**Texas**

**Standard**

**Electronic**

**Transaction**

**820\_03:**

##### MOU/EC

##### Remittance Advice

Electronic Data Interchange

ANSI ASC X12

Ver/Rel 004010

Transaction Set 820

**Texas 820\_03:**

MOU/EC Remittance Advice

This transaction set, from the Transmission Distribution Service Provider (MOU/EC TDSP) to the Competitive Retailer (CR), is used by the MOU/EC TDSP to notify the CR of payment details related to a specific CR Customer Account Number / invoice if the remittance detail is separate from the payment. If payment and remittance travel together through a financial institution, this implementation guide can be used as a baseline discussion with your financial institution. All “must use” fields in this Implementation Guide (820\_03) must be forwarded to the Financial Institution.

The MOU/EC TDSP will send the payment instruction (or check) and the remittance advice to the CR with no more than a five day difference between the payment instruction (or check) and the remittance advice. When the CR receives the remittance advice without a corresponding payment instruction or the payment instruction without a corresponding remittance advice, the CR should contact the MOU/EC TDSP to investigate.

Document Flow:

MOU/EC TDSP to CR

The Functional Acknowledgement (997) transaction set from the receiver of the originating transaction to the sender of the originating transaction, is used to acknowledge the receipt of the originating transaction and indicate whether the transaction passed ANSI X12 validation. This acknowledgement does not imply that the originating transaction passed Texas SET validation. “CR, TDSP, or ERCOT shall respond with a 997 within 24 hours of receipt of an inbound transaction.”

|  |  |  |
| --- | --- | --- |
|  |  | Summary of Changes |
|  |  |  |
| June 17th, 2002  Version 1.5 |  | The following changes were made: |
|  |  | Initial Release |
| 8/5/02 |  | Change Control 2002-353 – Corrected Implementation guide “Summary of Changes” by cleaning up previously missed or inaccurate additions to Summary of Changes: |
|  |  | * Change Control 2002-310 – Initial. |
|  |  | * Change Control 2002-353 – Updated Change Control Log to add approved Version 1.5 Change Control # 2002-310. This was previously missed at time of update of implementation guide and is needed to reflect the approved change control.” |
| 8/15/03 |  | * Change Control 2003-553 Revise the 820\_03 Implementation Guides to clarify issues surrounding the transactions. Remove Transaction Notes Page and replace with Business Process Overview. |
| May 30th, 2003  Version 1.6 |  | The following changes were made: |
|  |  | Change Control 2003-515 To correct the page headings on all pages of the 820\_03 Muni/Co-op Remittance Advice. |
| October 8, 2004  Version 2.0A |  | Change Control 2004-634:   * As per discussions at the June 04 TX SET meeting, additional language should be added to each Transaction Set to identify the requirements and required response to the 997 Functional acknowledgement – The Functional Acknowledgement (997) transaction set from the receiver of the originating transaction to the sender of the originating transaction, is used to acknowledge the receipt of the originating transaction and indicate whether the transaction passed ANSI X12 validation. This acknowledgement does not imply that the originating transaction passed Texas SET validation. “CR, TDSP, or ERCOT shall respond with a 997 within 24 hours of receipt of an inbound transaction.”   Also change was mistakenly made to remove the code “1” from the TRN (Trace) Segment in the 1.6 guide which was carried over to the 2.0 guide. |
| March 1, 2005  Version 2.1 |  | Change Control 2004-607:   * Changes to the 820\_03 transaction are needed to add data elements/segments to accommodate payment adjustments to the CR when payments are adjusted on the customer’s Muni-Co-op account due to being applied to an incorrect account, for the wrong amount, or in the case of a returned check.   Change Control 2004-675:   * Remove the BPO from the 820\_03 and add applicable information back into the appropriate segment gray boxes of the guide   Change Control 2005-683:   * Add clarity to the transaction notes section regarding the Texas Market use of characters in alphanumeric fields |
| November 30, 2010  Version 3.0A |  | Change Control 2009-729:   * Remove all examples from the TX SET Implementation guides and post them into a separate document for quicker correction and addition of new examples without a TX SET release |
| June 4, 2012  Version 4.0 |  | Change Control 2010-748:   * The purpose of this Change Control is to sync the names of the Texas SET Guide transactions, with the names of the transactions in Protocol and the Retail Market Guide. |
| TBD, 2020  TBD |  | Change Control 2020-806:   * Sync the Texas SET Implementation Guides with ERCOT Protocols in the way the Muni-Coop is abbreviated.   Change Control 2020-820   * Recipients of the Select Language Characters (Special Characters) found in the Extended Character Set of the Application Control Structure can be rejected with a 997 Reject. |

**How to Use this Implementation Guide**

This section is used to show the **X12 Rules** for this segment. You must look further into the grayboxes below for Texas Rules.

