VIC Edit:</b> The format is HHMM, where:  HH = 00 through 23 MM = 00 through 59
<b>Renter Name</b> Positions: 105–124 Length: 20 Format: alphanumeric	<b>Description:</b> Name of renter of vehicle.  <b>VIC Edit:</b> The field cannot be space-filled.
<b>Reserved</b> Positions: 125–168 Length: 44 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

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TC 59

# TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL, LODGING (FORMAT CODE 11)

## TC 59

### 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

## TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL, LODGING (FORMAT CODE 11)

### TC 59

#### TCR 2 — AMERICAN EXPRESS TRANSACTION DETAIL, LODGING (FORMAT CODE 11)

##### CTF – Outgoing and Incoming Interchange

##### Interface Transaction Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 59.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 2. The record must follow a TCR 1.
<b>Reserved</b> Positions: 5–16 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Format Code</b> Positions: 17–18 Length: 2 Format: alphanumeric	<b>Description:</b> Indicates the type of transaction.  <b>VIC Edit:</b> The field must contain 11 (Lodging).
<b>Tax Amount</b> Positions: 19–24 Length: 6 Format: unpacked numeric	<b>Description:</b> Amount of tax applied.  <b>VIC Edit:</b> The field must be numeric.  The field contains two implied decimal places.
<b>Charge Type</b> Positions: 25 Length: 1 Format: alphanumeric	<b>Description:</b> Type of lodging charge.  <b>VIC Edit:</b> 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.
<b>Arrival Date</b> Positions: 26–31 Length: 6 Format: unpacked numeric	<b>Description:</b> 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.  <b>VIC Edit:</b> 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.

## TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL, LODGING (FORMAT CODE 11)

### Interface Transaction Advice Edit Criteria (continued)

<b>Departure Date</b> Positions: 32–37 Length: 6 Format: unpacked numeric	<b>Description:</b> The date the guest checked out of the room.  The date may be a future one.  <b>VIC Edit:</b> 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.
<b>Duration of Stay</b> Positions: 38–39 Length: 2 Format: unpacked numeric	<b>Description:</b> Length of stay in days.  <b>VIC Edit:</b> 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.
<b>Special Program</b> Positions: 40 Length: 1 Format: alphanumeric	<b>Description:</b>  <b>VIC Edit:</b> 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.
<b>Room Rate</b> Positions: 41–45 Length: 5 Format: unpacked numeric	<b>Description:</b> Daily rate charged for the room/lodging.  <b>VIC Edit:</b> 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.
<b>Reserved</b> Positions: 46–168 Length: 123 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.



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TC 59

## TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL, RESTAURANT (FORMAT CODE 12)

### TC 59

#### 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
81–88	8	UN	Tip Amount 2
89–168	80	AN	Reserved

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

## TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL, RESTAURANT (FORMAT CODE 12)

### TC 59

### TCR 2 — AMERICAN EXPRESS TRANSACTION DETAIL, RESTAURANT (FORMAT CODE 12)

#### CTF – Outgoing and Incoming Interchange

#### Interface Transaction Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 59.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 2. The record must follow a TCR 1.
<b>Reserved</b> Positions: 5–16 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Format Code</b> Positions: 17–18 Length: 2 Format: alphanumeric	<b>Description:</b> Indicates the type of transaction.  <b>VIC Edit:</b> The field must contain 12 (Restaurant).
<b>Tax Amount</b> Positions: 19–24 Length: 6 Format: unpacked numeric	<b>Description:</b> Amount of tax applied.  <b>VIC Edit:</b> The field must be numeric.  The field contains two implied decimal places.
<b>Food ID</b> Positions: 25–32 Length: 8 Format: alphanumeric	<b>Description:</b> Identifies type of food sale.  <b>VIC Edit:</b> The field must contain FOOD, FOOD/BEV, or B-MY-GST.
<b>Food Amount</b> Positions: 33–40 Length: 8 Format: unpacked numeric	<b>Description:</b> Amount of the food purchase.  <b>VIC Edit:</b> The field must be numeric and right-justified.  The field contains two implied decimal places.
<b>Beverage ID</b> Positions: 41–48 Length: 8 Format: alphanumeric	<b>Description:</b> 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.

## TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL, RESTAURANT (FORMAT CODE 12)

### Interface Transaction Advice Edit Criteria (continued)

<b>Beverage Amount</b> Positions: 49–56 Length: 8 Format: unpacked numeric	<b>Description:</b> Amount of the beverage purchase.  <b>VIC Edit:</b> The field must be numeric.  The field contains two implied decimal places.
<b>Tip Recipient Literal 1</b> Positions: 57–64 Length: 8 Format: alphanumeric	<b>Description:</b> Recipient of Tip Amount 1.  <b>VIC Edit:</b> 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.
<b>Tip Amount 1</b> Positions: 65–72 Length: 8 Format: unpacked numeric	<b>Description:</b> Amount of tip.  <b>VIC Edit:</b> The field must be numeric.  The field contains two implied decimal places.
<b>Tip Recipient Literal 2</b> Positions: 73–80 Length: 8 Format: alphanumeric	<b>Description:</b> Recipient of Tip Amount 2.  <b>VIC Edit:</b> 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.
<b>Tip Amount 2</b> Positions: 81–88 Length: 8 Format: unpacked numeric	<b>Description:</b> Amount of tip.  <b>VIC Edit:</b> The field must be numeric.  The field contains two implied decimal places.
<b>Reserved</b> Positions: 89–168 Length: 80 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

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TC 59

# TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL, INSURANCE PART 1 (FORMAT CODES 04, RESERVED FOR FUTURE USE)

## TC 59

### TCR 2 — AMERICAN EXPRESS TRANSACTION DETAIL, INSURANCE PART 1 (FORMAT CODES 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
19–28	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

## TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL, INSURANCE PART 1 (FORMAT CODES 04, RESERVED FOR FUTURE USE)

### TC 59

#### TCR 2 — AMERICAN EXPRESS TRANSACTION DETAIL, INSURANCE PART 1 (FORMAT CODES 04, RESERVED FOR FUTURE USE)

##### CTF – Outgoing and Incoming Interchange

##### Interface Transaction Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 59.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 2. The record must follow a TCR 1.
<b>Reserved</b> Positions: 5–16 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Format Code</b> Positions: 17–18 Length: 2 Format: alphanumeric	<b>Description:</b> Indicates the type of transaction.  The field must contain 59.
<b>Policy Number</b> Positions: 19–28 Length: 10 Format: alphanumeric	<b>Description:</b> ID number of the insurance policy.  <b>VIC Edit:</b> 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.
<b>Tax Amount</b> Positions: 29–34 Length: 6 Format: unpacked numeric	<b>Description:</b> Amount of tax applied.  <b>VIC Edit:</b> The field must be numeric and may contain zeros.  The field contains two implied decimal places.
<b>Type of Policy</b> Positions: 35–74 Length: 40 Format: alphanumeric	<b>Description:</b> Brief description of policy type.
<b>Coverage Dates</b> Positions: 75–114 Length: 40 Format: alphanumeric	<b>Description:</b> Time period the policy covers.

**TCR 2 —AMERICAN EXPRESS TRANSACTION  
DETAIL, INSURANCE PART 1 (FORMAT CODES 04,  
RESERVED FOR FUTURE USE)****Interface Transaction Advice Edit Criteria (continued)**

<b>Miscellaneous Description 1</b> Positions: 115–154 Length: 40 Format: alphanumeric	<b>Description:</b> Details of the insurance policy/coverage.
<b>Reserved</b> Positions: 155–168 Length: 14 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.



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TC 59

**TCR 2 —AMERICAN EXPRESS TRANSACTION  
DETAIL, INSURANCE PART 2 (FORMAT CODE 04,  
RESERVED FOR FUTURE USE)****TC 59****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

## TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL, INSURANCE PART 2 (FORMAT CODE 04, RESERVED FOR FUTURE USE)

### TC 59

#### TCR 2 — AMERICAN EXPRESS TRANSACTION DETAIL, INSURANCE PART 2 (FORMAT CODE 04, RESERVED FOR FUTURE USE)

##### CTF – Outgoing and Incoming Interchange

##### Interface Transaction Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 59.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 3. The record must follow a TCR 2.
<b>Reserved</b> Positions: 5–16 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Format Code</b> Positions: 17–18 Length: 2 Format: alphanumeric	<b>Description:</b> Indicates the type of transaction.  <b>VIC Edit:</b> The field must contain 04 (Insurance).
<b>Miscellaneous Description 2</b> Positions: 19–58 Length: 40 Format: alphanumeric	<b>Description:</b> Additional details of the insurance policy/coverage.
<b>Reserved</b> Positions: 59–168 Length: 110 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

# TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL, AUTOMOBILE LEASING (FORMAT CODE 07, RESERVED FOR FUTURE USE)

## TC 59

## 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)
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

## TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL, AUTOMOBILE LEASING (FORMAT CODE 07, RESERVED FOR FUTURE USE)

### TC 59

#### TCR 2 — AMERICAN EXPRESS TRANSACTION DETAIL, AUTOMOBILE LEASING (FORMAT CODE 07, RESERVED FOR FUTURE USE)

##### CTF – Outgoing and Incoming Interchange

##### Interface Transaction Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 59.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 2. The record must follow a TCR 1.
<b>Reserved</b> Positions: 5–16 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Format Code</b> Positions: 17–18 Length: 2 Format: alphanumeric	<b>Description:</b> Indicates the type of transaction.  <b>VIC Edit:</b> The field must contain 07 (Automobile Leasing).
<b>Leasing Agreement Number</b> Positions: 19–27 Length: 9 Format: alphanumeric	<b>Description:</b> The ID number on the automobile leasing agreement.  <b>VIC Edit:</b> The field cannot be space-filled.
<b>Total Lease Charge</b> Positions: 28–35 Length: 8 Format: unpacked numeric	<b>Description:</b> A total of all fees listed on the lease.  <b>VIC Edit:</b> The field must contain a value greater than zero.  This field contains two implied decimal places.
<b>Audit Indicator</b> Positions: 36 Length: 1 Format: alphanumeric	<b>Description:</b>  <b>VIC Edit:</b> The field must be a space or contain an A.
<b>Auto Reference Number</b> Positions: 37–44 Length: 8 Format: alphanumeric	<b>Description:</b> Contract reference number from rental company.  <b>VIC Edit:</b> The field must contain a value greater than zero and must be right-justified.

## TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL, AUTOMOBILE LEASING (FORMAT CODE 07, RESERVED FOR FUTURE USE)

### Interface Transaction Advice Edit Criteria (continued)

<b>Current Monthly Payment Number</b>  Positions: 45–46 Length: 2 Format: unpacked numeric	<b>Description:</b> Number of the current monthly payment. For example, this field would contain a 12 if this is the twelfth lease payment out of 36.  <b>VIC Edit:</b> The field must be numeric.
<b>Total Number of Payment Months</b>  Positions: 47–48 Length: 2 Format: unpacked numeric	<b>Description:</b> Total number of monthly payments.
<b>Lease City</b>  Positions: 49–66 Length: 18 Format: alphanumeric	<b>Description:</b> The name of the city where the car was leased.  <b>VIC Edit:</b> The field cannot be space-filled.
<b>Lease State</b>  Positions: 67–68 Length: 2 Format: alphanumeric	<b>Description:</b> The name of the state where the car was leased.  <b>VIC Edit:</b> The field must contain a valid U.S. State Code.
<b>Lease Date</b>  Positions: 69–74 Length: 6 Format: unpacked numeric	<b>Description:</b> The date that the car was leased.  <b>VIC Edit:</b> The format is YYMMDD.
<b>Lease Time</b>  Positions: 75–78 Length: 4 Format: unpacked numeric	<b>Description:</b> Time the lease was signed.  <b>VIC Edit:</b> The format is HHMM, where:  HH = 00 through 23 MM = 00 through 59
<b>Return City</b>  Positions: 79–96 Length: 18 Format: alphanumeric	<b>Description:</b> The city the vehicle was returned to.  <b>VIC Edit:</b> The field cannot be space-filled.
<b>Return State</b>  Positions: 97–98 Length: 2 Format: alphanumeric	<b>Description:</b> The state to which the vehicle was returned.  <b>VIC Edit:</b> The field must contain a valid U.S. State Code.
<b>Return Date</b>  Positions: 99–104 Length: 6 Format: unpacked numeric	<b>Description:</b> The date the vehicle was returned.  The Return Date must be greater than or equal to the Rental Date.
<b>Return Time</b>  Positions: 105–108 Length: 4 Format: unpacked numeric	<b>Description:</b> The time the vehicle was returned.  <b>VIC Edit:</b> The format is HHMM, where:  HH = 00 through 23 MM = 00 through 59

**TCR 2 —AMERICAN EXPRESS TRANSACTION  
DETAIL, AUTOMOBILE LEASING (FORMAT CODE 07,  
RESERVED FOR FUTURE USE)****Interface Transaction Advice Edit Criteria (continued)**

<b>Lessee Name</b> Positions: 109–128 Length: 20 Format: alphanumeric	<b>Description:</b> The name of the person who holds the lease.  <b>VIC Edit:</b> The field cannot be space-filled.
<b>Car Description</b> Positions: 129–148 Length: 20 Format: alphanumeric	<b>Description:</b> Description of the model, year and make of the vehicle.
<b>Car ID Number</b> Positions: 149–163 Length: 15 Format: alphanumeric	<b>Description:</b> Vehicle ID number.
<b>Reserved</b> Positions: 164–168 Length: 5 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

# TCR 2 —AMERICAN EXPRESS TRANSACTION DETAIL, TELEPHONE (FORMAT CODE 13, RESERVED FOR FUTURE USE)

## TC 59

### 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
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



## TC 59

TCR 2 — AMERICAN EXPRESS TRANSACTION DETAIL, TELEPHONE (FORMAT  
CODE 13, RESERVED FOR FUTURE USE)

## CTF – Outgoing and Incoming Interchange

## Interface Transaction Advice Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 59.
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 2. The record must follow a TCR 1.
<b>Reserved</b> Positions: 5–16 Length: 12 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Format Code</b> Positions: 17–18 Length: 2 Format: alphanumeric	<b>Description:</b> Indicates the type of transaction.  <b>VIC Edit:</b> The field must contain 13 (Telephone).
<b>Time of Call</b> Positions: 19–22 Length: 4 Format: unpacked numeric	<b>Description:</b> Time the telephone call occurred.  <b>VIC Edit:</b> The format is HHMM, where:  HH = 00 through 23 MM = 00 through 59
<b>Duration of Call</b> Positions: 23–26 Length: 4 Format: unpacked numeric	<b>Description:</b> Length of call in hours and minutes.  <b>VIC Edit:</b> The format is HHMM, where:  HH = 00 through 23 MM = 00 through 59
<b>Reference CDAR Number</b> Positions: 27–34 Length: 8 Format: alphanumeric	<b>Description:</b> Unique CDAR reference number.

## Interface Transaction Advice Edit Criteria (continued)

<b>Call From City</b> Positions: 35–52 Length: 18 Format: alphanumeric	<b>Description:</b> City the call was made from.  <b>VIC Edit:</b> The first position of this field cannot be a space.
<b>Call From State</b> Positions: 53–54 Length: 2 Format: alphanumeric	<b>Description:</b> State the call was made from.  <b>VIC Edit:</b> The field must contain a valid U.S. State Code.
<b>Call To City</b> Positions: 55–72 Length: 18 Format: alphanumeric	<b>Description:</b> City the call was made to.  <b>VIC Edit:</b> The first position cannot be a space.
<b>Call To State</b> Positions: 73–74 Length: 2 Format: alphanumeric	<b>Description:</b> State the call was made to.  <b>VIC Edit:</b> The field must contain a valid U.S. State Code.
<b>From Telephone Number</b> Positions: 75–84 Length: 10 Format: alphanumeric	<b>Description:</b> Number the call was made from.
<b>To Telephone Number</b> Positions: 85–94 Length: 10 Format: alphanumeric	<b>Description:</b> Number the call was made to.
<b>Rate Class</b> Positions: 95 Length: 1 Format: alphanumeric	<b>Description:</b> Identifies the rate class used.
<b>Telephone Number 1</b> Positions: 96–107 Length: 12 Format: alphanumeric	<b>Description:</b> Telephone number.  <b>VIC Edit:</b> The format is xxx-xxx-xxxx.
<b>Time 1</b> Positions: 108–115 Length: 8 Format: alphanumeric	<b>Description:</b> Time of call.
<b>Cost 1</b> Positions: 116–122 Length: 7 Format: alphanumeric	<b>Description:</b> Cost of call.
<b>Telephone Number 2</b> Positions: 123–134 Length: 12 Format: alphanumeric	<b>Description:</b> Telephone number, if a second call was made.  <b>VIC Edit:</b> The format is xxx-xxx-xxxx.

## Interface Transaction Advice Edit Criteria (continued)

<b>Time 2</b> Positions: 135–142 Length: 8 Format: alphanumeric	<b>Description:</b> Time of second call.
<b>Cost 2</b> Positions: 143–149 Length: 7 Format: alphanumeric	<b>Description:</b> Cost of second call.
<b>Reserved</b> Positions: 150–168 Length: 19 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

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TC 90.....	90-1
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#### CTF – Outgoing and Incoming Interchange

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**90.1 TC 90—HEADER RECORDS**

TCR 0

Outgoing and Incoming Interchange

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

## CTF – Outgoing Interchange

## File Header Record Layout

Position	Field Length	Format	Contents
1–2	2	UN	Transaction Code
3–8	6	AN	Processing BIN
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
77–79	3	UN	Outgoing File ID
80–168	89	AN	Reserved

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



## TC 90

## TCR 0 — OUTGOING CTF

## CTF – Outgoing Interchange

## File Header Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 90.
<b>Processing BIN</b> Positions: 3–8 Length: 6 Format: alphanumeric	<b>Description:</b> The field can be spaces or the BIN for this processing center. If spaces, the Edit Package will insert the value supplied on the CENTRBIN run control option.
<b>Processing Date</b> Positions: 9–13 Length: 5 Format: unpacked numeric	<b>Description:</b> 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 YYDDD. The field is for Visa internal use only.
<b>Reserved</b> Positions: 14–29 Length: 16 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Test Option</b> Positions: 30–33 Length: 4 Format: alphanumeric	<b>Description:</b> Indicates whether the file contains production or test data. The field should be space-filled or contain TEST.  <b>NOTE:</b> <i>The values are:</i> TEST = Test run Spaces = Production run
<b>Reserved</b> Positions: 34–62 Length: 29 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Security Code</b> Positions: 63–70 Length: 8 Format: alphanumeric	<b>Description:</b> 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.
<b>Reserved</b> Positions: 71–76 Length: 6 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

**File Header Edit Criteria (continued)**

<b>Outgoing File ID</b> Positions: 77–79 Length: 3 Format: unpacked numeric	<b>Description:</b> 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.
<b>Reserved</b> Positions: 80–168 Length: 89 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

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TC 90

## TC 90

## 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	Processing BIN
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
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

## TC 90

## TCR 0 — INCOMING CTF

## CTF – Incoming Interchange

## File Header Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field will contain 90.
<b>Processing BIN</b> Positions: 3–8 Length: 6 Format: unpacked numeric	<b>Description:</b> The field will be the BIN for the processing center.
<b>Processing Date</b> Positions: 9–13 Length: 5 Format: unpacked numeric	<b>Description:</b> 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 RUNDAT run control option.  The field will be numeric in the format of YYDDD.
<b>Reserved</b> Positions: 14–19 Length: 6 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Settlement Date</b> Positions: 20–24 Length: 5 Format: unpacked numeric	<b>Description:</b> 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.  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.  <b>NOTE:</b> <i>In SMS, the settlement date in field 15 has the format mmdd and not yymmdd.</i>  The field contains the VIC settlement date (YYDDD) of the run.
<b>Reserved</b> Positions: 25–26 Length: 2 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Release Number</b> Positions: 27–29 Length: 3 Format: unpacked numeric	<b>Description:</b> The field will contain the Edit Package release number.