**Segment: REF Reference Identification (ESI ID)**

**Position:** 030

**Loop:** LIN Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify identifying information

**Syntax Notes:** **1** At least one of REF02 or REF03 is required.

**2** If either C04003 or C04004 is present, then the other is required.

**3** If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:** **1** REF04 contains data relating to the value cited in REF02.

**Comments:**

This section is used to show the Texas Rules for implementation of this segment.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | REF~Q5~~10111111234567890ABCDEFGHIJKLMNOPQRS |

**Data Element Summary**

One or more examples.

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | | | | **M** |  | **ID 2/3** | | |
|  | | | Code qualifying the Reference Identification | | | | | | | |
|  | | | | Q5 |  | Property Control Number | | | | |
|  | | | | | | Electric Service Identifier (ESI ID) | | | |
| **Must Use** | **REF03** | **352** | **Description** | | | | **X** |  | **AN 1/80** | | |
|  | | | A free-form description to clarify the related data elements and their content | | | | | | | |
|  | | | ESI ID | | | | | | | |

This column shows the Texas use of each data element.

This column shows the X12 attributes for each data element.

M = Mandatory

O = Optional

X = Relational

C = Conditional

AN = Alphanumeric

N# = Implied Decimal at position #

ID = Identification

R = Real

1/30 = Minimum 1, Maximum 30

These are X12 code descriptions, which often do not relate to the Texas descriptions.

X12 cannot keep up with Texas needs, thus, Texas often changes the meaningof existing codes. See the correspondinggraybox for the Texas definitions.

820 Payment Order/Remittance Advice

ANSI ASC X12 Structure

**Functional Group ID=RA**

**Introduction:**

This Draft Standard for Trial Use contains the format and establishes the data contents of the Payment Order/Remittance Advice Transaction Set (820) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to make a payment, send a remittance advice, or make a payment and send a remittance advice. This transaction set can be an order to a financial institution to make a payment to a payee. It can also be a remittance advice identifying the detail needed to perform cash application to the payee's accounts receivable system. The remittance advice can go directly from payer to payee, through a financial institution, or through a third party agent.

**Heading:**

**Pos. Seg. Req. Loop Notes and**

**No. ID Name Des. Max.Use Repeat Comments**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| M | 010 | ST | Transaction Set Header | M | 1 |  |  |  |  |  |  |  |  |
| M | 020 | BPR | Beginning Segment for Payment Order/Remittance Advice | M | 1 |  |  |  |  |  |  |  |  |
|  | 035 | TRN | Trace | O | 1 |  | c1 |  |  |  |  |  |  |
|  |  |  | LOOP ID - N1 |  |  | >1 |  |  |  |  |  |  |  |
|  | 070 | N1 | Name | O | 1 |  | c2 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Detail:**

**Pos. Seg. Req. Loop Notes and**

**No. ID Name Des. Max.Use Repeat Comments**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | LOOP ID - ENT |  |  | >1 |  |  |  |  |  |  |  |
|  | 010 | ENT | Entity | O | 1 |  | n1, c3 |  |  |  |  |  |  |
|  |  |  | LOOP ID - RMR |  |  | >1 |  |  |  |  |  |  |  |
|  | 150 | RMR | Remittance Advice Accounts Receivable Open Item Reference | O | 1 |  | c4 |  |  |  |  |  |  |
|  | 170 | REF | Reference Identification | O | >1 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Summary:**

**Pos. Seg. Req. Loop Notes and**

**No. ID Name Des. Max.Use Repeat Comments**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| M | 010 | SE | Transaction Set Trailer | M | 1 |  |  |  |  |  |  |  |  |

**Transaction Set Notes**

**1.** The ENT loop is for vendor or consumer third party consolidated payments.

**Transaction Set Comments**

**1.** The TRN segment is used to uniquely identify a payment order/remittance advice.

**2.** The N1 loop allows for name/address information for the payer and payee, which would be utilized to address remittance(s) for delivery.

**3.** ENT09 may contain the payee's accounts receivable customer number.

1. Loop RMR is for open items being referenced or for payment on account.

For use on an alphanumeric field, Texas SET recognizes all characters within the Basic Character Set. Within the Extended Character Set, Texas SET recognizes all character sets except all Select Language Characters found in Section 3.3.2 item (4) of X12 Application Control Structure. Exceptions to ANSI Standards for alphanumeric fields are noted in gray boxes of this Implementation Guide.

Receipt of the Select Language Characters found in Section 3.3.2 item (4) of the Application Control Structure may be rejected with a 997 Reject transaction by recipient.

For reference, the Select Language Characters found in Section 3.3.2 item (4) of the ANSI Standards are:

À|Á|Â|Ä|à|á|â|ä|È|É|Ê|è|é|ê|ë|Ì|Í|Î|ì|í|î|ï|Ò|Ó|Ô|Ö|ò|ó|ô|ö|Ù|Ú|Û|Ü|ù|ú|û|ü|Ç|ç|Ñ|ñ|¿|¡

**Segment: ST Transaction Set Header**

**Position:** 010

**Loop:**

**Level:** Heading

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To indicate the start of a transaction set and to assign a control number

**Syntax Notes:**

**Semantic Notes:** **1** The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | ST~820~000000001 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **ST01** | **143** | **Transaction Set Identifier Code** | | | | **M** |  | **ID 3/3** | |
|  | | | Code uniquely identifying a Transaction Set | | | | | | |
|  | | | | 820 |  | Payment Order/Remittance Advice | | | |
| **Must Use** | **ST02** | **329** | **Transaction Set Control Number** | | | | **M** |  | **AN 4/9** | |
|  | | | Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | | | | | | |

**Segment: BPR Beginning Segment for Payment Order/Remittance Advice**

**Position:** 020

**Loop:**

**Level:** Heading

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To indicate the beginning of a Payment Order/Remittance Advice Transaction Set and total payment amount, or to enable related transfer of funds and/or information from payer to payee to occur

**Syntax Notes:** **1** If either BPR06 or BPR07 is present, then the other is required.

**2** If BPR08 is present, then BPR09 is required.

**3** If either BPR12 or BPR13 is present, then the other is required.

**4** If BPR14 is present, then BPR15 is required.

**5** If either BPR18 or BPR19 is present, then the other is required.

**6** If BPR20 is present, then BPR21 is required.

**Semantic Notes:** **1** BPR02 specifies the payment amount.

**2** When using this transaction set to initiate a payment, all or some of BPR06 through BPR16 may be required, depending on the conventions of the specific financial channel being used.

BPR06 and BPR07 relate to the originating depository financial institution (ODFI).

**3** BPR08 is a code identifying the type of bank account or other financial asset.

**4** BPR09 is the account of the company originating the payment. This account may be debited or credited depending on the type of payment order.

**5** BPR12 and BPR13 relate to the receiving depository financial institution (RDFI).

**6** BPR14 is a code identifying the type of bank account or other financial asset.

**7** BPR15 is the account number of the receiving company to be debited or credited with the payment order.

**8** BPR16 is the date the originating company intends for the transaction to be settled (i.e., Payment Effective Date).

**9** BPR17 is a code identifying the business reason for this payment.

**10** BPR18, BPR19, BPR20 and BPR21, if used, identify a third bank identification number and account to be used for return items only.