## File Header Edit Criteria (continued)

<b>Test Option</b> Positions: 30–33 Length: 4 Format: alphanumeric	<b>Description:</b> The field should be either zero or space-filled or contain TEST.
<b>Reserved</b> Positions: 34–62 Length: 29 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Security Code</b> Positions: 63–70 Length: 8 Format: alphanumeric	<b>Description:</b> The field will contain the Security Code for the processing center.
<b>Reserved</b> Positions: 71–76 Length: 6 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Incoming File ID</b> Positions: 77–79 Length: 3 Format: unpacked numeric	<b>Description:</b> The field identifies the CTF subfile number.
<b>Reserved</b> Positions: 80–168 Length: 89 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

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TC 90

## TC 90

## 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	Processing BIN
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
138–170	33	AN	Reserved.

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



## TC 90

## TCR 0 — OUTGOING ITF

## ITF – Outgoing Interchange

## File Header Record Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 90.
<b>Record Hash Total</b> Positions: 3–4 Length: 2 Format: Binary	<b>Description:</b> 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.
<b>Processing BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The field must contain the processing center's BIN.
<b>Processing Date</b> Positions: 11–15 Length: 5 Format: unpacked numeric	<b>Description:</b> 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 RUNDAT run control option.  The field must be numeric in the format of YYDDD. The field is for Visa internal use only.
<b>Continuation Tape Indicator</b> Positions: 16 Length: 1 Format: alphanumeric	<b>Description:</b> 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.
<b>Group Data Indicator</b> Positions: 17 Length: 1 Format: alphanumeric	<b>Description:</b> The field is for Visa internal use only. For member endpoints that send files directly to VisaNet without an Edit Package, this field is not used and must be set to spaces.

## File Header Record Edit Criteria (continued)

<b>Table File Version Number</b> Positions: 18–21 Length: 4 Format: unpacked numeric	<b>Description:</b> 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.
<b>Settlement Date</b> Positions: 22–26 Length: 5 Format: unpacked numeric	<b>Description:</b> 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.  <b>NOTE:</b> <i>In SMS, the settlement date in field 15 has the format mmdd and not yymmdd.</i>  The field must be numeric in the format of YYDDD. The field is for Visa internal use only.  For member endpoints that send files directly to VisaNet without an Edit Package, this field is not used and must be set to spaces.
<b>Reserved</b> Positions: 27–28 Length: 2 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Release Number</b> Positions: 29–31 Length: 3 Format: unpacked numeric	<b>Description:</b> This field must contain 300.  For member endpoints that send files directly to VisaNet without an Edit Package, this field is not used and must be set to spaces.
<b>Test Option</b> Positions: 32–35 Length: 4 Format: alphanumeric	<b>Description:</b> The field must be space-filled or contain TEST.  <b>NOTE:</b> <i>The values are:</i> <i>TEST = Test run</i> <i>Space = Production run</i>
<b>Process Option</b> Positions: 36 Length: 1 Format: alphanumeric	<b>Description:</b> Centralized Editing Alternative (CEA) is an optional alternative that permits an endpoint to build outgoing interchange and process incoming interchange without using the Edit Package. Visa offers this processing option to endpoints so that they may continue to use the Edit Package but realize improved operating performance. The Bypass Business Edits option affords endpoints this opportunity.  This field must contain an I.  For member endpoints that send files directly to VisaNet without an Edit Package, this field is not used and must be set to spaces.
<b>Reserved</b> Positions: 37–40 Length: 4 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

## File Header Record Edit Criteria (continued)

<b>Starting Batch Number</b> Positions: 41–46 Length: 6 Format: unpacked numeric	<b>Description:</b> Identifier of the first batch in file.  This field must contain the batch number of the first TC 91 on file.																												
<b>Reserved</b> Positions: 47–64 Length: 18 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.																												
<b>Security Code</b> Positions: 65–72 Length: 8 Format: alphanumeric	<b>Description:</b> This field must contain the center's Security Code.																												
<b>Delivery Code</b> Positions: 73 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates that this is not a delivery. This field must contain a space.																												
<b>BASE II File Type</b> Positions: 74–78 Length: 5 Format: alphanumeric	<b>Description:</b> 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.																												
<b>BASE II Unique File ID</b> Positions: 79–100 Length: 30 Format: alphanumeric	<b>Description:</b> A unique file number used by the Edit Package for history checking.  This field will be populated by the Edit Package during outgoing runs with the following values: <table border="1"> <thead> <tr> <th>Positions</th><th>Value</th></tr> </thead> <tbody> <tr> <td>79–84</td><td>Processing Center BIN (CIB)</td></tr> <tr> <td>85</td><td>'0'</td></tr> <tr> <td>86–93</td><td>System or RUNDATA (CCYYMMDD)</td></tr> <tr> <td>94</td><td>RUNMODE, i.e., (P)roduction or (T)est</td></tr> <tr> <td>95–98</td><td>RRFF where RR = Run Number and FF = File Number</td></tr> <tr> <td>99–100</td><td>'00'</td></tr> </tbody> </table> BASE II Unique File ID will be formatted as follows for members who elect to use the Centralized Edit Package Alternative. <table border="1"> <thead> <tr> <th>Positions</th><th>Value</th></tr> </thead> <tbody> <tr> <td>79–84</td><td>Processing Center BIN (CIB)</td></tr> <tr> <td>85</td><td>'0'</td></tr> <tr> <td>86–93</td><td>Processing Date (CCYYMMDD)</td></tr> <tr> <td>94</td><td>P(roduction) or T(est)</td></tr> <tr> <td>95–98</td><td>RRFF where RR = Run Number and FF = File Number</td></tr> <tr> <td>99–100</td><td>'00'</td></tr> </tbody> </table>	Positions	Value	79–84	Processing Center BIN (CIB)	85	'0'	86–93	System or RUNDATA (CCYYMMDD)	94	RUNMODE, i.e., (P)roduction or (T)est	95–98	RRFF where RR = Run Number and FF = File Number	99–100	'00'	Positions	Value	79–84	Processing Center BIN (CIB)	85	'0'	86–93	Processing Date (CCYYMMDD)	94	P(roduction) or T(est)	95–98	RRFF where RR = Run Number and FF = File Number	99–100	'00'
Positions	Value																												
79–84	Processing Center BIN (CIB)																												
85	'0'																												
86–93	System or RUNDATA (CCYYMMDD)																												
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99–100	'00'																												

## File Header Record Edit Criteria (continued)

<b>BASE II Customized Delivery File Type</b>  Positions: 109–113 Length: 5 Format: alphanumeric	<p><b>Description:</b> Centralized Editing Alternative (CEA) is an optional alternative that permits an endpoint to build outgoing interchange and process incoming interchange without using the Edit Package. Also 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><b>NOTE:</b></p> <p><i>This field is set by Edit Package through control cards for internal Visa users and vendors. Valid values are:</i></p> <p><i>Spaces are valid for Undifferentiated or General Deliveries</i></p> <p><i>CDC = Central Data Capture File</i></p> <p><i>ICS = Issuer Clearing House Services File</i></p> <p><i>ICSX = Issuer Clearing House Services expedited source file</i></p> <p><i>NMAS = National Merchant Alert Service source file</i></p> <p><i>B1T33 = BASE I TC 33 report</i></p> <p><i>B1ADV = BASE I AdvicesC</i></p> <p><i>URR = Currency Rates</i></p> <p><i>RDMS = Report Distribution Management System</i></p> <p><i>NSRPT = Offline National Settlement Reports source file</i></p> <p><i>UBFIL = Universal Biller File TC 33s, with TCR 0 UBF ID = UBF</i></p> <p><i>EPUPD = Edit Package Update</i></p> <p><i>ASRA = Acquirer Services Reports and Advices</i></p> <p><i>DBRAW = Debit Raw Data</i></p> <p><i>DBRPT = Debit Report source file</i></p> <p><i>UKNEG = UK National Negative File</i></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>
<b>Source Name</b>  Positions: 114–125 Length: 12 Format: unpacked numeric	<p><b>Description:</b> 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><b>NOTE:</b></p> <p><i>This field must be left-aligned within the field with trailing spaces.</i></p>
<b>Destination Name</b>  Positions: 126–137 Length: 12 Format: alphanumeric	<p><b>Description:</b> Identifier of the Visa destination. This field must contain BANKCARD, RSI or spaces.</p> <p><b>NOTE:</b></p> <p><i>This field must be left-aligned within the field with trailing spaces.</i></p>
<b>Reserved</b>  Positions: 138–170 Length: 33 Format: alphanumeric	<p><b>Description:</b> This field is reserved for future use. EP will always space-fill.</p>

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TC 90

## TC 90

## 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	Processing BIN
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
138–170	33	AN	Reserved.

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

## TC 90

## TCR 0 — INCOMING ITF

## ITF – Incoming Interchange

## File Header Record Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 90.
<b>Record Hash Total</b> Positions: 3–4 Length: 2 Format: Binary	<b>Description:</b> 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.
<b>Processing BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> The field must contain the processing center's BIN.
<b>Processing Date</b> Positions: 11–15 Length: 5 Format: unpacked numeric	<b>Description:</b> 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 RUNDAT 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.
<b>Continuation Tape Indicator</b> Positions: 16 Length: 1 Format: alphanumeric	<b>Description:</b> 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 or a C (Continuation of transmission).  The field must contain a C if the File Continuation Count field on the previous TC 92 is zeros.  For more information about this field, refer to an explanation of Multiple File Delivery at the beginning of this chapter.

## File Header Record Edit Criteria (continued)

<b>Group Data Indicator</b> Positions: 17 Length: 1 Format: alphanumeric	<b>Description:</b> For Visa internal use only. The field must contain a space.
<b>Table File Version Number</b> Positions: 18–21 Length: 4 Format: unpacked numeric	<b>Description:</b> This field is not used.
<b>Settlement Date</b> Positions: 22–26 Length: 5 Format: unpacked numeric	<b>Description:</b> 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.  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.  <b>NOTE:</b> <i>In SMS, the settlement date in field 15 has the format mmdd and not yymmdd.</i>  The field must be numeric in the format of YYDDD. The field is for the VIC Settlement Date.
<b>Reserved</b> Positions: 27–28 Length: 2 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Release Number</b> Positions: 29–31 Length: 3 Format: unpacked numeric	<b>Description:</b> This field must contain 300.
<b>Test Option</b> Positions: 32–35 Length: 4 Format: alphanumeric	<b>Description:</b> The field must be either zero or space-filled or contain TEST.  <b>NOTE:</b> <i>The values are:</i> <i>TEST = Test run</i> <i>Zeros or spaces = Production run</i>
<b>Process Option</b> Positions: 36 Length: 1 Format: alphanumeric	<b>Description:</b> Centralized Editing Alternative (CEA) is an optional alternative that permits an endpoint to build outgoing interchange and process incoming interchange without using the Edit Package. Visa offers this processing option to endpoints so that they may continue to use the Edit Package but realize improved operating performance. The Bypass Business Edits option affords endpoints this opportunity. This field must contain a 1. For member endpoints that send files directly to VisaNet without an Edit Package, this field is not used and must be set to spaces.
<b>Reserved</b> Positions: 37–40 Length: 4 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.



## File Header Record Edit Criteria (continued)

<b>Starting Batch Number</b> Positions: 41–46 Length: 6 Format: unpacked numeric	<b>Description:</b> Identifier of the first batch in file.  This field must contain the batch number of the first TC 91 on file.
<b>Reserved</b> Positions: 47–64 Length: 18 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Security Code</b> Positions: 65–72 Length: 8 Format: alphanumeric	<b>Description:</b> This field must contain the center's Security Code.
<b>Delivery Code</b> Positions: 73 Length: 1 Format: alphanumeric	<b>Description:</b> Indicates that this is a delivery. This field must contain a D for delivery.
<b>BASE II File Type</b> Positions: 74–78 Length: 5 Format: alphanumeric	<b>Description:</b> The type of data file that Base II is sending.  The values are:  ICRPT = Interchange Report File  NONIC = Non-interchange Report File  Space = Interchange Data
<b>BASE II Unique File ID</b> Positions: 79–108 Length: 30 Format: alphanumeric	<b>Description:</b> 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 (continued)

**BASE II Customized Delivery File Type**

Positions: 109–113  
 Length: 5  
 Format: alphanumeric

**Description:** Centralized Editing Alternative (CEA) is an optional alternative that permits an endpoint to build outgoing interchange and process incoming interchange without using the Edit Package. Also 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.

**NOTE:**

*Set by BASE II for the customized delivery file type. Values are:*

*Spaces are valid for Undifferentiated or General Deliveries*

*NNSS = National Net Settled transactions*

*RTRN = BASE II Return File*

*REHV2 = TC 04s with reason code HV2*

*READV = TC 04s*

*CDC = Central Data Capture File*

*ICS = Issuer Clearing House Services File*

*ICSX = Issuer Clearing House Services expedited source file*

*NMAS = National Merchant Alert Service source file*

*B1T33 = BASE I TC 33 report*

*B1ADV = BASE I Advices*

*CURR = Currency Rates*

*RDMS = Report Distribution Management System*

*CRIS = Cardholder Risk Identification Service source file*

*SETLM = TC 46s—machine readable*

*SETLR = Settlement Report*

*SETLP = Printable Settlement Report*

*NSRPT = Offline National Settlement Reports source file*

*UBFIL = Universal Biller File*

*EPUPD = Edit Package Update*

*ASRA = Acquirer Services Reports and Advices*

*DBRAW = Debit Raw Data*

*DBRPT = Debit Reports*

*ATMFC = ATM format conversion credit*

*UKNEG = UK National Negative File*

*ATMFD = ATM format conversion deposit*

*ATMAF = ATM format conversion undifferentiated*

*ISO = ISO formatted*

*POSOR = POS originals (non-ATM)*

*ATMBC = ATM Originated Backoffice Credit*

*ATMBD = ATM Originated Backoffice Deposit*

*ATMBO = ATM Originated Backoffice Items*

## File Header Record Edit Criteria (continued)

**BASE II Customized Delivery  
File Type (continued)**

Positions: 109–113  
Length: 5  
Format: alphanumeric

**NOTE:**

*Values continued*

*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 = 'COMMLA'*

*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 TCRO Service Identifier = CORPAI*

*PASIG = TC 50s with TCRO Service Identifier = COMMAG*

*PASLS = TC 50s with TCRO Service Identifier = CORPAS*

*PASL3 = TC 50s with TCRO Service Identifier = COMMAS*

*ASSMT Visa Extras and Loyalty – TC10 and TC20*

*ASSMG Visa Extras and Loyalty Generic file*

*SWSTK Sweepstakes – TC10 and TC20*

*SWSTG Sweepstakes Generic File*

*VCMSR = VCMS Responder BINs*

## File Header Record Edit Criteria (continued)

<b>Source Name</b> Positions: 114–125 Length: 12 Format: alphanumeric	<b>Description:</b> 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.
<b>Destination Name</b> Positions: 126–137 Length: 12 Format: alphanumeric	<b>Description:</b> 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.
<b>Reserved</b> Positions: 138–170 Length: 33 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

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ITF – Incoming Interchange

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TC 91, 92

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**91.1 TC 91, 92—BATCH AND FILE TRAILER RECORDS**

TCR 0

CTF and ITF – Outgoing and Incoming Interchange

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.

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

## TC 91, 92

## 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	BIN
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
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



## TC 91, 92

## TCR 0 — CTF

## CTF – Outgoing and Incoming Interchange

## Batch and File Trailer Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 91 or 92.  <b>NOTE:</b> <i>91 = Batch Trailer</i> <i>92 = File Trailer</i>
<b>Transaction Code Qualifier</b> Positions: 3 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 4 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a zero.
<b>BIN</b> Positions: 5–10 Length: 6 Format: unpacked numeric	<b>Description:</b> A Bank Identification Number assigned to financial institutions that are members. It identifies them and distinguishes their card issuing and acquiring programs and is also assigned to nonmember processors for identification purposes.  <b>Outgoing:</b> The field must contain zeros.  <b>Incoming:</b> The field must contain the BIN of the destination center.  <b>NOTE:</b> <i>The BIN number is supplied by the Edit Package.</i>
<b>Processing Date</b> Positions: 11–15 Length: 5 Format: unpacked numeric	<b>Description:</b> 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.  <b>Outgoing:</b> The field must contain zeros.  <b>Incoming:</b> 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.  <b>NOTE:</b> <i>The Processing Date is supplied by the Edit Package.</i>

**Batch and File Trailer Edit Criteria (continued)**

<b>Destination Amount</b> Positions: 16–30 Length: 15 Format: unpacked numeric	<b>Description:</b> Submitted transaction amount. This field contains two implied decimal places.  <b>Outgoing:</b> The field must contain zeros.  <b>Incoming:</b> 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.
<b>Number of Monetary Transactions</b> Positions: 31–42 Length: 12 Format: unpacked numeric	<b>Description:</b>  <b>Batch Trailer:</b> field will contain the count for the batch.  <b>File Trailer:</b> field will contain the count for the file.
<b>Batch Number</b> Positions: 43–48 Length: 6 Format: unpacked numeric	<b>Description:</b> 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.  <b>Batch Trailer</b> = Current batch number  <b>File Trailer</b> = Count for file
<b>Number of TCRs</b> Positions: 49–60 Length: 12 Format: unpacked numeric	<b>Description:</b> 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.  <b>Batch Trailer</b> = Count for batch  <b>File Trailer</b> = Count for file
<b>Reserved</b> Positions: 61–66 Length: 6 Format: unpacked numeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Center Batch ID</b> Positions: 67–74 Length: 8 Format: alphanumeric	<b>Description:</b> Identifier issued by the processing center.  <b>Batch Trailer:</b>  Outgoing = Processor's Batch ID  Incoming = Spaces  <b>File Trailer</b> = Spaces
<b>Number of Transactions</b> Positions: 75–83 Length: 9 Format: unpacked numeric	<b>Description:</b> 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.  <b>Batch Trailer</b> = Count for batch  <b>File Trailer</b> = Count for file

**Batch and File Trailer Edit Criteria (continued)**

<b>Reserved</b> Positions: 84–101 Length: 18 Format: unpacked numeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Source Amount</b> Positions: 102–116 Length: 15 Format: unpacked numeric	<b>Description:</b> Identifies the submitted transaction amount in the currency that is appropriate to the source endpoint. The field contains two implied decimal places.  <b>Batch Trailer</b> = Sum of transaction source amounts for the batch  <b>File Trailer</b> = Sum of transaction source amounts for the file
<b>Reserved</b> Positions: 117–131 Length: 15 Format: unpacked numeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Reserved</b> Positions: 132–146 Length: 15 Format: unpacked numeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Reserved</b> Positions: 147–161 Length: 15 Format: unpacked numeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Reserved</b> Positions: 162–168 Length: 7 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

## TC 91, 92

## 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	BIN
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

## TC 91, 92

## TCR 0 — ITF

## ITF – Outgoing and Incoming Interchange

## Batch and File Trailer Edit Criteria

<b>Transaction Code</b> Positions: 1–2 Length: 2 Format: unpacked numeric	<b>Description:</b> The field must contain 91 or 92.  <b>NOTE:</b> <i>91 = Batch Trailer</i> <i>92 = File Trailer</i>
<b>Record Hash Total</b> Positions: 3–4 Length: 2 Format: Binary	<b>Description:</b> 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.
<b>Transaction Code Qualifier</b> Positions: 5 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a 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.
<b>Transaction Component Sequence Number</b> Positions: 6 Length: 1 Format: unpacked numeric	<b>Description:</b> The field must contain a zero.
<b>BIN</b> Positions: 7–12 Length: 6 Format: unpacked numeric	<b>Description:</b> A Bank Identification Number assigned to financial institutions that are members. It identifies them and distinguishes their card issuing and acquiring programs and is also assigned to nonmember processors for identification purposes.  <b>Outgoing:</b> The field must contain zeros.  <b>Incoming:</b> The field must contain the BIN of the destination center.  The BIN number is supplied by the Edit Package.
<b>Processing Date</b> Positions: 13–17 Length: 5 Format: unpacked numeric	<b>Description:</b> 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.  <b>Outgoing:</b> The field must contain zeros.  <b>Incoming:</b> 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.