**11** BPR20 is a code identifying the type of bank account or other financial asset.

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | The 820\_03 remittance advice will be sent on a daily basis as payments are received by the MOU/EC TDSP from a CR's customers and will include all applicable CR customer payments and adjustments as outlined in the guides as long as the adjustments are not larger than the payments.  The remittance advice total, which is a sum of all CR Customer Account payments, must match the total payment sent to the bank. The MOU/EC TDSP must ensure that the remittance advice and the payment instruction have the same (matching) trace/reference number. The CR cannot match a remittance advice trace/reference number to a payment when a payment is not made through the bank with the same trace/reference number.  The only acceptable payment methods in the Texas Market are CCD+, CTX, Fed Wire, Check |
|  |  | Required |
|  |  | BPR~I~1000.00~C~FWT~~~~~~~~~~~~20020326 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **BPR01** | **305** | **Transaction Handling Code** | | | | **M** |  | **ID 1/2** | | |
|  | | | Code designating the action to be taken by all parties | | | | | | | |
|  | | | | I |  | Remittance Information Only | | | | |
| **Must Use** | **BPR02** | **782** | **Monetary Amount** | | | | **M** |  | **R 1/18** | | |
|  | | | Monetary amount | | | | | | | |
|  | | | The total positive amount being moved through the ACH system or paid via check. The Header Position 020 BPR02 element must equal the sum of all Detail Position 150 RMR04 elements.  Designated as a 'R'eal number. Do not include commas or plus signs. Leading zeroes should be suppressed unless needed to satisfy the minimum length. Trailing zeroes at the end should be omitted if the value includes a decimal point. Signs and decimal points do not count toward length. Monetary amount is sent with a maximum of two digits to the right of the decimal point. The BPR02 cannot be negative.  A negative Remittance Advice is not allowed in the Texas Market. If the adjustments are larger than the payments (creating a negative remittance advice), payment must be held until the MOU/EC TDSP can submit a net positive Remittance Advice. | | | | | | | |
| **Must Use** | **BPR03** | **478** | **Credit/Debit Flag Code** | | | | **M** |  | **ID 1/1** | | |
|  | | | Code indicating whether amount is a credit or debit | | | | | | | |
|  | | | | C |  | Credit | | | | |
| **Must Use** | **BPR04** | **591** | **Payment Method Code** | | | | **M** |  | **ID 3/3** | | |
|  | | | Code identifying the method for the movement of payment instructions | | | | | | | |
|  | | | | ACH |  | Automated Clearing House (ACH) | | | | |
|  | | | | | | CCD+: The method of re-associating payments and remittance information that originate separately provides for a reference number created by the MOU/EC TDSP. The MOU/EC TDSP is required to provide an addenda record with a trace or reference number that travels with payment through the bank. The CCD+ supports this requirement by allowing an 80 character Addenda Record. The addenda record carries the MOU/EC TDSP originated reference number. The ACH system passes this addenda record to the TDSP's banking institution. The CRs banking institution posts the payment to the CR's bank account with this reference number. | | | |
|  | | | | CHK |  | Check | | | | |
|  | | | | FEW |  | Federal Reserve Funds/Wire Transfer - Repetitive | | | | |
|  | | | | FWT |  | Federal Reserve Funds/Wire Transfer - Nonrepetitive | | | | |
| **Must Use** | **BPR16** | **373** | **Date** | | | | **O** |  | **DT 8/8** | | |
|  | | | Date expressed as CCYYMMDD | | | | | | | |
|  | | | The date the originating company intends for the transaction to be settled (i.e., Payment Effective Date). | | | | | | | |