**Batch and File Trailer Edit Criteria (continued)**

<b>Destination Amount</b> Positions: 18–32 Length: 15 Format: unpacked numeric	<b>Description:</b> Submitted transaction amount. This field contains two implied decimal places.  <b>Outgoing:</b> The field must contain zeros.  <b>Incoming:</b> 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.
<b>Number of Monetary Transactions</b> Positions: 33–44 Length: 12 Format: unpacked numeric	<b>Description:</b>  <b>Batch Trailer:</b> field will contain the count for the batch.  <b>File Trailer:</b> field will contain the count for the file.
<b>Batch Number</b> Positions: 45–50 Length: 6 Format: unpacked numeric	<b>Description:</b> 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.  <b>Batch Trailer</b> = Current batch number  <b>File Trailer</b> = Count for file
<b>Number of TCRs</b> Positions: 51–62 Length: 12 Format: unpacked numeric	<b>Description:</b> The count includes all TCRs including trailers. TC 90 header records are not included in this count.  <b>Batch Trailer</b> = Count for batch  <b>File Trailer</b> = Count for file
<b>File Continuation Count</b> Positions: 63–68 Length: 6 Format: unpacked numeric	<b>Description:</b> 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, refer to an explanation of Multiple File Delivery at the beginning of this chapter.
<b>Center Batch ID</b> Positions: 69–76 Length: 8 Format: alphanumeric	<b>Description:</b> Identifier issued by the processing center.  <b>Batch Trailer:</b>  <b>Outgoing</b> = Processor's batch ID  <b>Incoming</b> = Spaces  <b>File Trailer</b> = Spaces
<b>Number of Transactions</b> Positions: 77–85 Length: 9 Format: unpacked numeric	<b>Description:</b> 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.  <b>Batch Trailer</b> = Count for batch  <b>File Trailer</b> = Count for file

**Batch and File Trailer Edit Criteria (continued)**

<b>Reserved</b> Positions: 86–103 Length: 18 Format: unpacked numeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Source Amount</b> Positions: 104–118 Length: 15 Format: unpacked numeric	<b>Description:</b> Identifies the submitted transaction amount in the currency that is appropriate to the source endpoint. The field contains two implied decimal places.  <b>Batch Trailer</b> = Gross total of all transaction source amounts in the batch for financial transactions  <b>File Trailer</b> = Gross total of all transaction source amounts in the file for financial transactions
<b>Reserved</b> Positions: 119–133 Length: 15 Format: unpacked numeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Reserved</b> Positions: 134–148 Length: 15 Format: unpacked numeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Reserved</b> Positions: 149–163 Length: 15 Format: unpacked numeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.
<b>Reserved</b> Positions: 164–170 Length: 7 Format: alphanumeric	<b>Description:</b> This field is reserved for future use. EP will always space-fill.

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TC 91, 92



**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 BIN validation purposes.

**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:

- 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**

A 23-digit identification number associated with every draft and voucher. It consists of a Format Code, BASE Identification Number (BIN), Capture Date, Film Locator, and Check Digit.

**administrative messages**

All transactions that pass information between processing centers but do not result in debits or credits in the settlement process.

**Advice File**

The BASE I file containing records of authorization and verification responses generated at the VIC for the card issuer under the rules of the Positive Cardholder Authorization Service (PCAS) or when the issuer center was unavailable.

## **ARDEF File**

The permanent file for the ARDEF (Account Range Definition) Table, which is used to control the accuracy of Edit Package processing. The table contains all valid ARDEF entries, namely: the account prefix range, its associated BIN, card-number length indicator, check-digit indicator, card type, and card usage.

## **balancing and reconciliation**

The process of accounting for the number and amount of transactions and the currency of each transaction in a BASE II cycle.

## **BASE I System**

See V.I.P. System.

## **BASE Identification Number (BIN)**

A six-digit system number used by Visa to identify the processing centers and members. BINs are assigned to processing centers operated by members, nonmember processing centers designated by members, and the members that operate processing centers.

### **NOTE**

*The BIN of a given processing center does not necessarily appear in the cardholder account numbers processed by that center.*

## **BASE II processing center**

See processing center.

## **BASE II System**

An electronic batch transmission system primarily used for the exchange of Visa interchange transaction data and for settlement of the value of those transactions between acquirers and issuers. This system is also used by centers to retrieve records from the Advice File and by Visa to settle various fees with members.

## **batch**

A set of transaction records, terminating with a batch trailer, sent through BASE II.

## **batch acknowledgment transaction**

A receipt confirmation generated at a VIC of each batch of outgoing transactions. These transactions are received in the center's incoming Interchange Transaction File.

## **batch reject**

See rejected batch.

## **batch trailer record**

A record designating the end of a batch of BASE II transactions. It contains count and monetary totals used to control the integrity of the batch's transaction data. See also merchant batch trailer record.

## **Bill Payment Service**

A service allowing a member to accept payment from a Visa cardholder whose account belongs to another member and to credit the issuer through BASE II. The issuer and the member receiving the payment must both be in the same country. Used in Canada and Brazil.

**billing currency**

The currency in which the issuer bills the cardholder for transactions.

**BIN**

See BASE Identification Number (BIN).

**BIN File**

The permanent file for a BIN Table, which is used to control the accuracy of Edit Package processing. The table contains all valid BINs and their BASE II processing status codes.

**card issuer processing center**

See issuer center.

**Card Recovery Bulletin (CRB)**

A paper listing, published and distributed by Visa, that contains Visa account numbers for which card pickup is required.

**card type**

A one-character alphabetic code that indicates the card type represented by an entry in the ARDEF Table; for example, P represents Visa Gold.

**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.

**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 chargebacks and re-presentments and the time needed to research valid chargebacks.

**chargeback reversal**

The cancellation of a chargeback sent in error to the acquirer center.

**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 transactions**

(1) An intraprocessor transaction submitted to BASE II for collection only (not settlement or delivery). Normal BASE II processing charges and interchange reimbursement fees do not apply to collection-only transactions.

**copy/original**

A copy of a transaction requested from the acquirer center by the issuer center.  
(Synonymous with original/photocopy.)

**CPD**

See central processing date (CPD).

**CPS**

See Custom Payment Service (CPS).

**CRB**

See Card Recovery Bulletin (CRB).

**credit voucher**

Sometimes referred to as credit return, it is the record of a return or price adjustment of a purchase.

**CRS**

See Chargeback Reduction Service (CRS).

**CTF**

See Center Transaction File (CTF).

**currency conversion rate**

This rate is applied by Visa International to certain transactions (original sales drafts, re-presentments, 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 chargebacks and facilitates transaction clearing and settlement by assigning a unique identifier that stays with the transaction throughout its life cycle.

**Data Capture Advice**

A batch transaction that delivers data for transactions captured at merchant locations to the acquirer center for subsequent submission to BASE II.

**Data Capture Service**

Merchants' use of electronic terminals at points of sale (POS) to capture sales transaction data. Members can receive reports on transactions that have occurred at each merchant location.

**DBA**

The "doing business as" name of the merchant. (The DBA name is required in all BASE II records that include merchant ID to ensure cardholder recognition.)

**descriptive billing**

A billing method in which the cardholder receives a statement containing a descriptive section of information identifying the card acceptor (merchant, bank branch or business location) and the nature of each charge or credit for each transaction posted to the account. Copies of the original paper are not returned to the cardholder.

**designated currency**

One of the currencies that may be chosen by a member for settlement and funds transfer.

**destination BIN**

The BIN to which a BASE II transaction message is sent.

**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, chargeback), it is the settlement currency of the destination.

**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.

**Early Delivery Service**

Option by which transaction data is delivered to the processing center before settlement is completed.

**EA Server**

See Visa Extended Access Server.

**Extended Access Server**

See Visa Extended Access Server.

**Edit Package**

The computer programs supplied by Visa International to processing centers to validate interchange data, produce the file containing all interchange data to be sent from the processing center to Visa, and process the file of incoming transactions received from Visa.

**Edit Package processing date**

The date used by the Edit Package during a specific run. This can be the computer's system date or a date specified on the RUNDAT run control option.

**electronic terminal**

A point-of-sale terminal, an automated teller machine, or a cash dispensing machine used at the point of transaction to generate electronic impulses that are captured in computer-readable form.

**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 an CTF or ITF. It contains the processing center ID, security code, and relevant control information.

**file trailer record**

A record designating the end of a CTF or ITF. It contains count and monetary totals used to control the integrity of file content. A CTF is terminated with one file trailer record regardless of the number of volumes used to contain the data; an ITF on tape is terminated with a file trailer record at the end of each volume, if multiple volumes are needed.

**file transfer**

Electronic transfer of an ITF between the PC Edit Package and the VAP.

**financial controls**

Those controls surrounding general ledger activities and procedures relating to bank card accounting.

**floor limit**

The maximum dollar amount for a transaction without having to obtain authorization.

**fraud advice transaction**

A BASE II transaction sent by a center to notify Visa of the possible fraudulent use of a card. Sent only with outgoing interchange transactions from the issuer center.

**freeform text message**

See text message.

**funds disbursement transaction**

A BASE II transaction used to transfer monetary credit from one BASE II entity to another or to reverse a fee collection transaction.

**History File**

The Edit Package file used to store the history of outgoing and incoming processing runs, and to control reruns and assign batch numbers for multiple daily runs.

**host computer(s)**

The computer system used at the processing center to process BASE II interchange or BASE I inquiries, or both, and other authorization-related messages.

**IAF**

See International Acquiring Fee

**ICC**

See Integrated Circuit Card.

**ICS**

See Issuers' Clearinghouse Service (ICS).

**ICS input/response transaction**

A BASE II transaction sent (input) or received (response) by a center participating in the Issuers' Clearinghouse Service.

**incoming interchange**

All BASE II transactions transmitted from a VIC to a processing center, or the entire process of receiving incoming interchange transaction data from a VIC.

**Integrated Circuit Card**

A plastic card embedded with a silicon chip that has greater storage capabilities than a magnetic stripe allowing for more robust functionality and multiple accounts to reside on one physical card.

**interchange processing**

The electronic movement of transaction data between acquirers and issuers.

**Interchange Reimbursement Fee (IRF)**

A fee paid by issuers and acquirers to each other for transactions entered into interchange (and their reversals) to balance the cost of doing business.

## **interchange transaction**

Any transaction where the member that signed the cardholder submits transactions through a different processing center than the member that signed the merchant.

## **Interchange Transaction File (ITF)**

The *outgoing* 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 *incoming* 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 (TC05) original and re-presentment, Cash Disbursement (TC07) original and re-presentment, TC05 & TC07 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 Outgoing Interchange (IOI) fee**

See International Acquiring Fees

## **international airline transactions**

International Airline Program transactions in which the issuer and merchant are not in the same country.

## **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.

**ITF**

See Interchange Transaction File (ITF).

**Julian date**

A date expressed as the day's position in a year rather than in a particular month. The format is YDDD or YYDDD.

**local airline transaction**

International Airline Program transactions in which the issuer and merchant are in the same country.

**media request**

See Request for Copy transaction.

**member settlement data transaction**

An incoming transaction used to transmit settlement report data in machine-readable format.

**merchant batch header record**

The header record in a data capture advice that carries merchant batch data.

**merchant batch trailer record**

The trailer record in a data capture advice that carries merchant batch data.

**Merchant Mailing File**

A file at the VIC containing the names, addresses, and other pertinent information for merchants who receive the Card Recovery Bulletin.

**Merchant Mailing File transaction**

The BASE II transaction used by processing centers to update the Merchant Master File. It is transmitted from acquirer centers to a VIC.

**Merchant Master File**

A computer record of information on all merchants serviced by a center. This file is maintained at the processing center.

**merchant processing center**

See acquirer center.

**multicurrency clearing**

The clearing of transactions where members enter financial transactions into BASE II in the currency as signed by the cardholder, and receive cleared transactions converted to the issuer's billing currency. This results in uniform conversion rates for all issuers for the processing day.

**National Net interchange**

Transactions that are exchanged between processing centers whose issuers and acquirers are located in the same country where settlement is accomplished through a central agent bank for each country using the service. BASE II clears the transactions and records transaction totals on National Net interchange reports.

**national settlement transaction**

A National Net transaction.

**national transaction**

A transaction in which the merchant, issuer, and acquirer are all in the same country.

**net settlement amount**

The currency amount representing the difference between a settlement entity's outgoing and incoming interchange for a given day plus or minus fees and charges. May be a debit or a credit.

**nonfinancial transaction**

A nonmonetary transaction that supports the bankcard business. For example, a request or confirmation of a photocopy, freeform message, BASE I Advice record, Merchant Mailing File update, data capture advice, and Issuers' Clearinghouse Service inquiry or response.

**on-us transactions**

Drafts, vouchers and other items where the member that signed the merchant also signed the cardholder, or where the member that signed the merchant and the member that issued the card have both designated the same processing center.

**optional issuer fee**

An optional additional currency fee that is requested by the issuer and collected as part of the billing amount, if desired by the issuer. This fee is not included in the settlement amount. It may be a debit or a credit.

**original transaction**

In the BASE II System, the first presentation of a purchase, credit, or cash advance submitted into interchange.

**original/photocopy**

See copy/original.

**outgoing interchange**

All BASE II transactions transmitted from a member's processing center to a VIC. Both acquirer and issuer centers send outgoing interchange.

**PCAS**

See Positive Cardholder Authorization Service (PCAS).

**Plus**

An automatic teller machine (ATM) network to which Visa members have access.

**Plus BIN File**

A file containing Plus BIN table update records that is created through incoming Edit Package processing for all members subscribing to the Plus ATM system. The Plus BIN Table contains BIN numbers of Plus card issuers.

**Positive Cardholder Authorization Service (PCAS)**

Risk control services available to issuers who use the VisaNet BASE I component for switching and authorization. PCAS determines how authorizations are routed and how authorization decisions are made.

**post-edit program**

Software written and maintained by a processing center to restructure an incoming Center Transaction File into a format acceptable for the local posting and billing process and to apply member-unique edit criteria against the transactions. This program is executed following the incoming Edit Package run.

**pre-edit program**

Software written and maintained by a processing center to separate on-us items from interchange items and to apply member-unique edit criteria against the transactions. This program also formats outgoing interchange into the outgoing Center Transaction File for processing by the Edit Package according to BASE II specifications. This program is executed before the outgoing Edit Package run.

**presentation**

See presentment.

**presentment**

Paper (or a transaction) submitted for the first time by an acquirer to an issuer and processed through VisaNet interchange.

## **processing center**

The entity, operated or designated by a clearing member of Visa, responsible for processing of interchange transactions. It executes the Edit Package and the pre- or post-edit programs, or both, and sends and receives interchange transactions to and from a VIC. A single processing center may function as an acquirer center, an issuer center, or both. It performs interchange transaction services for one member or a multiple number of members. Most BASE II processing centers are operated by Visa members; nonmember processing centers may be authorized to process Visa transactions.

## **processing date**

See central processing date (CPD) or Edit Package processing date.

## **proof and capture**

The process of determining that each deposit or group of deposits balances, and the process of recording standard information from each draft, voucher, and transaction in a form acceptable for editing and processing.

## **PSIRF**

See Payment Service Interchange Reimbursement Fee (PSIRF).

## **RCRF**

See Regional Card Recovery File (RCRF).

## **re-presentation**

See re-presentment.

## **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 a second time, following receipt of a chargeback.

**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.

**source currency**

The currency type associated with the amount of a transaction entered into interchange.

**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)

*For BASE I processing.* 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 requests STIP processing.

*For SMS processing.* 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).

## substitute draft or substitute transaction receipt

A computer-generated version of a sales draft, including items such as account number, merchant name and location, purchase date, transaction amount, authorization code, and a description of the goods and services.

## suspense

A series of general ledger accounts containing drafts and vouchers and other items that have been rejected by either the processing center's editing programs or the Edit Package.

## system log

A VAP disk file that contains messages recording significant events related to BASE II operations, including net settlement information and all operator actions and their acknowledgments. (All valid dial terminal inquiries and responses and the error messages generated by all VAP subsystems are also included.) When BASE II transmission to or from the VIC completes, the log can be archived to the center's host computer and center-designed reports may be generated.

## TCR

See Transaction Component Record (TCR).

## text message

An unformatted message exchanged between processing centers, or sent by Visa, through the BASE II System.

## third-party processor

See processing center.

## transaction

*BASE II transaction.* 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.

*Cardholder transaction.* The use of a card by a customer (normally assumed to be the cardholder) to purchase goods or services from a merchant or secure cash from an ATM or financial institution.

**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.

**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.

**VAP**

See VisaNet Access Point (VAP).

**VIC**

See VisaNet Interchange Center (VIC).

**VIC processing date**

See central processing date (CPD).

**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. The V.I.P. System is made up of the Single Message System (SMS) and BASE I System.

**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.

**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.

**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.



## A

### Account Number

- TC 50
  - TCR 0 — Commercial Card – Car Rental (Additional Data Elements), 50-48
  - TCR 0 — Commercial Card – General Use (Additional Data Elements), 50-40
  - TCR 0 — Commercial Card – Generic Data, 50-23
  - TCR 0 — Commercial Card – Lodging (Additional Data Elements), 50-44
  - TCR 0 — Commercial Card – Passenger Itinerary Data, 50-7
  - TCR 0 — Commercial Card – Purchasing Transaction (Additional Data Elements), 50-36
- TC 52
  - TCR 0, 52-5
- TC 57
  - TCR 0 — Transaction Detail, 57-25
  - TCR 1 — Cardholder Transaction Detail (Korea), 57-119
- TC 59
  - TCR 0 — Non-Visa Transaction Detail, 59-5

### Account Number Extension

- TC 50
  - TCR 0 — Commercial Card – Car Rental (Additional Data Elements), 50-48
  - TCR 0 — Commercial Card – General Use (Additional Data Elements), 50-40
  - TCR 0 — Commercial Card – Generic Data, 50-24
  - TCR 0 — Commercial Card – Lodging (Additional Data Elements), 50-44
  - TCR 0 — Commercial Card – Passenger Itinerary Data, 50-8
  - TCR 0 — Commercial Card – Purchasing Transaction (Additional Data Elements), 50-36
- TC 52
  - TCR 0, 52-5
- TC 57
  - TCR 1 — Cardholder Transaction Detail (Korea), 57-119

### Account Selection

- TC 52
  - TCR 0, 52-8

### Acquirer Bank ID

- TC 59
  - TCR 0 — Non-Visa Transaction Detail, 59-5

### Acquirer BIN

- TC 50
  - TCR 0 — Merchant Registration – Incoming, 50-73
  - TCR 0 — Merchant Registration – Outgoing, 50-77

### Acquirer Reference Number (ARN)

- TC 52
  - TCR 0, 52-5

### Acquirer Severance Date

- TC 50
  - TCR 1 — Merchant Registration, Additional Data, 50-81

### Acquirer's Business ID

- TC 52
  - TCR 0, 52-6

### Action Code

- TC 56
  - TCR 0, 56-5, 56-7 to 56-10
  - TCR 1, 56-13 to 56-16, 56-18 to 56-19

### Adjusted Amount

- TC 57
  - TCR 4 — MasterCard Transaction—Car Rental Data, 57-101

### Adjusted Amount Indicator

- TC 57
  - TCR 4 — MasterCard Transaction—Car Rental Data, 57-101

### Agent

- TC 57
  - TCR 0 — Batch Header, 57-7
- TC 59
  - TCR 1 — American Express (Format Codes 02, 03, 05, 10, 11, 12), 59-15
  - TCR 1 — Non-Visa Transaction Detail, Additional Data, 59-11

### Approval Code

- TC 57

TCR 0 — American Express Transaction  
Detail, Automobile Rental (Format Code  
05), 57-39

TCR 0 — American Express Transaction  
Detail, Lodging (Format Code 11),  
57-43

TCR 1 — American Express Transaction  
Detail, Automobile Leasing (Format  
Code 07), 57-59

TCR 1 — American Express Transaction  
Detail, Insurance Part 1 (Format Code  
04), 57-51

TCR 1 — American Express Transaction  
Detail, Restaurant (Format Code 12),  
57-47

TCR 1 — American Express Transaction  
Detail, Telephone Part 1 (Format Code  
13), 57-67

TC 59

TCR 1 — American Express (Format Codes  
02, 03, 05, 10, 11, 12), 59-15

## Arrival Date

TC 57

TCR 0 — American Express Transaction  
Detail, Lodging (Format Code 11),  
57-44

TCR 4 — MasterCard Transaction—Lodging  
Data, 57-95

TC 59

TCR 2 — American Express Transaction  
Detail, Lodging (Format Code 11),  
59-29

## Arrival Time

TC 50

TCR 0 — Commercial Card  
– Passenger Itinerary Data – Leg-Specific,  
50-13 to 50-14

## Audit Adjustment

TC 57

TCR 0 — American Express Transaction  
Detail, Automobile Rental (Format Code  
05), 57-39

TC 59

TCR 2 — American Express Transaction  
Detail, Automobile Rental (Format Code  
05), 59-25

## Audit Adjustment Indicator

TC 57

TCR 0 — American Express Transaction  
Detail, Automobile Rental (Format Code  
05), 57-40

TC 59

TCR 2 — American Express Transaction  
Detail, Automobile Rental (Format Code  
05), 59-25

## Audit Indicator

TC 57

TCR 1 — American Express Transaction  
Detail, Automobile Leasing (Format  
Code 07), 57-60

TC 59

TCR 2 — American Express Transaction  
Detail, Automobile Leasing (Format  
Code 07, reserved for future use),  
59-43

## Authorization Amount

TC 57

TCR 5 — MasterCard Compliance Data,  
57-107

## Authorization Characteristics Indicator

TC 57

TCR 0 — Transaction Detail, 57-28

## Authorization Code

TC 57

TCR 0 — Transaction Detail, 57-26

TC 59

TCR 0 — Non-Visa Transaction Detail, 59-7

## Authorization Response Code

TC 57

TCR 3 — Transaction Detail, Payment  
Service Data, 57-75

## Authorization Source

TC 59

TCR 1 — American Express (Format Codes  
02, 03, 05, 10, 11, 12), 59-16

TCR 1 — Non-Visa Transaction Detail,  
Additional Data, 59-12

## Authorization Source Code

TC 57

TCR 0 — Cardholder Transaction Detail  
(Korea), 57-116

TCR 0 — Transaction Detail, 57-26

## Authorized Amount

TC 57

TCR 3 — Transaction Detail, Payment  
Service Data, 57-75

## Auto Reference Number

- TC 57
  - TCR 0 — American Express Transaction Detail, Automobile Rental (Format Code 05), 57-40
  - TCR 1 — American Express Transaction Detail, Automobile Leasing (Format Code 07), 57-60
- TC 59
  - TCR 2 — American Express Transaction Detail, Automobile Leasing (Format Code 07, reserved for future use), 59-43
  - TCR 2 — American Express Transaction Detail, Automobile Rental (Format Code 05), 59-25

## Auto Towing

- TC 50
  - TCR 0 — Commercial Card – Car Rental, 50-31

## AVS Response Code

- TC 57
  - TCR 0 — Transaction Detail, 57-28

## B

### Banknet Settlement Date

- TC 57
  - TCR 5 — MasterCard Compliance Data, 57-107

### Banknet Settlement Number

- TC 57
  - TCR 5 — MasterCard Compliance Data, 57-107

### Bar Amount

- TC 57
  - TCR 4 — MasterCard Transaction—Lodging Data, 57-96

### Base Currency Code

- TC 56
  - TCR 0, 56-6 to 56-8, 56-10 to 56-11
  - TCR 1, 56-13 to 56-14, 56-16 to 56-19

### BASE II Customized Delivery File Type

- TC 90
  - TCR 0 — Incoming ITF, 90-22
  - TCR 0 — Outgoing ITF, 90-16

### BASE II Customized Delivery File Type

- (continued)
- TC 90

- TCR 0 — Incoming ITF, 90-23

### BASE II File Type

- TC 90
  - TCR 0 — Incoming ITF, 90-21
  - TCR 0 — Outgoing ITF, 90-15

### BASE II Unique File ID

- TC 90
  - TCR 0 — Incoming ITF, 90-21
  - TCR 0 — Outgoing ITF, 90-15

### Batch Creation Time

- TC 57
  - TCR 0 — Batch Header (Korea), 57-12

### Batch Gross Amount

- TC 57
  - TCR 0 — Batch Trailer, 57-128

### Batch Net Amount

- TC 57
  - TCR 0 — Batch Trailer, 57-128

### Batch Net Amount Sign

- TC 57
  - TCR 0 — Batch Trailer, 57-128

### Batch Number

- TC 91, 92
  - TCR 0 — CTF, 91-6
  - TCR 0 — ITF, 91-10

### Batch Record (TCR) Count

- TC 57
  - TCR 0 — Batch Trailer, 57-128

### Batch Transaction Amount Sum Total

- TC 57
  - TCR 0 — Batch Trailer (Korea), 57-133

### Batch Transaction Count

- TC 57
  - TCR 0 — Batch Trailer, 57-128
  - TCR 0 — Batch Trailer (Korea), 57-133

### Batch Transmit Time

- TC 57
  - TCR 0 — Batch Header, 57-8

### Beverage Amount

- TC 57
  - TCR 1 — American Express Transaction Detail, Restaurant (Format Code 12), 57-48

- TC 59

- TCR 2 — American Express Transaction Detail, Restaurant (Format Code 12), 59-34

### Beverage ID

TC 57  
TCR 1 — American Express Transaction  
Detail, Restaurant (Format Code 12),  
57-48

TC 59  
TCR 2 — American Express Transaction  
Detail, Restaurant (Format Code 12),  
59-33

## Billing Adjustment Amount

TC 57  
TCR 4 — MasterCard Transaction—Lodging  
Data, 57-97

## Billing Adjustment Indicator

TC 57  
TCR 4 — MasterCard Transaction—Lodging  
Data, 57-97

## BIN

TC 52  
TCR 0, 52-6  
TC 91, 92  
TCR 0 — CTF, 91-5  
TCR 0 — ITF, 91-9

## Business Center Charges

TC 50  
TCR 0 — Commercial Card – Lodging,  
50-28

## Business Format Code

TC 57  
TCR 4 — Industry-Specific Data—Car  
Rental, 57-91  
TCR 4 — Industry-Specific Data—Lodging,  
57-87  
TCR 4 — Industry-Specific  
Data—Passenger Itinerary Data,  
57-81  
TCR 4 — MasterCard Transaction—Lodging  
Data, 57-95

## Business Format Code (05)

TC 57  
TCR 4 — MasterCard Transaction—Car  
Rental Data, 57-99

## Business Legal Name

TC 50  
TCR 1 — Merchant Registration, Additional  
Data, 50-82

## Buy Scale Factor and Rate

TC 56  
TCR 0, 56-6 to 56-7, 56-9 to 56-11

TCR 1, 56-14 to 56-19

## C

### Call From City

TC 57  
TCR 1 — American Express Transaction  
Detail, Telephone Part 1 (Format Code  
13), 57-68

TC 59  
TCR 2 — American Express Transaction  
Detail, Telephone (Format Code 13,  
reserved for future use), 59-48

### Call From State

TC 57  
TCR 1 — American Express Transaction  
Detail, Telephone Part 1 (Format Code  
13), 57-68

TC 59  
TCR 2 — American Express Transaction  
Detail, Telephone (Format Code 13,  
reserved for future use), 59-48

### Call To City

TC 57  
TCR 1 — American Express Transaction  
Detail, Telephone Part 1 (Format Code  
13), 57-68

TC 59  
TCR 2 — American Express Transaction  
Detail, Telephone (Format Code 13,  
reserved for future use), 59-48

### Call To State

TC 57  
TCR 1 — American Express Transaction  
Detail, Telephone Part 1 (Format Code  
13), 57-68

TC 59  
TCR 2 — American Express Transaction  
Detail, Telephone (Format Code 13,  
reserved for future use), 59-48

### Capture Date

TC 59  
TCR 0 — Non-Visa Transaction Detail, 59-5

### Car Description

TC 57  
TCR 2 — American Express Transaction  
Detail, Automobile Leasing (Optional)  
(Format Code 07), 57-63

TC 59

TCR 2 — American Express Transaction Detail, Automobile Leasing (Format Code 07, reserved for future use), 59-45

## Car ID Number

TC 57  
TCR 2 — American Express Transaction Detail, Automobile Leasing (Optional) (Format Code 07), 57-63

TC 59  
TCR 2 — American Express Transaction Detail, Automobile Leasing (Format Code 07, reserved for future use), 59-45

## Car Rental Check-Out Date

TC 57  
TCR 4 — Industry-Specific Data—Car Rental, 57-92

## Car Rental Extra Charges

TC 57  
TCR 4 — Industry-Specific Data—Car Rental, 57-92

## Car Rental No Show Indicator

TC 57  
TCR 4 — Industry-Specific Data—Car Rental, 57-91

## Card Acceptor ID

TC 50  
TCR 0 — Merchant Registration – Incoming, 50-74

## Card Entry Method

TC 57  
TCR 0 — Transaction Detail, 57-26

## Card Type

TC 57  
TCR 0 — Cardholder Transaction Detail (Korea), 57-115  
TCR 0 — Transaction Detail, 57-25

## Cardholder Deferred Days

TC 57  
TCR 1 — Cardholder Transaction Detail (Korea), 57-121

## Cardholder ID Method

TC 57  
TCR 0 — Cardholder Transaction Detail (Korea), 57-116  
TCR 0 — Transaction Detail, 57-26  
TC 59

TCR 1 — American Express (Format Codes 02, 03, 05, 10, 11, 12), 59-17

TCR 1 — Non-Visa Transaction Detail, Additional Data, 59-13

## Cardholder Payment Start Date

TC 57  
TCR 1 — Cardholder Transaction Detail (Korea), 57-121

## Cardholder Settlement Date

TC 57  
TCR 1 — Cardholder Transaction Detail (Korea), 57-121

## Carrier Code

TC 50  
TCR 0 — Commercial Card – Passenger Itinerary Data – Leg-Specific, 50-12 to 50-13  
TC 57  
TCR 4 — Industry-Specific Data—Passenger Itinerary Data, 57-82 to 57-83

## Center Batch ID

TC 91, 92  
TCR 0 — CTF, 91-6  
TCR 0 — ITF, 91-10

## Central Processing Date

TC 52  
TCR 0, 52-8  
TC 57  
TCR 0 — Batch Header, 57-7  
TCR 0 — Batch Header (Korea), 57-11  
TCR 0 — Batch Trailer, 57-128  
TCR 0 — Transaction Detail, 57-25  
TC 59  
TCR 0 — Non-Visa Transaction Detail, 59-8

## Chain

TC 57  
TCR 0 — Batch Header, 57-7  
TC 59  
TCR 1 — American Express (Format Codes 02, 03, 05, 10, 11, 12), 59-15  
TCR 1 — Non-Visa Transaction Detail, Additional Data, 59-11

## Chain Affiliated Property (CAP) Number

TC 57  
TCR 2 — American Express Batch Header, 57-20  
TC 59

TCR 1 — American Express (Format Codes 02, 03, 05, 10, 11, 12), 59-18

## Charge Description

TC 57

TCR 0 — American Express Transaction Detail, General Merchandise (Format Code 02, 03, 10, or 20), 57-31

TCR 0 — American Express Transaction Detail, Lodging (Format Code 11), 57-43

TCR 1 — American Express Transaction Detail, Restaurant (Format Code 12), 57-47

TC 59

TCR 1 — American Express (Format Codes 02, 03, 05, 10, 11, 12), 59-18

## Charge Type

TC 57

TCR 0 — American Express Transaction Detail, Lodging (Format Code 11), 57-44

TC 59

TCR 2 — American Express Transaction Detail, Lodging (Format Code 11), 59-29

## Check Digit

TC 52

TCR 0, 52-6

## City Motor Fuel Tax

TC 50

TCR 0 — Commercial Card – Fleet Service, 50-19

## City Motor Fuel Tax Exemption Status

TC 50

TCR 0 — Commercial Card – Fleet Service, 50-19

## City Sales Fuel Tax

TC 50

TCR 0 — Commercial Card – Fleet Service, 50-19

## City Sales Fuel Tax Exemption Status

TC 50

TCR 0 — Commercial Card – Fleet Service, 50-19

## Conjunction Ticket Number

TC 50

TCR 0 — Commercial Card

– Passenger Itinerary Data – Leg-Specific, 50-11

## Contact for Information

TC 52

TCR 4, 52-15

## Continuation Tape Indicator

TC 90

TCR 0 — Incoming ITF, 90-19

TCR 0 — Outgoing ITF, 90-13

## Control ID

TC 50

TCR 0 — Commercial Card

– Passenger Itinerary Data – Leg-Specific, 50-14

## Corporate ID

TC 50

TCR 0 — Commercial Card – Car Rental, 50-32

## Cost 1

TC 57

TCR 2 — American Express Transaction Detail, Telephone Part 2 (Format Code 13), 57-71

TC 59

TCR 2 — American Express Transaction Detail, Telephone (Format Code 13, reserved for future use), 59-48

## Cost 2

TC 57

TCR 2 — American Express Transaction Detail, Telephone Part 2 (Format Code 13), 57-72

TC 59

TCR 2 — American Express Transaction Detail, Telephone (Format Code 13, reserved for future use), 59-49

## Count, Cash Disbursements

TC 58

TCR 0, 58-6

## Count, Credit Vouchers

TC 58

TCR 0, 58-5

## Count, Fee Collections

TC 58

TCR 0, 58-6

## Count, Funds Disbursements

TC 58

TCR 0, 58-6

**Count, Sales Drafts**

TC 58

TCR 0, 58-5

**Counter Currency Code**

TC 56

TCR 0, 56-5, 56-7 to 56-9, 56-11

TCR 1, 56-13 to 56-15, 56-17 to 56-19

**County Fuel Sales Tax**

TC 50

TCR 0 — Commercial Card – Fleet Service, 50-18

**County Fuel Sales Tax Exemption Status**

TC 50

TCR 0 — Commercial Card – Fleet Service, 50-18

**County Motor Fuel Tax**

TC 50

TCR 0 — Commercial Card – Fleet Service, 50-19

**County Motor Fuel Tax Exemption Status**

TC 50

TCR 0 — Commercial Card – Fleet Service, 50-19

**Coupon Number**

TC 50

TCR 0 — Commercial Card – Passenger Itinerary Data – Leg-Specific, 50-12 to 50-13

**Coverage Dates**

TC 57

TCR 1 — American Express Transaction Detail, Insurance Part 1 (Format Code 04), 57-52

TC 59

TCR 2 — American Express Transaction Detail, Insurance Part 1 (Format Codes 04, reserved for future use), 59-37

**CRS Processing Code**

TC 52

TCR 1, 52-13

**Currency Code**

TC 50

TCR 0 — Commercial Card – Passenger Itinerary Data, 50-8

TC 57

TCR 1 — Cardholder Transaction Detail (Korea), 57-119

**Current Monthly Payment Number**

TC 57

TCR 1 — American Express Transaction Detail, Automobile Leasing (Format Code 07), 57-60

TC 59

TCR 2 — American Express Transaction Detail, Automobile Leasing (Format Code 07, reserved for future use), 59-44