**Segment: TRN Trace**

**Position:** 035

**Loop:**

**Level:** Heading

**Usage:** Optional (Must Use)

**Max Use:** 1

**Purpose:** To uniquely identify a transaction to an application

**Syntax Notes:**

**Semantic Notes:** **1** TRN02 provides unique identification for the transaction.

**2** TRN03 identifies an organization.

**3** TRN04 identifies a further subdivision within the organization.

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required  The Addenda Record on a CCD+ transaction, the OBI Field on the Fed Wire transaction, or the trace reference number of the MOU/EC TDSP's check are required to reconcile the payment with the Remittance Advice when they are transmitted via separate methods. (e.g. payment via bank and remittance advice via NAESB)  A one to one correlation must be maintained between payment to the bank and the corresponding remittance advice to the CR. Every payment trace/reference number sent via the bank must match a remittance advice trace/reference number sent to the CR. It is not acceptable for several payments sent via the bank to reference one remittance advice or several remittance advices to one payment. The trace/reference number must be unique for each associated payment and remittance advice. |
|  |  | TRN~3~UCP103941 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **TRN01** | **481** | **Trace Type Code** | | | | **M** |  | **ID 1/2** | | |
|  | | | Code identifying which transaction is being referenced | | | | | | | |
|  | | | | 1 |  | Current Transaction Trace Numbers | | | | |
|  | | | | | | Generated by the Bank to trace the transaction via the ACH | | | |
|  | | | | 3 |  | Financial Reassociation Trace Number | | | | |
|  | | | | | | Used to reconcile the Funds Transferred to the Remittance Detail sent in the separate 820 transaction. | | | |
| **Must Use** | **TRN02** | **127** | **Reference Identification** | | | | **M** |  | **AN 1/30** | | |
|  | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | | | | |
|  | | | Unique Number identifying this remittance advice (820\_03), used to associate the remittance advice to the payment instruction sent to the bank or the MOU/EC TDSP's check.  Transaction Reference numbers will only contain uppercase letters (A to Z) and digits (0 to 9), and must be left justified. Note that punctuation (spaces, dashes, etc.) must be excluded  Positions 16-45 of the Addenda Record or OBI Field are reserved for trace/reference number and must match the TRN02 value exactly. It is not required to provide the entire 30 characters, nor is it required to pad the field with trailing spaces when all 30 characters are not provided. The trace/reference number is generated from the MOU/EC TDSP's system and is not the trace/reference number received from the MOU/EC TDSP's financial institution. Providing this unique entity identifier in the Addenda Record or OBI Field is required to apply payments to the correct MOU/EC TDSP, to the correct CR customer account, and in the correct amount. | | | | | | | |

**Segment: N1 Name (Payee)**

**Position:** 070

**Loop:** N1 Optional (Must Use)

**Level:** Heading

**Usage:** Optional (Must Use)

**Max Use:** 1

**Purpose:** To identify a party by type of organization, name, and code

**Syntax Notes:** **1** At least one of N102 or N103 is required.

**2** If either N103 or N104 is present, then the other is required.

**Semantic Notes:**

**Comments:** **1** This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

**2** N105 and N106 further define the type of entity in N101.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | N1~PE~PAYEE COMPANY~1~007191969 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **N101** | **98** | **Entity Identifier Code** | | | | **M** |  | **ID 2/3** | | |
|  | | | Code identifying an organizational entity, a physical location, property or an individual | | | | | | | |
|  | | | | PE |  | Payee | | | | |
|  | | | | | | Receiver of the payment/remittance advice. | | | |
| **Must Use** | **N102** | **93** | **Name** | | | | **X** |  | **AN 1/60** | | |
|  | | | Free-form name | | | | | | | |
|  | | | Payee Name | | | | | | | |
| **Must Use** | **N103** | **66** | **Identification Code Qualifier** | | | | **X** |  | **ID 1/2** | | |
|  | | | Code designating the system/method of code structure used for Identification Code (67) | | | | | | | |
|  | | | | 1 |  | D-U-N-S Number, Dun & Bradstreet | | | | |
|  | | | | 9 |  | D-U-N-S+4, D-U-N-S Number with Four Character Suffix | | | | |
| **Must Use** | **N104** | **67** | **Identification Code** | | | | **X** |  | **AN 2/80** | | |
|  | | | Code identifying a party or other code | | | | | | | |
|  | | | Payee D-U-N-S Number or D-U-N-S + 4 Number | | | | | | | |

**Segment: N1 Name (Payer)**

**Position:** 070

**Loop:** N1 Optional (Must Use)

**Level:** Heading

**Usage:** Optional (Must Use)

**Max Use:** 1

**Purpose:** To identify a party by type of organization, name, and code

**Syntax Notes:** **1** At least one of N102 or N103 is required.

**2** If either N103 or N104 is present, then the other is required.

**Semantic Notes:**

**Comments:** **1** This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

**2** N105 and N106 further define the type of entity in N101.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required  When sending payments to the bank, positions 1-15 of the Addenda Record and OBI field are reserved for the N104. If sending 9 digit DUNS number in the Addenda Record or OBI field, zeroes must be used to pad the field positions 10-15 of the payment sent to the bank. If sending a 13 digit DUNS Number (DUNS+4) in the Addenda Record or OBI field, zeroes must be used to pad the field positions 14-15. This information must be left justified in the Addenda Record or OBI field, and cannot contain punctuation. |
|  |  | N1~PR~PAYER CO~9~0079111957CRN1 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **N101** | **98** | **Entity Identifier Code** | | | | **M** |  | **ID 2/3** | | |
|  | | | Code identifying an organizational entity, a physical location, property or an individual | | | | | | | |
|  | | | | PR |  | Payer | | | | |
|  | | | | | | Initiator of the payment/remittance advice  MOU/EC TDSP will be the PR in a consolidated billing relationship. | | | |
| **Must Use** | **N102** | **93** | **Name** | | | | **X** |  | **AN 1/60** | | |
|  | | | Free-form name | | | | | | | |
|  | | | Payer Name | | | | | | | |
| **Must Use** | **N103** | **66** | **Identification Code Qualifier** | | | | **X** |  | **ID 1/2** | | |
|  | | | Code designating the system/method of code structure used for Identification Code (67) | | | | | | | |
|  | | | | 1 |  | D-U-N-S Number, Dun & Bradstreet | | | | |
|  | | | | 9 |  | D-U-N-S+4, D-U-N-S Number with Four Character Suffix | | | | |
| **Must Use** | **N104** | **67** | **Identification Code** | | | | **X** |  | **AN 2/80** | | |
|  | | | Code identifying a party or other code | | | | | | | |
|  | | | Payer D-U-N-S Number or D-U-N-S + 4 Number | | | | | | | |

**Segment: ENT Entity**

**Position:** 010

**Loop:** ENT Optional (Must Use)

**Level:** Detail

**Usage:** Optional (Must Use)

**Max Use:** 1

**Purpose:** To designate the entities which are parties to a transaction and specify a reference meaningful to those entities

**Syntax Notes:** **1** If any of ENT02 ENT03 or ENT04 is present, then all are required.

**2** If any of ENT05 ENT06 or ENT07 is present, then all are required.

**3** If either ENT08 or ENT09 is present, then the other is required.

**Semantic Notes:**

**Comments:** **1** This segment allows for the grouping of data by entity/entities at or within a master/masters. A master (e.g., an organization) can be comprised of numerous subgroups (e.g., entities). This master may send grouped data to another master (e.g., an organization) which is comprised of one or more entities. Groupings are as follows:

(1) Single/Single: Only ENT01 is necessary, because there is a single entity (the sending master) communicating with a single entity (the receiving master).

(2) Single/Multiple: ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master. The sending master is a single entity, so no other data elements need be used.

(3) Multiple/Single: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. The receiving master is a single entity, so no other data elements need be used.

(4) Multiple/Multiple: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master.

This segment also allows for the transmission of a unique reference number that is meaningful between the entities.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required - There will only be one ENT Loop per 820. |
|  |  | ENT~1 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **ENT01** | **554** | **Assigned Number** | **O** |  | **N0 1/6** | |
|  | | | Number assigned for differentiation within a transaction set | | | |

**Segment: RMR Remittance Advice Accounts Receivable Open Item Reference**

**Position:** 150

**Loop:** RMR Optional (Must Use)

**Level:** Detail

**Usage:** Optional (Must Use)

**Max Use:** 1

**Purpose:** To specify the accounts receivable open item(s) to be included in the cash application and to convey the appropriate detail

**Syntax Notes:** **1** If either RMR01 or RMR02 is present, then the other is required.

**2** If either RMR07 or RMR08 is present, then the other is required.

**Semantic Notes:** **1** If RMR03 is present, it specifies how the cash is to be applied.

**2** RMR04 is the amount paid.

**3** RMR05 is the amount of invoice (including charges, less allowance) before terms discount (if discount is applicable) or debit amount or credit amount of referenced items.

**4** RMR06 is the amount of discount taken.

**5** RMR08, if present, represents an interest penalty payment, amount late interest paid, or amount anticipation.

**Comments:** **1** Parties using this segment should agree on the content of RMR01 and RMR02 prior to initiating communication.

**2** If RMR03 is not present, this is a payment for an open item. If paying an open item, RMR02 must be present. If not paying a specific open item, RMR04 must be present.