**Customer Service Number**

TC 57

TCR 4 — MasterCard Transaction—Car Rental Data, 57-100

**Customer Service Phone Number**

TC 57

TCR 4 — MasterCard Transaction—Lodging Data, 57-96

## D

**Daily Rate**

TC 57

TCR 4 — MasterCard Transaction—Car Rental Data, 57-100

**Data Capture Audit Key**

TC 59

TCR 1 — American Express (Format Codes 02, 03, 05, 10, 11, 12), 59-15

TCR 1 — Non-Visa Transaction Detail, Additional Data, 59-11

**Data Capture Processing Date**

TC 57

TCR 0 — Batch Header, 57-7

TCR 0 — Batch Header (Korea), 57-12

**Date**

TC 52

TCR 0, 52-6

**Debit Indicator**

TC 57

TCR 0 — Transaction Detail, 57-27

**Debit Product Code**

TC 52

TCR 4, 52-15

**Debit Trace Audit Number**

TC 57

TCR 0 — Transaction Detail, 57-27

**Debit Transmit Date**

TC 57

TCR 0 — Transaction Detail, 57-27

## Debit Transmit Time

TC 57

TCR 0 — Transaction Detail, 57-27

## Delivery Code

TC 90

TCR 0 — Incoming ITF, 90-21

TCR 0 — Outgoing ITF, 90-15

## Departure Date

TC 50

TCR 0 — Commercial Card

– Passenger Itinerary Data – Leg-Specific,  
50-12, 50-14

TC 57

TCR 0 — American Express Transaction  
Detail, Lodging (Format Code 11),  
57-44

TCR 4 — Industry-Specific  
Data—Passenger Itinerary Data,  
57-81

TCR 4 — MasterCard Transaction—Lodging  
Data, 57-95

TC 59

TCR 2 — American Express Transaction  
Detail, Lodging (Format Code 11),  
59-30

## Departure Time

TC 50

TCR 0 — Commercial Card

– Passenger Itinerary Data – Leg-Specific,  
50-13 to 50-14

## Destination Amount

TC 91, 92

TCR 0 — CTF, 91-6

TCR 0 — ITF, 91-10

## Destination BIN

TC 50

TCR 0, 50-5

TCR 0 — Commercial Card – Car Rental,  
50-31

TCR 0 — Commercial Card – Car Rental –  
Line Item Detail (Item Data Elements),  
50-63

TCR 0 — Commercial Card – Car Rental  
(Additional Data Elements), 50-47

TCR 0 — Commercial Card – Fleet Service,  
50-17

TCR 0 — Commercial Card – General Use –  
Line Item Detail (Item Data Elements),  
50-51

TCR 0 — Commercial Card – General Use  
(Additional Data Elements), 50-39

TCR 0 — Commercial Card – Generic Data,  
50-23

TCR 0 — Commercial Card – Lodging,  
50-27

TCR 0 — Commercial Card – Lodging  
(Additional Data Elements), 50-43

TCR 0 — Commercial Card – Open Format  
– Text Message, 50-67

TCR 0 — Commercial Card – Passenger  
Itinerary Data, 50-7

TCR 0 — Commercial Card  
– Passenger Itinerary Data – Leg-Specific,  
50-11

TCR 0 — Commercial Card – Purchasing  
Transaction – Line Item Detail (Item  
Data Elements), 50-55

TCR 0 — Commercial Card – Purchasing  
Transaction (Additional Data Elements),  
50-35

TCR 0 — Commercial Card - Lodging -  
Line Item Detail (Item Data Elements),  
50-59

TCR 0 — Merchant Registration – Incoming,  
50-73

TCR 0 — Merchant Registration – Outgoing,  
50-77

TCR 0 — Stop Recurring Payment, 50-85

TC 54

TCR 0, 54-5

TC 55

TCR 0, 55-5

TC 56

TCR 0, 56-5

TC 57

TCR 0 — Batch Header, 57-6

TCR 0 — Batch Header (Korea), 57-11

TCR 0 — Batch Trailer, 57-127

TCR 0 — Batch Trailer (Korea), 57-131

TCR 0 — Cardholder Transaction Detail  
(Korea), 57-115

TCR 0 — Japan Acquirer Services, 57-111

TCR 0 — Transaction Detail, 57-24



TCR 1 — Cardholder Transaction Detail  
(Korea), 57-119

TCR 2 — Transaction Additional Detail  
(Korea), 57-123

TC 58

TCR 0, 58-5

TC 59

TCR 0 — Non-Visa Transaction Detail, 59-5

## Destination City/Airport Code

TC 50

TCR 0 — Commercial Card  
— Passenger Itinerary Data – Leg-Specific,  
50-12 to 50-13

TC 57

TCR 4 — Industry-Specific  
Data—Passenger Itinerary Data,  
57-82 to 57-84

## Destination Country Code

TC 50

TCR 0 — Commercial Card – Car Rental  
(Additional Data Elements), 50-48

TCR 0 — Commercial Card – General Use  
(Additional Data Elements), 50-40

TCR 0 — Commercial Card – Lodging  
(Additional Data Elements), 50-44

TCR 0 — Commercial Card – Purchasing  
Transaction (Additional Data Elements),  
50-36

## Destination Name

TC 90

TCR 0 — Incoming ITF, 90-24

TCR 0 — Outgoing ITF, 90-16

## Destination Postal/ZIP Code

TC 50

TCR 0 — Commercial Card – Car Rental  
(Additional Data Elements), 50-48

TCR 0 — Commercial Card – General Use  
(Additional Data Elements), 50-40

TCR 0 — Commercial Card – Lodging  
(Additional Data Elements), 50-44

TCR 0 — Commercial Card – Purchasing  
Transaction (Additional Data Elements),  
50-36

## Device Code

TC 57

TCR 1 — Batch Header, 57-15

## Discount Amount

TC 50

TCR 0 — Commercial Card – Car Rental  
(Additional Data Elements), 50-48

TCR 0 — Commercial Card – General Use  
(Additional Data Elements), 50-40

TCR 0 — Commercial Card – Lodging  
(Additional Data Elements), 50-44

TCR 0 — Commercial Card – Purchasing  
Transaction (Additional Data Elements),  
50-35

## Discount Per Line

TC 50

TCR 0 — Commercial Card – Car Rental –  
Line Item Detail (Item Data Elements),  
50-64

TCR 0 — Commercial Card – General Use –  
Line Item Detail (Item Data Elements),  
50-52

TCR 0 — Commercial Card - Lodging -  
Line Item Detail (Item Data Elements),  
50-60

## Discount per Line Item

TC 50

TCR 0 — Commercial Card – Purchasing  
Transaction – Line Item Detail (Item  
Data Elements), 50-56

## Discover Merchant ID

TC 57

TCR 0 — Batch Header, 57-8

TC 59

TCR 0 — Non-Visa Transaction Detail, 59-8

## Draft Flag

TC 57

TCR 0 — Batch Header, 57-6

TCR 0 — Batch Trailer, 57-127

## Draft Sent Flag

TC 57

TCR 0 — Transaction Detail, 57-25

## Duration of Call

TC 57

TCR 1 — American Express Transaction  
Detail, Telephone Part 1 (Format Code  
13), 57-68

TC 59

TCR 2 — American Express Transaction  
Detail, Telephone (Format Code 13,  
reserved for future use), 59-47

## Duration of Stay

TC 57

TCR 0 — American Express Transaction  
Detail, Lodging (Format Code 11),  
57-44

TC 59

TCR 2 — American Express Transaction  
Detail, Lodging (Format Code 11),  
59-30

## Duty Amount

TC 50

TCR 0 — Commercial Card – Car Rental  
(Additional Data Elements), 50-48

TCR 0 — Commercial Card – General Use  
(Additional Data Elements), 50-40

TCR 0 — Commercial Card – Lodging  
(Additional Data Elements), 50-44

TCR 0 — Commercial Card – Purchasing  
Transaction (Additional Data Elements),  
50-36

## E

### Effective Date

TC 56

TCR 0, 56-6 to 56-8, 56-10 to 56-11

TCR 1, 56-13, 56-15 to 56-19

### Eighth Currency Entry

TC 56

TCR 1, 56-15

### Electronic Terminal Indicator

TC 59

TCR 0 — Non-Visa Transaction Detail, 59-7

### Electronic Ticket Indicator

TC 50

TCR 0 — Commercial Card – Passenger  
Itinerary Data, 50-9

### Eleventh Currency Entry

TC 56

TCR 1, 56-19

### Error Code 1

TC 50

TCR 0 — Merchant Registration – Incoming,  
50-74

### Error Code 2

TC 50

TCR 0 — Merchant Registration – Incoming,  
50-75

### Error Code 3

TC 50

TCR 0 — Merchant Registration – Incoming,  
50-75

### Error Code 4

TC 50

TCR 0 — Merchant Registration – Incoming,  
50-75

### Error Code 5

TC 50

TCR 0 — Merchant Registration – Incoming,  
50-75

### Error Code 6

TC 50

TCR 0 — Merchant Registration – Incoming,  
50-75

### Error Code 7

TC 50

TCR 0 — Merchant Registration – Incoming,  
50-75

### Error Code 8

TC 50

TCR 0 — Merchant Registration – Incoming,  
50-75

### Error Code 9

TC 50

TCR 0 — Merchant Registration – Incoming,  
50-75

### Established Fulfillment Method

TC 52

TCR 1, 52-12

### Exchange Ticket Amount

TC 50

TCR 0 — Commercial Card – Passenger  
Itinerary Data, 50-8

### Exchange Ticket Number

TC 50

TCR 0 — Commercial Card – Passenger  
Itinerary Data, 50-8

### Excluded Transaction Identifier Reason

TC 52

TCR 1, 52-13

### Expiration Date

TC 57

TCR 0 — American Express Transaction  
Detail, Automobile Rental (Format Code  
05), 57-39

TCR 0 — American Express Transaction  
Detail, General Merchandise (Format  
Code 02, 03, 10, or 20), 57-31

TCR 0 — American Express Transaction Detail, Lodging (Format Code 11), 57-43

TCR 1 — American Express Transaction Detail, Automobile Leasing (Format Code 07), 57-59

TCR 1 — American Express Transaction Detail, Insurance Part 1 (Format Code 04), 57-51

TCR 1 — American Express Transaction Detail, Restaurant (Format Code 12), 57-47

TCR 1 — American Express Transaction Detail, Telephone Part 1 (Format Code 13), 57-67

TCR 1 — Cardholder Transaction Detail (Korea), 57-120

TC 59

TCR 1 — American Express (Format Codes 02, 03, 05, 10, 11, 12), 59-18

## Extra-Mileage Charges

TC 50

TCR 0 — Commercial Card – Car Rental, 50-32

## F

### Fare Basis Code

TC 50

TCR 0 — Commercial Card – Passenger Itinerary Data – Leg-Specific, 50-12, 50-14

### Fax Number

TC 52

TCR 1, 52-11

### Federal Excise Tax (Fuel)

TC 50

TCR 0 — Commercial Card – Fleet Service, 50-18

### Federal Excise Tax (Fuel) Exemption Status

TC 50

TCR 0 — Commercial Card – Fleet Service, 50-18

### Federal Excise Tax (Non-Fuel)

TC 50

TCR 0 — Commercial Card – Fleet Service, 50-18

### Federal Excise Tax (Non-Fuel) Exemption Status

TC 50

TCR 0 — Commercial Card – Fleet Service, 50-17

### Federal Sales Tax

TC 50

TCR 1 — Commercial Card – Fleet Service, 50-21

### Federal Sales Tax Exemption Status

TC 50

TCR 1 — Commercial Card – Fleet Service, 50-21

### Fifth Currency Entry

TC 56

TCR 0, 56-10

### File Continuation Count

TC 91, 92

TCR 0 — ITF, 91-10

### File Image

TC 54

TCR 0, 54-6

### File Replacement Data

TC 54

TCR 0, 54-6

### File Sequence Number

TC 57

TCR 2 — American Express Batch Header, 57-20

### File Updated

TC 54

TCR 0, 54-6

### Film Locator

TC 52

TCR 0, 52-6

TC 57

TCR 0 — Transaction Detail, 57-26

TC 59

TCR 0 — Non-Visa Transaction Detail, 59-6

### First Currency Entry

TC 56

TCR 0, 56-5

### Flight Number

TC 50

TCR 0 — Commercial Card – Passenger Itinerary Data – Leg-Specific, 50-12 to 50-13

### Folio Number

TC 57

TCR 4 — MasterCard Transaction—Lodging  
Data, 57-95

## Food Amount

TC 57

TCR 1 — American Express Transaction  
Detail, Restaurant (Format Code 12),  
57-48

TC 59

TCR 2 — American Express Transaction  
Detail, Restaurant (Format Code 12),  
59-33

## Food ID

TC 57

TCR 1 — American Express Transaction  
Detail, Restaurant (Format Code 12),  
57-48

TC 59

TCR 2 — American Express Transaction  
Detail, Restaurant (Format Code 12),  
59-33

## Format Code

TC 52

TCR 0, 52-5

TC 57

TCR 0 — American Express Transaction  
Detail, Automobile Rental (Format Code  
05), 57-39

TCR 0 — American Express Transaction  
Detail, General Merchandise (Format  
Code 02, 03, 10, or 20), 57-31

TCR 0 — American Express Transaction  
Detail, Lodging (Format Code 11),  
57-43

TCR 1 — American Express Transaction  
Detail, Automobile Leasing (Format  
Code 07), 57-59

TCR 1 — American Express Transaction  
Detail, Insurance Part 1 (Format Code  
04), 57-51

TCR 1 — American Express Transaction  
Detail, Restaurant (Format Code 12),  
57-47

TCR 1 — American Express Transaction  
Detail, Telephone Part 1 (Format Code  
13), 57-67

TCR 2 — American Express Batch Header,  
57-19

TCR 2 — American Express Transaction  
Detail, Automobile Leasing (Optional)  
(Format Code 07), 57-63

TCR 2 — American Express Transaction  
Detail, General Merchandise (Format  
Code 02, 03, 10, or 20), 57-35

TCR 2 — American Express Transaction  
Detail, Insurance Part 2 (Format Code  
04), 57-55

TCR 2 — American Express Transaction  
Detail, Telephone Part 2 (Format Code  
13), 57-71

TC 59

TCR 1 — American Express (Format Codes  
02, 03, 05, 10, 11, 12), 59-17

TCR 2 — American Express Transaction  
Detail, Automobile Leasing (Format  
Code 07, reserved for future use),  
59-43

TCR 2 — American Express Transaction  
Detail, Automobile Rental (Format Code  
05), 59-25

TCR 2 — American Express Transaction  
Detail, General Merchandise (Format  
Codes 02, 03, and 10), 59-21

TCR 2 — American Express Transaction  
Detail, Insurance Part 1 (Format Codes  
04, reserved for future use), 59-37

TCR 2 — American Express Transaction  
Detail, Insurance Part 2 (Format Code  
04, reserved for future use), 59-41

TCR 2 — American Express Transaction  
Detail, Lodging (Format Code 11),  
59-29

TCR 2 — American Express Transaction  
Detail, Restaurant (Format Code 12),  
59-33

TCR 2 — American Express Transaction  
Detail, Telephone (Format Code 13,  
reserved for future use), 59-47

## Fourth Currency Entry

TC 56

TCR 0, 56-9

## Freight/Shipping Amount

TC 50

TCR 0 — Commercial Card – Car Rental  
(Additional Data Elements), 50-48

TCR 0 — Commercial Card – General Use  
(Additional Data Elements), 50-40  
TCR 0 — Commercial Card – Lodging  
(Additional Data Elements), 50-44  
TCR 0 — Commercial Card – Purchasing  
Transaction (Additional Data Elements),  
50-36

## From Telephone Number

TC 57  
TCR 1 — American Express Transaction  
Detail, Telephone Part 1 (Format Code  
13), 57-68  
TC 59  
TCR 2 — American Express Transaction  
Detail, Telephone (Format Code 13,  
reserved for future use), 59-48

## G

### Gift Amount

TC 57  
TCR 4 — MasterCard Transaction—Lodging  
Data, 57-96

### Gift Shop Purchases

TC 50  
TCR 0 — Commercial Card – Lodging,  
50-28

### GMT Offset

TC 57  
TCR 0 — Batch Header, 57-8

### Group Data Indicator

TC 90  
TCR 0 — Incoming ITF, 90-20  
TCR 0 — Outgoing ITF, 90-13

## H

### Health Club Charges

TC 50  
TCR 0 — Commercial Card – Lodging,  
50-28

## I

### Incoming File ID

TC 90  
TCR 0 — Incoming CTF, 90-10

### Incorporation Status Code

TC 50

TCR 1 — Merchant Registration, Additional  
Data, 50-82

### Installment Payment Reversal Transaction Amount Sum Total

TC 57  
TCR 0 — Batch Trailer (Korea), 57-132

### Installment Payment Reversal Transaction Count

TC 57  
TCR 0 — Batch Trailer (Korea), 57-132

### Installment Payment Transaction Amount Sum Total

TC 57  
TCR 0 — Batch Trailer (Korea), 57-132

### Installment Payment Transaction Count

TC 57  
TCR 0 — Batch Trailer (Korea), 57-132

### Insurance Charges

TC 57  
TCR 4 — MasterCard Transaction—Car  
Rental Data, 57-100

### Insurance Indicator

TC 57  
TCR 4 — MasterCard Transaction—Car  
Rental Data, 57-100

### Interface Trace Number

TC 52  
TCR 1, 52-11

### Internal Merchant Batch Key

TC 57  
TCR 0 — American Express Transaction  
Detail, Automobile Rental (Format Code  
05), 57-41  
TCR 0 — American Express Transaction  
Detail, General Merchandise (Format  
Code 02, 03, 10, or 20), 57-33  
TCR 0 — American Express Transaction  
Detail, Lodging (Format Code 11),  
57-45  
TCR 0 — Batch Header, 57-8  
TCR 0 — Batch Trailer, 57-129  
TCR 0 — Transaction Detail, 57-28  
TCR 1 — American Express Transaction  
Detail, Automobile Leasing (Format  
Code 07), 57-61  
TCR 1 — American Express Transaction  
Detail, Insurance Part 1 (Format Code  
04), 57-52

TCR 1 — American Express Transaction Detail, Restaurant (Format Code 12), 57-49

TCR 1 — American Express Transaction Detail, Telephone Part 1 (Format Code 13), 57-68

TCR 1 — Batch Header, 57-16

TCR 2 — American Express Batch Header, 57-20

TCR 2 — American Express Transaction Detail, Automobile Leasing (Optional) (Format Code 07), 57-63

TCR 2 — American Express Transaction Detail, General Merchandise (Format Code 02, 03, 10, or 20), 57-36

TCR 2 — American Express Transaction Detail, Insurance Part 2 (Format Code 04), 57-55

TCR 2 — American Express Transaction Detail, Telephone Part 2 (Format Code 13), 57-72

TCR 3 — Transaction Detail, Payment Service Data, 57-77

TCR 4 — Industry-Specific Data—Car Rental, 57-92

TCR 4 — Industry-Specific Data—Lodging, 57-88

TCR 4 — Industry-Specific Data—Passenger Itinerary Data, 57-84

TCR 4 — MasterCard Transaction—Car Rental Data, 57-101

TCR 4 — MasterCard Transaction—Lodging Data, 57-97

TCR 5 — Limited-Use Data, 57-104

TCR 5 — MasterCard Compliance Data, 57-108

## Internal Terminal Serial Number

TC 57

TCR 1 — Batch Header, 57-15

## Internet Indicator

TC 50

TCR 0 — Commercial Card – Passenger Itinerary Data, 50-8

## Invoice Batch

TC 57

TCR 2 — American Express Batch Header, 57-19

## Invoice Batch Code

TC 59

TCR 1 — American Express (Format Codes 02, 03, 05, 10, 11, 12), 59-17

## Invoice Sub-Code

TC 57

TCR 2 — American Express Batch Header, 57-20

TC 59

TCR 1 — American Express (Format Codes 02, 03, 05, 10, 11, 12), 59-17

## Issuer Billing Currency Code

TC 52

TCR 1, 52-12

## Issuer Billing Transaction Amount

TC 52

TCR 1, 52-12

## Issuer Control Number

TC 52

TCR 0, 52-7

## Issuer RFC BIN

TC 52

TCR 1, 52-12

## Issuer RFC Sub-Address

TC 52

TCR 1, 52-12

## Item 1 Descriptor

TC 57

TCR 0 — American Express Transaction Detail, General Merchandise (Format Code 02, 03, 10, or 20), 57-32

TC 59

TCR 2 — American Express Transaction Detail, General Merchandise (Format Codes 02, 03, and 10), 59-21

## Item 1 Quantity

TC 57

TCR 0 — American Express Transaction Detail, General Merchandise (Format Code 02, 03, 10, or 20), 57-32

TC 59

TCR 2 — American Express Transaction Detail, General Merchandise (Format Codes 02, 03, and 10), 59-21

## Item 1 Total Price

TC 57

TCR 0 — American Express Transaction  
Detail, General Merchandise (Format  
Code 02, 03, 10, or 20), 57-32

TC 59

TCR 2 — American Express Transaction  
Detail, General Merchandise (Format  
Codes 02, 03, and 10), 59-22

## Item 1 Unit Price

TC 57

TCR 0 — American Express Transaction  
Detail, General Merchandise (Format  
Code 02, 03, 10, or 20), 57-32

TC 59

TCR 2 — American Express Transaction  
Detail, General Merchandise (Format  
Codes 02, 03, and 10), 59-21

## Item 2 Descriptor

TC 57

TCR 0 — American Express Transaction  
Detail, General Merchandise (Format  
Code 02, 03, 10, or 20), 57-32

TC 59

TCR 2 — American Express Transaction  
Detail, General Merchandise (Format  
Codes 02, 03, and 10), 59-22

## Item 2 Quantity

TC 57

TCR 0 — American Express Transaction  
Detail, General Merchandise (Format  
Code 02, 03, 10, or 20), 57-32

TC 59

TCR 2 — American Express Transaction  
Detail, General Merchandise (Format  
Codes 02, 03, and 10), 59-22

## Item 2 Total Price

TC 57

TCR 0 — American Express Transaction  
Detail, General Merchandise (Format  
Code 02, 03, 10, or 20), 57-32

TC 59

TCR 2 — American Express Transaction  
Detail, General Merchandise (Format  
Codes 02, 03, and 10), 59-22

## Item 2 Unit Price

TC 57

TCR 0 — American Express Transaction  
Detail, General Merchandise (Format  
Code 02, 03, 10, or 20), 57-32

TC 59

TCR 2 — American Express Transaction  
Detail, General Merchandise (Format  
Codes 02, 03, and 10), 59-22

## Item 3 Descriptor

TC 57

TCR 2 — American Express Transaction  
Detail, General Merchandise (Format  
Code 02, 03, 10, or 20), 57-35

TC 59

TCR 2 — American Express Transaction  
Detail, General Merchandise (Format  
Codes 02, 03, and 10), 59-22

## Item 3 Quantity

TC 57

TCR 2 — American Express Transaction  
Detail, General Merchandise (Format  
Code 02, 03, 10, or 20), 57-35

TC 59

TCR 2 — American Express Transaction  
Detail, General Merchandise (Format  
Codes 02, 03, and 10), 59-22

## Item 3 Total Price

TC 57

TCR 2 — American Express Transaction  
Detail, General Merchandise (Format  
Code 02, 03, 10, or 20), 57-35

TC 59

TCR 2 — American Express Transaction  
Detail, General Merchandise (Format  
Codes 02, 03, and 10), 59-22

## Item 3 Unit Price

TC 57

TCR 2 — American Express Transaction  
Detail, General Merchandise (Format  
Code 02, 03, 10, or 20), 57-35

TC 59

TCR 2 — American Express Transaction  
Detail, General Merchandise (Format  
Codes 02, 03, and 10), 59-22

## Item 4 Descriptor

TC 57

TCR 2 — American Express Transaction  
Detail, General Merchandise (Format  
Code 02, 03, 10, or 20), 57-36

TC 59

TCR 2 — American Express Transaction  
Detail, General Merchandise (Format  
Codes 02, 03, and 10), 59-23

## Item 4 Quantity

TC 57

TCR 2 — American Express Transaction  
Detail, General Merchandise (Format  
Code 02, 03, 10, or 20), 57-36

TC 59

TCR 2 — American Express Transaction  
Detail, General Merchandise (Format  
Codes 02, 03, and 10), 59-22

## Item 4 Total Price

TC 57

TCR 2 — American Express Transaction  
Detail, General Merchandise (Format  
Code 02, 03, 10, or 20), 57-36

TC 59

TCR 2 — American Express Transaction  
Detail, General Merchandise (Format  
Codes 02, 03, and 10), 59-23

## Item 4 Unit Price

TC 57

TCR 2 — American Express Transaction  
Detail, General Merchandise (Format  
Code 02, 03, 10, or 20), 57-36

TC 59

TCR 2 — American Express Transaction  
Detail, General Merchandise (Format  
Codes 02, 03, and 10), 59-23

## Item Commodity Code

TC 50

TCR 0 — Commercial Card – Car Rental –  
Line Item Detail (Item Data Elements),  
50-64

TCR 0 — Commercial Card – General Use –  
Line Item Detail (Item Data Elements),  
50-51

TCR 0 — Commercial Card – Purchasing  
Transaction – Line Item Detail (Item  
Data Elements), 50-55

TCR 0 — Commercial Card - Lodging -  
Line Item Detail (Item Data Elements),  
50-60

## Item Descriptor

TC 50

TCR 0 — Commercial Card – Car Rental –  
Line Item Detail (Item Data Elements),  
50-64

TCR 0 — Commercial Card – General Use –  
Line Item Detail (Item Data Elements),  
50-52

TCR 0 — Commercial Card – Purchasing  
Transaction – Line Item Detail (Item  
Data Elements), 50-56

TCR 0 — Commercial Card - Lodging -  
Line Item Detail (Item Data Elements),  
50-60

## Item Sequence Number

TC 50

TCR 0 — Commercial Card – Car Rental,  
50-31

TCR 0 — Commercial Card – Car Rental –  
Line Item Detail (Item Data Elements),  
50-63

TCR 0 — Commercial Card – Car Rental  
(Additional Data Elements), 50-47

TCR 0 — Commercial Card – Fleet Service,  
50-17

TCR 0 — Commercial Card – General Use –  
Line Item Detail (Item Data Elements),  
50-51

TCR 0 — Commercial Card – General Use  
(Additional Data Elements), 50-39

TCR 0 — Commercial Card – Lodging,  
50-27

TCR 0 — Commercial Card – Lodging  
(Additional Data Elements), 50-43

TCR 0 — Commercial Card – Purchasing  
Transaction – Line Item Detail (Item  
Data Elements), 50-55

TCR 0 — Commercial Card – Purchasing  
Transaction (Additional Data Elements),  
50-35

TCR 0 — Commercial Card - Lodging -  
Line Item Detail (Item Data Elements),  
50-59

## Item Sequencing Field

TC 50

TCR 0 — Commercial Card – Generic Data,  
50-23

TCR 0 — Commercial Card – Passenger  
Itinerary Data, 50-7



TCR 0 — Commercial Card  
– Passenger Itinerary Data – Leg-Specific,  
50-11

## J

### JAS Additional Data

TC 57  
TCR 0 — Japan Acquirer Services, 57-111

### JAS Capture Information

TC 57  
TCR 0 — Japan Acquirer Services, 57-111  
TCR 0 — Japan Acquirer  
Services—Additional Capture  
Information, 57-113

## L

### Last Digit of Batch Number

TC 57  
TCR 0 — American Express Transaction  
Detail, General Merchandise (Format  
Code 02, 03, 10, or 20), 57-33  
TCR 0 — American Express Transaction  
Detail, Lodging (Format Code 11),  
57-45  
TCR 1 — American Express Transaction  
Detail, Restaurant (Format Code 12),  
57-49

### Late Return Charges/Hourly Rate

TC 50  
TCR 0 — Commercial Card – Car Rental,  
50-32

### Laundry Amount

TC 57  
TCR 4 — MasterCard Transaction—Lodging  
Data, 57-96

### Laundry Charges

TC 50  
TCR 0 — Commercial Card – Lodging,  
50-28

### Lease City

TC 57  
TCR 1 — American Express Transaction  
Detail, Automobile Leasing (Format  
Code 07), 57-60  
TC 59  
TCR 2 — American Express Transaction  
Detail, Automobile Leasing (Format

Code 07, reserved for future use),  
59-44

### Lease Date

TC 57  
TCR 1 — American Express Transaction  
Detail, Automobile Leasing (Format  
Code 07), 57-60  
TC 59  
TCR 2 — American Express Transaction  
Detail, Automobile Leasing (Format  
Code 07, reserved for future use),  
59-44

### Lease State

TC 57  
TCR 1 — American Express Transaction  
Detail, Automobile Leasing (Format  
Code 07), 57-60  
TC 59  
TCR 2 — American Express Transaction  
Detail, Automobile Leasing (Format  
Code 07, reserved for future use),  
59-44

### Lease Time

TC 57  
TCR 1 — American Express Transaction  
Detail, Automobile Leasing (Format  
Code 07), 57-60  
TC 59  
TCR 2 — American Express Transaction  
Detail, Automobile Leasing (Format  
Code 07, reserved for future use),  
59-44

### Leasing Agreement Number

TC 57  
TCR 1 — American Express Transaction  
Detail, Automobile Leasing (Format  
Code 07), 57-59  
TC 59  
TCR 2 — American Express Transaction  
Detail, Automobile Leasing (Format  
Code 07, reserved for future use),  
59-43

### Lessee Name

TC 57  
TCR 1 — American Express Transaction  
Detail, Automobile Leasing (Format  
Code 07), 57-61  
TC 59

TCR 2 — American Express Transaction Detail, Automobile Leasing (Format Code 07, reserved for future use), 59-45

## Line Item Detail Indicator

TC 50

TCR 0 — Commercial Card – Car Rental – Line Item Detail (Item Data Elements), 50-64

TCR 0 — Commercial Card – General Use – Line Item Detail (Item Data Elements), 50-52

TCR 0 — Commercial Card – Purchasing Transaction – Line Item Detail (Item Data Elements), 50-56

TCR 0 — Commercial Card - Lodging - Line Item Detail (Item Data Elements), 50-61

## Line Item Total

TC 50

TCR 0 — Commercial Card – Car Rental – Line Item Detail (Item Data Elements), 50-64

TCR 0 — Commercial Card – General Use – Line Item Detail (Item Data Elements), 50-52

TCR 0 — Commercial Card – Purchasing Transaction – Line Item Detail (Item Data Elements), 50-56

TCR 0 — Commercial Card - Lodging - Line Item Detail (Item Data Elements), 50-60

## Local Authorization Number

TC 57

TCR 0 — Cardholder Transaction Detail (Korea), 57-116

## Local Tax

TC 50

TCR 0 — Commercial Card – Generic Data, 50-24

TC 57

TCR 5 — Limited-Use Data, 57-103

## Location (City) Car Returned To

TC 50

TCR 0 — Commercial Card – Car Rental, 50-32

## Lodging Check-In Date

TC 57

TCR 4 — Industry-Specific Data—Lodging, 57-88

## Lodging Extra Charges

TC 57

TCR 4 — Industry-Specific Data—Lodging, 57-88

## Lodging No Show Indicator

TC 57

TCR 4 — Industry-Specific Data—Lodging, 57-87

# M

## Mail, Telephone or Electronic Commerce Indicator

TC 57

TCR 0 — Cardholder Transaction Detail (Korea), 57-116

## Mail/Telephone or Electronic Commerce Indicator

TC 57

TCR 0 — Transaction Detail, 57-27

## Market-specific Authorization Data Identifier

TC 57

TCR 3 — Transaction Detail, Payment Service Data, 57-76

## Maximum Free Miles

TC 57

TCR 4 — MasterCard Transaction—Car Rental Data, 57-100

## Merchant Batch

TC 59

TCR 1 — American Express (Format Codes 02, 03, 05, 10, 11, 12), 59-16

TCR 1 — Non-Visa Transaction Detail, Additional Data, 59-12

## Merchant Batch Date

TC 57

TCR 0 — Batch Header, 57-8

TC 59

TCR 1 — American Express (Format Codes 02, 03, 05, 10, 11, 12), 59-16

TCR 1 — Non-Visa Transaction Detail, Additional Data, 59-12

## Merchant Batch Number

TC 57

TCR 0 — Batch Header, 57-8

## Merchant Business ID

TC 57

TCR 0 — Cardholder Transaction Detail  
(Korea), 57-116

## Merchant Category Code

TC 50  
TCR 0 — Commercial Card – Generic Data,  
50-24  
TCR 0 — Merchant Registration – Incoming,  
50-74  
TC 52  
TCR 0, 52-7  
TC 57  
TCR 0 — Cardholder Transaction Detail  
(Korea), 57-117  
TCR 1 — Batch Header, 57-15  
TC 59  
TCR 0 — Non-Visa Transaction Detail, 59-7

## Merchant City

TC 50  
TCR 0 — Merchant Registration – Incoming,  
50-74  
TCR 0 — Merchant Registration – Outgoing,  
50-78  
TC 52  
TCR 0, 52-7  
TC 57  
TCR 1 — Batch Header, 57-16  
TC 59  
TCR 0 — Non-Visa Transaction Detail, 59-6

## Merchant Country Code

TC 50  
TCR 0 — Merchant Registration – Incoming,  
50-74  
TC 52  
TCR 0, 52-7  
TC 57  
TCR 0 — Cardholder Transaction Detail  
(Korea), 57-117  
TCR 1 — Batch Header, 57-16  
TC 59  
TCR 0 — Non-Visa Transaction Detail, 59-7

## Merchant Deferred Days

TC 57  
TCR 1 — Cardholder Transaction Detail  
(Korea), 57-121

## Merchant ID

TC 57  
TCR 0 — Cardholder Transaction Detail  
(Korea), 57-116

## Merchant Location

TC 57  
TCR 0 — Cardholder Transaction Detail  
(Korea), 57-117

## Merchant Location - Korean

TC 57  
TCR 2 — Transaction Additional Detail  
(Korea), 57-123

## Merchant Name

TC 50  
TCR 0 — Commercial Card – Generic Data,  
50-24  
TCR 0 — Merchant Registration – Incoming,  
50-73  
TCR 0 — Merchant Registration – Outgoing,  
50-77  
TC 52  
TCR 0, 52-7  
TC 57  
TCR 0 — Cardholder Transaction Detail  
(Korea), 57-117  
TCR 1 — Batch Header, 57-15  
TC 59  
TCR 0 — Non-Visa Transaction Detail, 59-6

## Merchant Name - Korean

TC 57  
TCR 1 — Cardholder Transaction Detail  
(Korea), 57-120

## Merchant Number

TC 57  
TCR 0 — Batch Header, 57-7  
TC 59  
TCR 1 — American Express (Format Codes  
02, 03, 05, 10, 11, 12), 59-15  
TCR 1 — Non-Visa Transaction Detail,  
Additional Data, 59-11

## Merchant Order Number

TC 50  
TCR 0 — Commercial Card – Generic Data,  
50-24

## Merchant Payment Date

TC 57  
TCR 1 — Cardholder Transaction Detail  
(Korea), 57-121

## Merchant Representative Resident

### Registration Number

TC 57

TCR 0 — Cardholder Transaction Detail  
(Korea), 57-117

## Merchant Sector

TC 50

TCR 0 — Commercial Card – Open Format  
– Text Message, 50-67

## Merchant Security Code

TC 57

TCR 0 — Batch Header, 57-8

## Merchant State

TC 50

TCR 0 — Merchant Registration – Incoming,  
50-74

TCR 0 — Merchant Registration – Outgoing,  
50-78

## Merchant State/Province Code

TC 52

TCR 0, 52-7

TC 57

TCR 1 — Batch Header, 57-16

TC 59

TCR 0 — Non-Visa Transaction Detail, 59-6

## Merchant Street Address

TC 50

TCR 0 — Merchant Registration – Outgoing,  
50-78

## Merchant ZIP Code

TC 50

TCR 0 — Commercial Card – Generic Data,  
50-24

TCR 0 — Merchant Registration – Incoming,  
50-74

TCR 0 — Merchant Registration – Outgoing,  
50-78

TC 57

TCR 1 — Batch Header, 57-16

TC 59

TCR 0 — Non-Visa Transaction Detail, 59-7

## Message Identifier

TC 50

TCR 0 — Commercial Card – Car Rental,  
50-31

TCR 0 — Commercial Card – Car Rental –  
Line Item Detail (Item Data Elements),  
50-63

TCR 0 — Commercial Card – Car Rental  
(Additional Data Elements), 50-47

TCR 0 — Commercial Card – Fleet Service,  
50-17

TCR 0 — Commercial Card – General Use –  
Line Item Detail (Item Data Elements),  
50-51

TCR 0 — Commercial Card – General Use  
(Additional Data Elements), 50-39

TCR 0 — Commercial Card – Generic Data,  
50-23

TCR 0 — Commercial Card – Lodging,  
50-27

TCR 0 — Commercial Card – Lodging  
(Additional Data Elements), 50-43

TCR 0 — Commercial Card – Open Format  
– Text Message, 50-67

TCR 0 — Commercial Card – Passenger  
Itinerary Data, 50-7

TCR 0 — Commercial Card  
– Passenger Itinerary Data – Leg-Specific,  
50-11

TCR 0 — Commercial Card – Purchasing  
Transaction – Line Item Detail (Item  
Data Elements), 50-55

TCR 0 — Commercial Card – Purchasing  
Transaction (Additional Data Elements),  
50-35

TCR 0 — Commercial Card – Lodging –  
Line Item Detail (Item Data Elements),  
50-59

## Message Text

TC 50

TCR 0 — Commercial Card – Open Format  
– Text Message, 50-68

TCR 1-7 — Commercial Card – Open  
Format – Text Message, 50-71

TC 57

TCR 2 — Transaction Additional Detail  
(Korea), 57-124

## Minibar Charges

TC 50

TCR 0 — Commercial Card – Lodging,  
50-28

## Miscellaneous Description 1

TC 57

TCR 2 — American Express Transaction  
Detail, Insurance Part 2 (Format Code  
04), 57-55

TC 59

TCR 2 — American Express Transaction  
Detail, Insurance Part 1 (Format Codes  
04, reserved for future use), 59-38

## Miscellaneous Description 2

TC 57  
TCR 2 — American Express Transaction  
Detail, Insurance Part 2 (Format Code  
04), 57-55

TC 59  
TCR 2 — American Express Transaction  
Detail, Insurance Part 2 (Format Code  
04, reserved for future use), 59-41

## MOTO Customer Service Phone Flag

TC 57  
TCR 3 — Transaction Detail, Payment  
Service Data, 57-76

## MOTO Customer Service Phone Number

TC 57  
TCR 3 — Transaction Detail, Payment  
Service Data, 57-76

## MOTO Installment Sequence Count

TC 57  
TCR 3 — Transaction Detail, Payment  
Service Data, 57-76

## MOTO Installment Sequence Number

TC 57  
TCR 3 — Transaction Detail, Payment  
Service Data, 57-76

## Movie Charges

TC 50  
TCR 0 — Commercial Card – Lodging,  
50-28

## MPS Identification Number

TC 50  
TCR 0 — Merchant Registration – Incoming,  
50-75  
TCR 0 — Merchant Registration – Outgoing,  
50-77

## Multiple Clearing Sequence Count

TC 57  
TCR 3 — Transaction Detail, Payment  
Service Data, 57-76

## Multiple Clearing Sequence Number

TC 52  
TCR 1, 52-13  
TC 57  
TCR 3 — Transaction Detail, Payment  
Service Data, 57-75

# N

## National Reimbursement Fee

TC 52  
TCR 0, 52-8

## National Tax

TC 50  
TCR 0 — Commercial Card – Generic Data,  
50-24

## National Tax Amount

TC 50  
TCR 0 — Commercial Card – Passenger  
Itinerary Data, 50-8

## Network Identifier

TC 57  
TCR 0 — Transaction Detail, 57-27

## Ninth Currency Entry

TC 56  
TCR 1, 56-16

## Non-Fuel State and Local Sales Tax

TC 50  
TCR 0 — Commercial Card – Fleet Service,  
50-18

## Non-Fuel State and Local Sales Tax Exemption Status

TC 50  
TCR 0 — Commercial Card – Fleet Service,  
50-18

## Non-Visa Payment Indicator

TC 59  
TCR 1 — Non-Visa Transaction Detail,  
Additional Data, 59-13

## Number of Monetary Transactions

TC 91, 92  
TCR 0 — CTF, 91-6  
TCR 0 — ITF, 91-10

## Number of Payment

TC 57  
TCR 1 — Cardholder Transaction Detail  
(Korea), 57-121

## Number of TCRs

TC 91, 92  
TCR 0 — CTF, 91-6  
TCR 0 — ITF, 91-10

## Number of Transactions

TC 91, 92  
TCR 0 — CTF, 91-6  
TCR 0 — ITF, 91-10

## O

### Occurrence Number

- TC 50
  - TCR 0 — Merchant Registration – Incoming, 50-74

### Order Date

- TC 50
  - TCR 0 — Commercial Card – Car Rental (Additional Data Elements), 50-48
  - TCR 0 — Commercial Card – Purchasing Transaction (Additional Data Elements), 50-36
- TC 57
  - TCR 1 — Cardholder Transaction Detail (Korea), 57-120

### Order Date (YYMMDD)

- TC 50
  - TCR 0 — Commercial Card – General Use (Additional Data Elements), 50-40
  - TCR 0 — Commercial Card – Lodging (Additional Data Elements), 50-44

### Original Ticket Number

- TC 57
  - TCR 4 — Industry-Specific Data—Passenger Itinerary Data, 57-84

### Origination City / Airport Code

- TC 50
  - TCR 0 — Commercial Card – Passenger Itinerary Data – Leg-Specific, 50-13

### Origination City/Airport Code

- TC 50
  - TCR 0 — Commercial Card – Passenger Itinerary Data – Leg-Specific, 50-12
- TC 57
  - TCR 4 — Industry-Specific Data—Passenger Itinerary Data, 57-81

### Other Charges

- TC 50
  - TCR 0 — Commercial Card – Car Rental, 50-32
  - TCR 0 — Commercial Card – Lodging, 50-28

### Other Services Amount

- TC 57

- TCR 4 — MasterCard Transaction—Lodging Data, 57-96

### Other Services Code

- TC 57
  - TCR 4 — MasterCard Transaction—Lodging Data, 57-96

### Outgoing File ID

- TC 90
  - TCR 0 — Outgoing CTF, 90-6

## P

### Partial Reversal Transaction Amount Sum Total

- TC 57
  - TCR 0 — Batch Trailer (Korea), 57-132

### Partial Reversal Transaction Count

- TC 57
  - TCR 0 — Batch Trailer (Korea), 57-132

### Passenger Name

- TC 50
  - TCR 0 — Commercial Card – Passenger Itinerary Data, 50-8
- TC 57
  - TCR 4 — Industry-Specific Data—Passenger Itinerary Data, 57-81

### Payment Method

- TC 57
  - TCR 1 — Cardholder Transaction Detail (Korea), 57-120

### Phone Call Amount

- TC 57
  - TCR 4 — MasterCard Transaction—Lodging Data, 57-96

### Policy Number

- TC 57
  - TCR 1 — American Express Transaction Detail, Insurance Part 1 (Format Code 04), 57-51
- TC 59
  - TCR 2 — American Express Transaction Detail, Insurance Part 1 (Format Codes 04, reserved for future use), 59-37

### Portfolio Sale Acquirer BIN

- TC 50
  - TCR 1 — Merchant Registration, Additional Data, 50-81

### POS Debit Reimbursement Attribute

- TC 57

TCR 0 — Transaction Detail, 57-27

## POS Entry Mode

TC 57

TCR 0 — Cardholder Transaction Detail  
(Korea), 57-116

TCR 0 — Transaction Detail, 57-28

TC 59

TCR 0 — Non-Visa Transaction Detail, 59-8

## POS Terminal Capability

TC 59

TCR 1 — American Express (Format Codes  
02, 03, 05, 10, 11, 12), 59-16

TCR 1 — Non-Visa Transaction Detail,  
Additional Data, 59-12

## Process Control ID

TC 57

TCR 2 — American Express Batch Header,  
57-20

TC 59

TCR 1 — American Express (Format Codes  
02, 03, 05, 10, 11, 12), 59-17

## Process Option

TC 90

TCR 0 — Incoming ITF, 90-20

TCR 0 — Outgoing ITF, 90-14

## Processing BIN

TC 90

TCR 0 — Incoming CTF, 90-9

TCR 0 — Incoming ITF, 90-19

TCR 0 — Outgoing CTF, 90-5

TCR 0 — Outgoing ITF, 90-13

## Processing Date

TC 90

TCR 0 — Incoming CTF, 90-9

TCR 0 — Incoming ITF, 90-19

TCR 0 — Outgoing CTF, 90-5

TCR 0 — Outgoing ITF, 90-13

TC 91, 92

TCR 0 — CTF, 91-5

TCR 0 — ITF, 91-9

## Product Code

TC 50

TCR 0 — Commercial Card – Car Rental –  
Line Item Detail (Item Data Elements),  
50-64

TCR 0 — Commercial Card – General Use –  
Line Item Detail (Item Data Elements),  
50-52

TCR 0 — Commercial Card – Purchasing  
Transaction – Line Item Detail (Item  
Data Elements), 50-56

TCR 0 — Commercial Card - Lodging -  
Line Item Detail (Item Data Elements),  
50-60

TC 57

TCR 1 — Cardholder Transaction Detail  
(Korea), 57-120

## Product Name - Korean

TC 57

TCR 1 — Cardholder Transaction Detail  
(Korea), 57-120

## Program Code

TC 57

TCR 4 — MasterCard Transaction—Car  
Rental Data, 57-101

TCR 4 — MasterCard Transaction—Lodging  
Data, 57-96

## Property Phone Number

TC 57

TCR 4 — MasterCard Transaction—Lodging  
Data, 57-95

## Purchase Date

TC 50

TCR 0 — Commercial Card – Generic Data,  
50-24

TC 52

TCR 0, 52-6

TC 57

TCR 0 — Transaction Detail, 57-25

TCR 2 — Transaction Additional Detail  
(Korea), 57-123

TC 59

TCR 0 — Non-Visa Transaction Detail, 59-6

## Purchase Identifier

TC 57

TCR 5 — Limited-Use Data, 57-103

## Purchase Identifier Format

TC 57

TCR 5 — Limited-Use Data, 57-103

## Purchase Reversal Transaction Amount Sum Total

TC 57

TCR 0 — Batch Trailer (Korea), 57-132

## Purchase Reversal Transaction Count

TC 57

TCR 0 — Batch Trailer (Korea), 57-131

**Purchase Time**

- TC 57
  - TCR 2 — Transaction Additional Detail (Korea), 57-123

**Purchase Transaction Amount Sum Total**

- TC 57
  - TCR 0 — Batch Trailer (Korea), 57-131

**Purchase Transaction Count**

- TC 57
  - TCR 0 — Batch Trailer (Korea), 57-131

**Q****Quantity**

- TC 50
  - TCR 0 — Commercial Card – Car Rental – Line Item Detail (Item Data Elements), 50-64
  - TCR 0 — Commercial Card – General Use – Line Item Detail (Item Data Elements), 50-52
  - TCR 0 — Commercial Card – Purchasing Transaction – Line Item Detail (Item Data Elements), 50-56
  - TCR 0 — Commercial Card - Lodging - Line Item Detail (Item Data Elements), 50-60

**R****Rate Class**

- TC 57
  - TCR 1 — American Express Transaction Detail, Telephone Part 1 (Format Code 13), 57-68
- TC 59
  - TCR 2 — American Express Transaction Detail, Telephone (Format Code 13, reserved for future use), 59-48

**Rate Per Mile**

- TC 57
  - TCR 4 — MasterCard Transaction—Car Rental Data, 57-100

**Record Format Code**

- TC 57
  - TCR 0 — Batch Header, 57-7
  - TCR 0 — Batch Trailer, 57-128
  - TCR 0 — Japan Acquirer Services, 57-111
  - TCR 0 — Transaction Detail, 57-25

**Record Format Code (KR)**

- TC 57
  - TCR 0 — Batch Header (Korea), 57-11
  - TCR 0 — Batch Trailer (Korea), 57-131
  - TCR 0 — Cardholder Transaction Detail (Korea), 57-116
  - TCR 1 — Cardholder Transaction Detail (Korea), 57-120
  - TCR 2 — Transaction Additional Detail (Korea), 57-123

**Record Hash Total**

- TC 54
  - TCR 0, 54-5
- TC 90
  - TCR 0 — Incoming ITF, 90-19
  - TCR 0 — Outgoing ITF, 90-13
- TC 91, 92
  - TCR 0 — ITF, 91-9

**Record ID**

- TC 55
  - TCR 0, 55-5

**Record of Charge (ROC) Number**

- TC 57
  - TCR 0 — American Express Transaction Detail, Lodging (Format Code 11), 57-44
  - TCR 1 — American Express Transaction Detail, Restaurant (Format Code 12), 57-48
  - TCR 1 — American Express Transaction Detail, Telephone Part 1 (Format Code 13), 57-67
- TC 59
  - TCR 1 — American Express (Format Codes 02, 03, 05, 10, 11, 12), 59-18

**Record of Charge Number**

- TC 57
  - TCR 0 — American Express Transaction Detail, General Merchandise (Format Code 02, 03, 10, or 20), 57-32

**Record Subtype**

- TC 58
  - TCR 0, 58-5

**Record Type**

- TC 54
  - TCR 0, 54-5 to 54-6
- TC 57



TCR 0 — American Express Transaction Detail, Automobile Rental (Format Code 05), 57-41

TCR 0 — American Express Transaction Detail, General Merchandise (Format Code 02, 03, 10, or 20), 57-33

TCR 0 — American Express Transaction Detail, Lodging (Format Code 11), 57-45

TCR 0 — Batch Header, 57-9

TCR 0 — Batch Header (Korea), 57-12

TCR 0 — Batch Trailer, 57-129

TCR 0 — Batch Trailer (Korea), 57-133

TCR 0 — Cardholder Transaction Detail (Korea), 57-117

TCR 0 — Transaction Detail, 57-28

TCR 1 — American Express Transaction Detail, Automobile Leasing (Format Code 07), 57-61

TCR 1 — American Express Transaction Detail, Insurance Part 1 (Format Code 04), 57-52

TCR 1 — American Express Transaction Detail, Restaurant (Format Code 12), 57-49

TCR 1 — American Express Transaction Detail, Telephone Part 1 (Format Code 13), 57-69

TCR 1 — Batch Header, 57-16

TCR 1 — Cardholder Transaction Detail (Korea), 57-121

TCR 2 — American Express Batch Header, 57-20

TCR 2 — American Express Transaction Detail, Automobile Leasing (Optional) (Format Code 07), 57-64

TCR 2 — American Express Transaction Detail, General Merchandise (Format Code 02, 03, 10, or 20), 57-36

TCR 2 — American Express Transaction Detail, Insurance Part 2 (Format Code 04), 57-56

TCR 2 — American Express Transaction Detail, Telephone Part 2 (Format Code 13), 57-72

TCR 2 — Transaction Additional Detail (Korea), 57-124

TCR 3 — Transaction Detail, Payment Service Data, 57-77

TCR 4 — Industry-Specific Data—Car Rental, 57-92

TCR 4 — Industry-Specific Data—Lodging, 57-88

TCR 4 — Industry-Specific Data—Passenger Itinerary Data, 57-84

TCR 4 — MasterCard Transaction—Car Rental Data, 57-101

TCR 4 — MasterCard Transaction—Lodging Data, 57-97

TCR 5 — Limited-Use Data, 57-104

TCR 5 — MasterCard Compliance Data, 57-108

## Reference CDAR Number

TC 57

TCR 1 — American Express Transaction Detail, Telephone Part 1 (Format Code 13), 57-68

TC 59

TCR 2 — American Express Transaction Detail, Telephone (Format Code 13, reserved for future use), 59-47

## Refund Amount Transaction Sum Total

TC 57

TCR 0 — Batch Trailer (Korea), 57-132

## Refund Transaction Count

TC 57

TCR 0 — Batch Trailer (Korea), 57-132

## Regular Mileage Charges

TC 50

TCR 0 — Commercial Card – Car Rental, 50-32

## Reimbursement Attribute

TC 50

TCR 0, 50-5

TCR 0 — Commercial Card – Car Rental, 50-32

TCR 0 — Commercial Card – Car Rental – Line Item Detail (Item Data Elements), 50-65

TCR 0 — Commercial Card – Car Rental (Additional Data Elements), 50-49

TCR 0 — Commercial Card – Fleet Service, 50-19

- TCR 0 — Commercial Card – General Use – Line Item Detail (Item Data Elements), 50-53
- TCR 0 — Commercial Card – General Use (Additional Data Elements), 50-41
- TCR 0 — Commercial Card – Generic Data, 50-25
- TCR 0 — Commercial Card – Lodging, 50-28
- TCR 0 — Commercial Card – Lodging (Additional Data Elements), 50-45
- TCR 0 — Commercial Card – Open Format – Text Message, 50-68
- TCR 0 — Commercial Card – Passenger Itinerary Data, 50-9
- TCR 0 — Commercial Card – Passenger Itinerary Data – Leg-Specific, 50-14
- TCR 0 — Commercial Card – Purchasing Transaction – Line Item Detail (Item Data Elements), 50-56
- TCR 0 — Commercial Card – Purchasing Transaction (Additional Data Elements), 50-37
- TCR 0 — Commercial Card – Lodging - Line Item Detail (Item Data Elements), 50-61
- TCR 0 — Merchant Registration – Incoming, 50-75
- TCR 0 — Merchant Registration – Outgoing, 50-78
- TCR 0 — Stop Recurring Payment, 50-85
- TC 52
  - TCR 0, 52-9
- TC 54
  - TCR 0, 54-6
- TC 55
  - TCR 0, 55-6
- TC 57
  - TCR 0 — Batch Header, 57-9
  - TCR 0 — Batch Header (Korea), 57-12
  - TCR 0 — Batch Trailer, 57-129
  - TCR 0 — Batch Trailer (Korea), 57-133
  - TCR 0 — Cardholder Transaction Detail (Korea), 57-117
  - TCR 0 — Transaction Detail, 57-28
  - TCR 1 — Cardholder Transaction Detail (Korea), 57-121
  - TCR 2 — Transaction Additional Detail (Korea), 57-124
  - TCR 4 — MasterCard Transaction—Car Rental Data, 57-101
  - TCR 4 — MasterCard Transaction—Lodging Data, 57-97
  - TCR 5 — MasterCard Compliance Data, 57-108
- TC 58
  - TCR 0, 58-6
- TC 59
  - TCR 0 — Non-Visa Transaction Detail, 59-8
- Release Number**
  - TC 90
    - TCR 0 — Incoming CTF, 90-9
    - TCR 0 — Incoming ITF, 90-20
    - TCR 0 — Outgoing ITF, 90-14
- Rental Agreement Number**
  - TC 57
    - TCR 0 — American Express Transaction Detail, Automobile Rental (Format Code 05), 57-39
    - TCR 4 — MasterCard Transaction—Car Rental Data, 57-99
  - TC 59
    - TCR 2 — American Express Transaction Detail, Automobile Rental (Format Code 05), 59-25
- Rental Check Out Date**
  - TC 57
    - TCR 4 — MasterCard Transaction—Car Rental Data, 57-99
- Rental City**
  - TC 57
    - TCR 0 — American Express Transaction Detail, Automobile Rental (Format Code 05), 57-40
  - TC 59
    - TCR 2 — American Express Transaction Detail, Automobile Rental (Format Code 05), 59-26
- Rental Class**
  - TC 57
    - TCR 4 — MasterCard Transaction—Car Rental Data, 57-100
- Rental Date**
  - TC 57

TCR 0 — American Express Transaction  
Detail, Automobile Rental (Format Code  
05), 57-40

TC 59

TCR 2 — American Express Transaction  
Detail, Automobile Rental (Format Code  
05), 59-26

## Rental State

TC 57

TCR 0 — American Express Transaction  
Detail, Automobile Rental (Format Code  
05), 57-40

TC 59

TCR 2 — American Express Transaction  
Detail, Automobile Rental (Format Code  
05), 59-26

## Rental Time

TC 57

TCR 0 — American Express Transaction  
Detail, Automobile Rental (Format Code  
05), 57-40

TC 59

TCR 2 — American Express Transaction  
Detail, Automobile Rental (Format Code  
05), 59-26

## Renter Name

TC 57

TCR 0 — American Express Transaction  
Detail, Automobile Rental (Format Code  
05), 57-41

TCR 4 — MasterCard Transaction—Car  
Rental Data, 57-99

TC 59

TCR 2 — American Express Transaction  
Detail, Automobile Rental (Format Code  
05), 59-26

## Request Reason Code

TC 52

TCR 0, 52-7

## Requested Fulfillment Method

TC 52

TCR 1, 52-11

## Research Code

TC 57

TCR 0 — Transaction Detail, 57-27

## Reserved

TC 50

TCR 0, 50-5

TCR 0 — Commercial Card – Car Rental,  
50-32

TCR 0 — Commercial Card – Car Rental  
(Additional Data Elements), 50-49

TCR 0 — Commercial Card – Fleet Service,  
50-19

TCR 0 — Commercial Card – General Use  
(Additional Data Elements), 50-41

TCR 0 — Commercial Card – Generic Data,  
50-24

TCR 0 — Commercial Card – Lodging,  
50-28

TCR 0 — Commercial Card – Lodging  
(Additional Data Elements), 50-45

TCR 0 — Commercial Card – Open Format  
– Text Message, 50-68

TCR 0 — Commercial Card – Passenger  
Itinerary Data, 50-9

TCR 0 — Commercial Card  
– Passenger Itinerary Data – Leg-Specific,  
50-14

TCR 0 — Commercial Card – Purchasing  
Transaction (Additional Data Elements),  
50-37

TCR 0 — Merchant Registration – Incoming,  
50-73, 50-75

TCR 0 — Merchant Registration – Outgoing,  
50-78

TCR 0 — Stop Recurring Payment, 50-85

TCR 1 — Commercial Card – Fleet Service,  
50-21

TCR 1 — Merchant Registration, Additional  
Data, 50-81 to 50-82

TC 52

TCR 1, 52-11, 52-13

TCR 4, 52-15

TC 54

TCR 0, 54-6

TC 56

TCR 0, 56-11

TCR 1, 56-20

TC 57

TCR 0 — American Express Transaction  
Detail, Automobile Rental (Format Code  
05), 57-39, 57-41

TCR 0 — American Express Transaction  
Detail, General Merchandise (Format

- Code 02, 03, 10, or 20), 57-31, 57-33
- TCR 0 — American Express Transaction Detail, Lodging (Format Code 11), 57-43, 57-45
- TCR 0 — Batch Header, 57-6 to 57-8
- TCR 0 — Batch Header (Korea), 57-11 to 57-12
- TCR 0 — Batch Trailer, 57-127 to 57-129
- TCR 0 — Batch Trailer (Korea), 57-133
- TCR 0 — Transaction Detail, 57-24 to 57-25, 57-28
- TCR 1 — American Express Transaction Detail, Automobile Leasing (Format Code 07), 57-59, 57-61
- TCR 1 — American Express Transaction Detail, Insurance Part 1 (Format Code 04), 57-51 to 57-52
- TCR 1 — American Express Transaction Detail, Restaurant (Format Code 12), 57-47, 57-49
- TCR 1 — American Express Transaction Detail, Telephone Part 1 (Format Code 13), 57-67 to 57-69
- TCR 1 — Batch Header, 57-15 to 57-16
- TCR 1 — Cardholder Transaction Detail (Korea), 57-120
- TCR 2 — American Express Batch Header, 57-19 to 57-20
- TCR 2 — American Express Transaction Detail, Automobile Leasing (Optional) (Format Code 07), 57-63 to 57-64
- TCR 2 — American Express Transaction Detail, General Merchandise (Format Code 02, 03, 10, or 20), 57-35 to 57-36
- TCR 2 — American Express Transaction Detail, Insurance Part 2 (Format Code 04), 57-55 to 57-56
- TCR 2 — American Express Transaction Detail, Telephone Part 2 (Format Code 13), 57-71 to 57-72
- TCR 3 — Transaction Detail, Payment Service Data, 57-76 to 57-77
- TCR 4 — Industry-Specific Data—Car Rental, 57-91 to 57-92
- TCR 4 — Industry-Specific Data—Lodging, 57-87 to 57-88
- TCR 4 — Industry-Specific Data—Passenger Itinerary Data, 57-81, 57-84
- TCR 4 — MasterCard Transaction—Car Rental Data, 57-99, 57-101
- TCR 4 — MasterCard Transaction—Lodging Data, 57-95, 57-97
- TCR 5 — Limited-Use Data, 57-103 to 57-104
- TCR 5 — MasterCard Compliance Data, 57-107 to 57-108
- TC 59
  - TCR 0 — Non-Visa Transaction Detail, 59-7 to 59-8
  - TCR 1 — American Express (Format Codes 02, 03, 05, 10, 11, 12), 59-15, 59-18
  - TCR 1 — Non-Visa Transaction Detail, Additional Data, 59-11, 59-13
  - TCR 2 — American Express Transaction Detail, Automobile Leasing (Format Code 07, reserved for future use), 59-43, 59-45
  - TCR 2 — American Express Transaction Detail, Automobile Rental (Format Code 05), 59-25 to 59-26
  - TCR 2 — American Express Transaction Detail, General Merchandise (Format Codes 02, 03, and 10), 59-21, 59-23
  - TCR 2 — American Express Transaction Detail, Insurance Part 1 (Format Codes 04, reserved for future use), 59-37 to 59-38
  - TCR 2 — American Express Transaction Detail, Insurance Part 2 (Format Code 04, reserved for future use), 59-41
  - TCR 2 — American Express Transaction Detail, Lodging (Format Code 11), 59-29 to 59-30
  - TCR 2 — American Express Transaction Detail, Restaurant (Format Code 12), 59-33 to 59-34
  - TCR 2 — American Express Transaction Detail, Telephone (Format Code 13, reserved for future use), 59-47, 59-49
- TC 90
  - TCR 0 — Incoming CTF, 90-9 to 90-10

TCR 0 — Incoming ITF, 90-20 to 90-21,  
90-24

TCR 0 — Outgoing CTF, 90-5 to 90-6

TCR 0 — Outgoing ITF, 90-14 to 90-16

TC 91, 92

TCR 0 — CTF, 91-6 to 91-7

TCR 0 — ITF, 91-11

## Restricted Ticket Indicator

TC 57

TCR 4 — Industry-Specific  
Data—Passenger Itinerary Data,  
57-84

## Retrieval Reference Number

TC 57

TCR 0 — Cardholder Transaction Detail  
(Korea), 57-117

TCR 0 — Transaction Detail, 57-28

## Retrieval Request ID

TC 52

TCR 0, 52-8

## Return City

TC 57

TCR 0 — American Express Transaction  
Detail, Automobile Rental (Format Code  
05), 57-40

TCR 1 — American Express Transaction  
Detail, Automobile Leasing (Format  
Code 07), 57-60

TCR 4 — MasterCard Transaction—Car  
Rental Data, 57-99

TC 59

TCR 2 — American Express Transaction  
Detail, Automobile Leasing (Format  
Code 07, reserved for future use),  
59-44

TCR 2 — American Express Transaction  
Detail, Automobile Rental (Format Code  
05), 59-26

## Return Date

TC 57

TCR 0 — American Express Transaction  
Detail, Automobile Rental (Format Code  
05), 57-40

TCR 1 — American Express Transaction  
Detail, Automobile Leasing (Format  
Code 07), 57-61

TCR 4 — MasterCard Transaction—Car  
Rental Data, 57-100

TC 59

TCR 2 — American Express Transaction  
Detail, Automobile Leasing (Format  
Code 07, reserved for future use),  
59-44

TCR 2 — American Express Transaction  
Detail, Automobile Rental (Format Code  
05), 59-26

## Return Location ID

TC 57

TCR 4 — MasterCard Transaction—Car  
Rental Data, 57-100

## Return State

TC 57

TCR 0 — American Express Transaction  
Detail, Automobile Rental (Format Code  
05), 57-40

TCR 1 — American Express Transaction  
Detail, Automobile Leasing (Format  
Code 07), 57-60

TC 59

TCR 2 — American Express Transaction  
Detail, Automobile Leasing (Format  
Code 07, reserved for future use),  
59-44

TCR 2 — American Express Transaction  
Detail, Automobile Rental (Format Code  
05), 59-26

## Return State and Country

TC 57

TCR 4 — MasterCard Transaction—Car  
Rental Data, 57-100

## Return Time

TC 57

TCR 0 — American Express Transaction  
Detail, Automobile Rental (Format Code  
05), 57-40

TCR 1 — American Express Transaction  
Detail, Automobile Leasing (Format  
Code 07), 57-61

TC 59

TCR 2 — American Express Transaction  
Detail, Automobile Leasing (Format  
Code 07, reserved for future use),  
59-44

TCR 2 — American Express Transaction  
Detail, Automobile Rental (Format Code  
05), 59-26

**Reversal Flag**

- TC 57
  - TCR 0 — Batch Header, 57-7
  - TCR 0 — Batch Trailer, 57-128
  - TCR 0 — Transaction Detail, 57-25
- TC 59
  - TCR 0 — Non-Visa Transaction Detail, 59-7

**Room Rate**

- TC 57
  - TCR 0 — American Express Transaction Detail, Lodging (Format Code 11), 57-44
  - TCR 4 — MasterCard Transaction—Lodging Data, 57-96
- TC 59
  - TCR 2 — American Express Transaction Detail, Lodging (Format Code 11), 59-30

**Room Service Amount**

- TC 57
  - TCR 4 — MasterCard Transaction—Lodging Data, 57-96

**Room Tax**

- TC 57
  - TCR 4 — MasterCard Transaction—Lodging Data, 57-96

**S****Second Currency Entry**

- TC 56
  - TCR 0, 56-6

**Secondary Amount**

- TC 57
  - TCR 0 — Batch Trailer, 57-128

**Secondary State Fuel Tax**

- TC 50
  - TCR 0 — Commercial Card – Fleet Service, 50-19

**Secondary State Fuel Tax Exemption Status**

- TC 50
  - TCR 0 — Commercial Card – Fleet Service, 50-19

**Security Code**

- TC 90
  - TCR 0 — Incoming CTF, 90-10
  - TCR 0 — Incoming ITF, 90-21
  - TCR 0 — Outgoing CTF, 90-5
  - TCR 0 — Outgoing ITF, 90-15

**Sell Scale Factor and Rate**

- TC 56
  - TCR 0, 56-6, 56-8 to 56-11
  - TCR 1, 56-14 to 56-18, 56-20

**Sequence Number**

- TC 54
  - TCR 0, 54-5

**Service Class**

- TC 50
  - TCR 0 — Commercial Card – Passenger Itinerary Data – Leg-Specific, 50-12 to 50-13
- TC 57
  - TCR 4 — Industry-Specific Data—Passenger Itinerary Data, 57-82 to 57-83

**Service Establishment City**

- TC 57
  - TCR 2 — American Express Batch Header, 57-20
- TC 59
  - TCR 1 — American Express (Format Codes 02, 03, 05, 10, 11, 12), 59-18

**Service Establishment Number**

- TC 57
  - TCR 2 — American Express Batch Header, 57-19
- TC 59
  - TCR 1 — American Express (Format Codes 02, 03, 05, 10, 11, 12), 59-17

**Service Identifier**

- TC 50
  - TCR 0 — Commercial Card – Car Rental, 50-31
  - TCR 0 — Commercial Card – Car Rental – Line Item Detail (Item Data Elements), 50-63
  - TCR 0 — Commercial Card – Car Rental (Additional Data Elements), 50-47
  - TCR 0 — Commercial Card – Fleet Service, 50-17
  - TCR 0 — Commercial Card – General Use – Line Item Detail (Item Data Elements), 50-51
  - TCR 0 — Commercial Card – General Use (Additional Data Elements), 50-39
  - TCR 0 — Commercial Card – Generic Data, 50-23

TCR 0 — Commercial Card – Lodging,  
50-27

TCR 0 — Commercial Card – Lodging  
(Additional Data Elements), 50-43

TCR 0 — Commercial Card – Open Format  
– Text Message, 50-67

TCR 0 — Commercial Card – Passenger  
Itinerary Data, 50-7

TCR 0 — Commercial Card  
– Passenger Itinerary Data – Leg-Specific,  
50-11

TCR 0 — Commercial Card – Purchasing  
Transaction – Line Item Detail (Item  
Data Elements), 50-55

TCR 0 — Commercial Card – Purchasing  
Transaction (Additional Data Elements),  
50-35

TCR 0 — Commercial Card - Lodging -  
Line Item Detail (Item Data Elements),  
50-59

TCR 0 — Merchant Registration – Incoming,  
50-73

TCR 0 — Merchant Registration – Outgoing,  
50-77

TCR 0 — Stop Recurring Payment, 50-85

## Settlement Date

TC 57

TCR 0 — Transaction Detail, 57-27

TC 90

TCR 0 — Incoming CTF, 90-9

TCR 0 — Incoming ITF, 90-20

TCR 0 — Outgoing ITF, 90-14

## Settlement Flag

TC 52

TCR 0, 52-8

## Seventh Currency Entry

TC 56

TCR 1, 56-14

## Ship From Postal/ZIP Code

TC 50

TCR 0 — Commercial Card – Car Rental  
(Additional Data Elements), 50-48

TCR 0 — Commercial Card – General Use  
(Additional Data Elements), 50-40

TCR 0 — Commercial Card – Lodging  
(Additional Data Elements), 50-44

TCR 0 — Commercial Card – Purchasing  
Transaction (Additional Data Elements),  
50-36

## Sixth Currency Entry

TC 56

TCR 1, 56-13

## Sole Proprietor First Name

TC 50

TCR 1 — Merchant Registration, Additional  
Data, 50-82

## Sole Proprietor Last Name

TC 50

TCR 1 — Merchant Registration, Additional  
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TCR 0, 58-5

## TC 59

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TCR 2 — American Express Transaction Detail, Automobile Rental (Format Code 05), 59-25

TCR 2 — American Express Transaction Detail, General Merchandise (Format Codes 02, 03, and 10), 59-21

TCR 2 — American Express Transaction Detail, Insurance Part 1 (Format Codes 04, reserved for future use), 59-37

TCR 2 — American Express Transaction Detail, Insurance Part 2 (Format Code 04, reserved for future use), 59-41

TCR 2 — American Express Transaction Detail, Lodging (Format Code 11), 59-29

TCR 2 — American Express Transaction Detail, Restaurant (Format Code 12), 59-33

TCR 2 — American Express Transaction Detail, Telephone (Format Code 13, reserved for future use), 59-47

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### TC 52

TCR 0, 52-6

### TC 57

TCR 0 — Transaction Detail, 57-24

### TC 59

TCR 0 — Non-Visa Transaction Detail, 59-6

## Transaction Data

### TC 55

TCR 0, 55-5

TCR 1, 2 — (Outgoing Interchange), TCR 3–7 (Outgoing and Incoming), 55-11

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### TC 59

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## Transaction Identifier

### TC 57

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## Transaction Identifier (TID)

### TC 52

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## Transaction Sequence Number

### TC 57

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TCR 0 — American Express Transaction Detail, Lodging (Format Code 11), 57-44

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## Transaction Time

### TC 57

TCR 0 — Transaction Detail, 57-25

## Transaction Type

### TC 57

TCR 0 — Cardholder Transaction Detail (Korea), 57-115

TCR 0 — Transaction Detail, 57-26

### TC 59

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## Transaction Void Indicator

### TC 57

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## Transmission Route

### TC 57

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## Travel Agency Code

### TC 50

TCR 0 — Commercial Card – Passenger Itinerary Data, 50-8

### TC 57

TCR 4 — Industry-Specific  
Data—Passenger Itinerary Data,  
57-84

## Travel Agency Name

TC 57  
TCR 4 — Industry-Specific  
Data—Passenger Itinerary Data,  
57-84

## Trip Leg 1 Information

TC 50  
TCR 0 — Commercial Card  
– Passenger Itinerary Data – Leg-Specific,  
50-12  
TC 57  
TCR 4 — Industry-Specific  
Data—Passenger Itinerary Data,  
57-82

## Trip Leg 2 Information

TC 50  
TCR 0 — Commercial Card  
– Passenger Itinerary Data – Leg-Specific,  
50-13  
TC 57  
TCR 4 — Industry-Specific  
Data—Passenger Itinerary Data,  
57-82

## Trip Leg 3 Information

TC 57  
TCR 4 — Industry-Specific  
Data—Passenger Itinerary Data,  
57-83

## Trip Leg 4 Information

TC 57  
TCR 4 — Industry-Specific  
Data—Passenger Itinerary Data,  
57-83

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TC 57  
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Detail, Insurance Part 1 (Format Code  
04), 57-52  
TC 59  
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## U.S. Merchant ZIP Code

TC 52  
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## Unique VAT Invoice Reference Number

TC 50  
TCR 0 — Commercial Card – Car Rental  
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TCR 0 — Commercial Card – General Use  
(Additional Data Elements), 50-40  
TCR 0 — Commercial Card – Lodging  
(Additional Data Elements), 50-44  
TCR 0 — Commercial Card – Purchasing  
Transaction (Additional Data Elements),  
50-36  
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(Korea), 57-120

## Unit Cost

TC 50  
TCR 0 — Commercial Card – Car Rental –  
Line Item Detail (Item Data Elements),  
50-64  
TCR 0 — Commercial Card – General Use –  
Line Item Detail (Item Data Elements),  
50-52  
TCR 0 — Commercial Card – Purchasing  
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Data Elements), 50-56  
TCR 0 — Commercial Card - Lodging -  
Line Item Detail (Item Data Elements),  
50-60

## Unit of Measure/Code

TC 50  
TCR 0 — Commercial Card – Car Rental –  
Line Item Detail (Item Data Elements),  
50-64  
TCR 0 — Commercial Card – General Use –  
Line Item Detail (Item Data Elements),  
50-52  
TCR 0 — Commercial Card – Purchasing  
Transaction – Line Item Detail (Item  
Data Elements), 50-56  
TCR 0 — Commercial Card - Lodging -  
Line Item Detail (Item Data Elements),  
50-60

## Update Mode

TC 54  
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### **Valet Parking Charges**

TC 50

TCR 0 — Commercial Card – Lodging,  
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### **Validation Code**

TC 57

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Service Data, 57-75

TCR 5 — MasterCard Compliance Data,  
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### **VAT/Tax Amount**

TC 50

TCR 0 — Commercial Card – Car Rental –  
Line Item Detail (Item Data Elements),  
50-64

TCR 0 — Commercial Card – General Use –  
Line Item Detail (Item Data Elements),  
50-52

TCR 0 — Commercial Card – Purchasing  
Transaction – Line Item Detail (Item  
Data Elements), 50-56

TCR 0 — Commercial Card - Lodging -  
Line Item Detail (Item Data Elements),  
50-60

### **VAT/Tax Amount (Freight/Shipping)**

TC 50

TCR 0 — Commercial Card – Car Rental  
(Additional Data Elements), 50-49

TCR 0 — Commercial Card – General Use  
(Additional Data Elements), 50-41

TCR 0 — Commercial Card – Lodging  
(Additional Data Elements), 50-45

TCR 0 — Commercial Card – Purchasing  
Transaction (Additional Data Elements),  
50-36

### **VAT/Tax Rate**

TC 50

TCR 0 — Commercial Card – Car Rental –  
Line Item Detail (Item Data Elements),  
50-64

TCR 0 — Commercial Card – General Use –  
Line Item Detail (Item Data Elements),  
50-52

TCR 0 — Commercial Card – Purchasing  
Transaction – Line Item Detail (Item  
Data Elements), 50-56

TCR 0 — Commercial Card - Lodging -  
Line Item Detail (Item Data Elements),  
50-60

### **VAT/Tax Rate (Freight/Shipping)**

TC 50

TCR 0 — Commercial Card – Car Rental  
(Additional Data Elements), 50-49

TCR 0 — Commercial Card – General Use  
(Additional Data Elements), 50-41

TCR 0 — Commercial Card – Lodging  
(Additional Data Elements), 50-45

TCR 0 — Commercial Card – Purchasing  
Transaction (Additional Data Elements),  
50-37

### **Version Number**

TC 54

TCR 0, 54-5