**3** RMR05 may be needed by some payees to distinguish between duplicate reference numbers.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | RMR~11~123455D20020427~PO~1000.00  RMR~11~3965716927~AJ~-95.00~~~CS~-95.00 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **RMR01** | **128** | **Reference Identification Qualifier** | | | | **X** |  | **ID 2/3** | | |
|  | | | Code qualifying the Reference Identification | | | | | | | |
|  | | | | 11 |  | Account Number | | | | |
| **Must Use** | **RMR02** | **127** | **Reference Identification** | | | | **X** |  | **AN 1/30** | | |
|  | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | | | | |
|  | | | CR Customer Account Number | | | | | | | |
| **Must Use** | **RMR03** | **482** | **Payment Action Code** | | | | **O** |  | **ID 2/2** | | |
|  | | | Code specifying the accounts receivable open item(s), if any, to be included in the cash application. | | | | | | | |
|  | | | | AJ |  | Adjustment | | | | |
|  | | | | | | Adjustment of a previous payment | | | |
|  | | | | PO |  | Payment on Account | | | | |
| **Must Use** | **RMR04** | **782** | **Monetary Amount** | | | | **O** |  | **R 1/18** | | |
|  | | | Monetary amount | | | | | | | |
|  | | | Payment or adjustment amount - the sum of all Detail Position 150 RMR04 elements must equal the amount in Header Position 020 BPR02.  i.e. $100.95 = 100.95  $0.95 = .95  $95.00 = 95 or 95.00  $95.50 = 95.5 or 95.50  Designated as a 'R'eal number. Do not include commas or plus signs. Leading zeroes should be suppressed unless needed to satisfy the minimum length. Trailing zeroes at the end should be omitted if the value includes a decimal point. Signs and decimal points do not count toward length. Monetary amount is sent with a maximum of two digits to the right of the decimal point. | | | | | | | |
|  | | | Amount Received from Customer | | | | | | | |
|  | **RMR07** | **426** | **Adjustment Reason Code** | | | | **X** |  | **ID 2/2** | | |
|  | | | Code indicating reason for debit or credit memo or adjustment to invoice, debit or credit memo, or payment | | | | | | | |
|  | | | RMR07 is the adjustment reason and is required when RMR03 = 'AJ'. Otherwise, not used. | | | | | | | |
|  | | | | 26 |  | Invoice Cancelled | | | | |
|  | | | | 72 |  | Authorized Return | | | | |
|  | | | | 86 |  | Duplicate Payment | | | | |
|  | | | | AT |  | Account Closed | | | | |
|  | | | | BD |  | Bad Debt Adjustment | | | | |
|  | | | | CS |  | Adjustment | | | | |
|  | | | | IF |  | Insufficient Funds | | | | |
|  | **RMR08** | **782** | **Monetary Amount** | | | | **O** |  | **R 1/18** | | |
|  | | | Adjustment amount | | | | | | | |
|  | | | RMR08 is the adjustment amount and is required when RMR03 = 'AJ'. Otherwise, not used.  The adjustment amount must be signed if negative. The amount in RMR04 will always be the same as the amount in RMR08. The adjustment amount is only populated if there is an adjustment to be made (RMR03 = 'AJ').  i.e. $100.95 = 100.95  $0.95 = .95  $95.00 = 95 or 95.00  $95.50 = 95.5 or 95.50 | | | | | | | |

**Segment: REF Reference Identification (ESI ID)**

**Position:** 170

**Loop:** RMR Optional (Must Use)

**Level:** Detail

**Usage:** Optional (Must Use)

**Max Use:** >1

**Purpose:** To specify identifying information

**Syntax Notes:** **1** At least one of REF02 or REF03 is required.

**2** If either C04003 or C04004 is present, then the other is required.

**3** If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:** **1** REF04 contains data relating to the value cited in REF02.

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | REF~Q5~~10111111234567890ABCDEFGHIJKLMNOPQRS |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | | | | **M** |  | **ID 2/3** | | |
|  | | | Code qualifying the Reference Identification | | | | | | | |
|  | | | | Q5 |  | Property Control Number | | | | |
|  | | | | | | Electric Service Identifier (ESI ID) | | | |
| **Must Use** | **REF03** | **352** | **Description** | | | | **X** |  | **AN 1/80** | | |
|  | | | A free-form description to clarify the related data elements and their content | | | | | | | |
|  | | | ESI ID | | | | | | | |

**Segment: SE Transaction Set Trailer**

**Position:** 010

**Loop:**

**Level:** Summary

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

**Syntax Notes:**

**Semantic Notes:**

**Comments:** **1** SE is the last segment of each transaction set.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | SE~28~000000001 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **SE01** | **96** | **Number of Included Segments** | **M** |  | **N0 1/10** | |
|  | | | Total number of segments included in a transaction set including ST and SE segments | | | |
| **Must Use** | **SE02** | **329** | **Transaction Set Control Number** | **M** |  | **AN 4/9** | |
|  | | | Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | | | |