



# An EIDX Convention for Electronic Data Interchange

Transaction Set

# 820

## Payment Order/Remittance Advice

Functional Group ID = RA  
X12 Version 004 Release 010

December 2002

**Revision History**

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## INTRODUCTION

This section provides the necessary information to enable trading partners to utilize the ASC X12 standards for the exchange of electronic business documents within the electronics industry.

### Hyperlinks in this document

This document contains hyperlinks to pages on the EIDX web site as well as hyperlinks to off-site web pages.

**EIDX Site Pages.** EIDX makes every effort to keep the structure of the site stable and to keep hyperlinks working. However, content does change, and some hyperlinks to [www.eidx.org](http://www.eidx.org) in this document may not work; hyperlinks may not work in the Portable Document Format (.pdf) representations. Navigation aids are provided on the site that may help you to find what you are looking for, as well as a search form. Go to the Publications link on the home page to get started. Use the link on the web site to contact EIDX for further information.

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## Abbreviations and Notations

The navigation menu in the EIDX web site Publications area includes links to [Methodology and Legends for EIDX Models](#), the [EIDX Glossary](#) and the [EIDX Acronyms and Abbreviations](#)<sup>1</sup> collection.

## General Recommendations and Best Practices

Recommendations and best practices that apply to all business processes, including recommendations for product identification and partner identification, are found in [EIDX Business Models – General Support](#)

## Additional References

EIDX Scenarios and Component Models index at <http://www.eidx.org/publications/>:

- [Financial Scenarios](#)

EIDX Supporting Documentation:

- Contained within models

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<sup>1</sup> <http://www.eidx.org/publications/abbrev/>

## OVERVIEW

### 1. FUNCTIONAL DEFINITION

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.

### 2. CONSIDERATIONS

N/A.

### 3. TRADING PARTNERS

1. Any sender to any receiver.

### 4. EIDX BUSINESS MODELS

This is a simple recast/version upgrade of an existing EIDX guideline. Business models were not re-evaluated. For current listing of applicable business processes, see the Cross-Reference of Business Models and Business Documents at [http://www.eidx.org/publications/xref\\_process.html](http://www.eidx.org/publications/xref_process.html).

### 5. FIELD OF APPLICATION

This transaction may be applied for both national and international trade. It is based on universal commercial practice and is not dependent on the type of business or industry.

## 6. FORMAT

The transmission in the ASC X12 format uses two required envelopes. One is the ISA Interchange Control Header Segment, which starts and identifies an interchange of zero or more functional groups and interchange-related control segments. The ISA includes the sender's mailbox address and a receiver's mailbox address, and specifies which delimiter (a/k/a control, service) characters (data element separator, component element separator and data segment terminator) are being used.

There are no default service characters reserved for use in ASC X12. Allowable service characters should be discussed between trading partners.

The second required envelope is GS Functional Group Header, which indicates the beginning of a functional group and provides group level control information. The GS segment includes functional group level sender and receiver addresses, typically used by the trading partner(s) for internal routing. The GS also includes the GS08 ASC X12 Version/Release/Industry Identifier Code. EIDX does not recommend the use of an Industry Identifier code.

The functional groups are analogous to batches of like documents, i.e. purchase orders, invoices, etc. Each functional group contains one or more transaction sets (electronic documents).

Each transaction set is an ordered collection of segments.

Each segment is an ordered collection of data elements. Each segment has been assigned a two or three character identifier. This identifier marks the beginning of each segment. Each element within the segment is separated by a data element delimiter. EIDX recommends the use of the asterisk (\*) character as a data element delimiter. A segment terminator character is used to mark the end of a segment.

Any shaded areas indicate EIDX recommended usage and comment.

7. ATTRIBUTES

Each data element has three ANSI attributes: Element usage, element type and minimum/maximum length. EIDX has additional usage indicated for optional segments and elements which are noted in the following table.

MARGIN	ATTRIBUTE	DE NOTE	MEANING
Must Use	M (Mandatory)	N/A	If a segment, composite, or stand alone data element is mandatory according to the standard, EIDX cannot change the mandatory status on that component.  <i>DATA ELEMENT within a COMPOSITE:</i> A data element within a composite is mandatory only if the composite is used.
X	C or X (Conditional) or O (Optional)	No note or NOT USED	EIDX has determined no value in supplying the composite or data element; hence, it need not be generated.
Blank	C or X (Conditional) or O (Optional)	REQUIRED	EIDX members agree that the data concerned must be sent.
Blank	C or X (Conditional) or O (Optional)	No note	Indicates that EIDX makes no recommendation regarding usage. The trading partners must agree on usage.
Blank	C or X (Conditional) or O (Optional)	ADVISED	EIDX has determined value in supplying the data element; hence, it should be generated.
Blank	C or X (Conditional) or O (Optional)	DEPENDING	Data must be sent if a particular defined condition or set of conditions exist. The associated conditions must be explained at the appropriate level of detail.



## 8. CHANGES FROM VERSION 3010

Only segments, elements or codes used by EIDX are listed. Some fields which have increased in maximum length are not listed.

- All date fields changed from 6/6 (YYMMDD) to 8/8 (CCYYMMDD)
- Changes made to bring transaction into conformance with Product and Other ID supporting document; miscellaneous changes to code lists and notes.
- Per Product and Other ID support document, added codes to DE 98 and DE 66 code lists (used in N1 segment).
- Per Product and Other ID support document, changed N2, N3 and N4 segments to 'Used'
- Per Product and Other ID support document added code 'EM' Electronic Mail to DE 365 (used in PER03).
- Max length of DE 93 Name (used in N102) changed from 35 to 60
- Max length of DE 67 Identification Code (used in N104) changed from 17 to 80
- BPR segment replaces BPS segment. BPR03 DE 478 Credit/Debit Flag Code did not exist in 3020 BPS, and is required in 4010 BPR.
- RMT segment is replaced by RMR segment. Please note that notes in standard are specific about what each occurrence of DE 782 Monetary Amount should contain:

- 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.

Could find no equivalent on RMR or within that loop for DE 778 Amount Subject to Terms Discount and DE 779 Discounted Amount Due. RMR08 cannot be used for either of these per Semantic Note 8 for the RMR segment. It looks like in the past, RMT was used for both adjustments related to discount, and adjustments other than discounts. Now, RMR should be only for adjustments related to discount, and ADX loop within RMR loop is for Adjustments other than discount. Code list for adjustment reason has been duplicated in both, and segment notes and adjustment codes need to be modified to reflect differences in usage between RMR and ADX. Also, where a Monetary amount is needed for which there is no place on the RMR or ADX, notes should be added indicating how that amount is calculated (e.g. RMT08 was used for difference between amount paid and amount of invoice, but RMR08 cannot be used that way.) This difference amount can be calculated by the recipient.

## SEGMENT TABLES

### 820 Payment Order/Remittance Advice – List of Used and Not Used Segments

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BPR	Beginning Segment for Payment Order/Remittance Advice	M	1		
Not Used	030	NTE	Note/Special Instruction	O	>1		
Not Used	035	TRN	Trace	O	1		c1
	040	CUR	Currency	O	1		c2
	050	REF	Reference Identification	O	>1		
	060	DTM	Date/Time Reference	O	>1		
LOOP ID – N1						>1	
	070	N1	Name	O	1		c3
	080	N2	Additional Name Information	O	>1		
	090	N3	Address Information	O	>1		
	100	N4	Geographic Location	O	1		
Not Used	110	REF	Reference Identification	O	>1		
	120	PER	Administrative Communications Contact	O	>1		
Not Used	130	RDM	Remittance Delivery Method	O	1		
Not Used	140	DTM	Date/Time Reference	O	1		

#### Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID – ENT						>1	
	010	ENT	Entity	O	1		n1, c4
LOOP ID – NM1						>1	
Not Used	020	NM1	Individual or Organizational Name	O	1		c5
Not Used	030	N2	Additional Name Information	O	>1		
Not Used	040	N3	Address Information	O	>1		
Not Used	050	N4	Geographic Location	O	1		
Not Used	060	REF	Reference Identification	O	>1		
Not Used	070	PER	Administrative Communications Contact	O	>1		
LOOP ID – ADX						>1	
Not Used	080	ADX	Adjustment	O	1		c6
Not Used	090	NTE	Note/Special Instruction	O	>1		
Not Used	100	PER	Administrative Communications Contact	O	>1		
Not Used	105	DTM	Date/Time Reference	O	1		
LOOP ID – REF						>1	
Not Used	110	REF	Reference Identification	O	1		
Not Used	120	DTM	Date/Time Reference	O	>1		
LOOP ID – IT1						>1	
Not Used	130	IT1	Baseline Item Data (Invoice)	O	1		c7
LOOP ID – REF						>1	
Not Used	140	REF	Reference Identification	O	1		

Not Used	141	DTM	Date/Time Reference	0	1	
LOOP ID - SAC >1						
Not Used	142	SAC	Service, Promotion, Allowance, or Charge Information	0	1	
Not Used	143	TXI	Tax Information	0	>1	
LOOP ID - SLN >1						
Not Used	144	SLN	Subline Item Detail	0	1	
LOOP ID - REF >1						
Not Used	145	REF	Reference Identification	0	1	
Not Used	146	DTM	Date/Time Reference	0	>1	
LOOP ID - SAC >1						
Not Used	147	SAC	Service, Promotion, Allowance, or Charge Information	0	1	
Not Used	148	TXI	Tax Information	0	>1	
LOOP ID - RMR >1						
	150	RMR	Remittance Advice Accounts Receivable Open Item Reference	0	1	c8
Not Used	160	NTE	Note/Special Instruction	0	>1	
	170	REF	Reference Identification	0	>1	
Not Used	180	DTM	Date/Time Reference	0	>1	
LOOP ID - IT1 >1						
Not Used	190	IT1	Baseline Item Data (Invoice)	0	1	c9
LOOP ID - REF >1						
Not Used	200	REF	Reference Identification	0	1	
Not Used	201	DTM	Date/Time Reference	0	1	
LOOP ID - SAC >1						
Not Used	202	SAC	Service, Promotion, Allowance, or Charge Information	0	1	
Not Used	203	TXI	Tax Information	0	>1	
LOOP ID - SLN >1						
Not Used	204	SLN	Subline Item Detail	0	1	
LOOP ID - REF >1						
Not Used	205	REF	Reference Identification	0	1	
Not Used	206	DTM	Date/Time Reference	0	>1	
LOOP ID - SAC >1						
Not Used	207	SAC	Service, Promotion, Allowance, or Charge Information	0	1	
Not Used	208	TXI	Tax Information	0	>1	
LOOP ID - ADX >1						
	210	ADX	Adjustment	0	1	c10
Not Used	220	NTE	Note/Special Instruction	0	>1	
Not Used	230	PER	Administrative Communications Contact	0	>1	
LOOP ID - REF >1						
Not Used	240	REF	Reference Identification	0	1	
Not Used	250	DTM	Date/Time Reference	0	>1	
LOOP ID - IT1 >1						
Not Used	260	IT1	Baseline Item Data (Invoice)	0	1	c11
LOOP ID - REF >1						
Not Used	270	REF	Reference Identification	0	1	
Not Used	271	DTM	Date/Time Reference	0	1	

			LOOP ID – SAC		>1	
Not Used	272	SAC	Service, Promotion, Allowance, or Charge Information	0	1	
Not Used	273	TXI	Tax Information	0	>1	
			LOOP ID – SLN		>1	
Not Used	274	SLN	Subline Item Detail	0	1	
			LOOP ID – REF		>1	
Not Used	275	REF	Reference Identification	0	1	
Not Used	276	DTM	Date/Time Reference	0	>1	
			LOOP ID – SAC		>1	
Not Used	277	SAC	Service, Promotion, Allowance, or Charge Information	0	1	
Not Used	278	TXI	Tax Information	0	>1	
			LOOP ID – TXP		>1	
Not Used	280	TXP	Tax Payment	0	1	n2
Not Used	285	TXI	Tax Information	0	>1	
			LOOP ID – DED		>1	
Not Used	287	DED	Deductions	0	1	n3
			LOOP ID – LX		>1	
Not Used	290	LX	Assigned Number	0	1	n4
Not Used	295	REF	Reference Identification	0	>1	
Not Used	300	TRN	Trace	0	>1	
			LOOP ID – NM1		>1	
Not Used	305	NM1	Individual or Organizational Name	0	1	
Not Used	310	REF	Reference Identification	0	>1	
Not Used	315	G53	Maintenance Type	0	1	
			LOOP ID – AIN		>1	
Not Used	320	AIN	Income	0	1	
Not Used	325	QTY	Quantity	0	>1	
Not Used	330	DTP	Date or Time or Period	0	>1	
			LOOP ID – PEN		>1	
Not Used	335	PEN	Pension Information	0	1	
Not Used	340	AMT	Monetary Amount	0	>1	
Not Used	345	DTP	Date or Time or Period	0	>1	
			LOOP ID – INV		>1	
Not Used	350	INV	Investment Vehicle Selection	0	1	
Not Used	355	DTP	Date or Time or Period	0	>1	
			LOOP ID – N9		1	
Not Used	360	N9	Reference Identification	0	1	n5
			LOOP ID – AMT		>1	
Not Used	370	AMT	Monetary Amount	0	1	c12
Not Used	380	REF	Reference Identification	0	>1	
			LOOP ID – N1		>1	
Not Used	390	N1	Name	0	1	
Not Used	400	REF	Reference Identification	0	>1	
			LOOP ID – EMS		>1	
Not Used	410	EMS	Employment Position	0	1	
Not Used	420	ATN	Attendance	0	>1	
Not Used	430	AIN	Income	0	>1	
Not Used	440	PYD	Payroll Deduction	0	>1	

			LOOP ID – RYL			>1	
Not Used	450	RYL	Royalty Payment	O	1		n6
			LOOP ID – NM1			>1	
Not Used	460	NM1	Individual or Organizational Name	O	1		
			LOOP ID – LOC			>1	
Not Used	470	LOC	Location	O	1		
			LOOP ID – PID			>1	
Not Used	480	PID	Product/Item Description	O	1		
Not Used	490	DTM	Date/Time Reference	O	1		
			LOOP ID – PCT			>1	
Not Used	500	PCT	Percent Amounts	O	1		
Not Used	510	QTY	Quantity	O	1		
			LOOP ID – AMT			>1	
Not Used	520	AMT	Monetary Amount	O	1		
Not Used	530	ADX	Adjustment	O	>1		
			LOOP ID – ASM			1	
Not Used	540	ASM	Amount and Settlement Method	O	1		
Not Used	550	ADX	Adjustment	O	1		

**Summary:**

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	SE	Transaction Set Trailer	M	1		

### Transaction Set Notes

1. The ENT loop is for vendor or consumer third party consolidated payments.
2. The TXP loop is for tax payments.
3. The DED loop is for child support payments.
4. The LX loop is for pension payments.
5. The N9 loop is for payroll payments.
6. The RYL loop is for royalty payments.

### Transaction Set Comments

1. The TRN segment is used to uniquely identify a payment order/remittance advice.
2. The CUR segment does not initiate a foreign exchange transaction.
3. The N1 loop allows for name/address information for the payer and payee which would be utilized to address remittance(s) for delivery.
4. ENT09 may contain the payee's accounts receivable customer number.
5. Allowing the NM1 segment to repeat in this area allows the paying entity within a payer and the paid entity within a payee to be identified (not the payer and payee).
6. This ADX loop contains adjustment items which are not netted to an RMR segment in this transaction set.
7. Loop IT1 within the ADX loop is the adjustment line item detail loop.
8. Loop RMR is for open items being referenced or for payment on account.
9. Loop IT1 within the RMR loop is the remittance line item detail loop.
10. This ADX loop can only contain adjustment information for the immediately preceding RMR segment and affects the amount (RMR04) calculation. If this adjustment amount is not netted to the immediately preceding RMR, use the outer ADX loop (position 080).
11. Loop IT1 within the ADX loop is the adjustment line item detail loop.
12. The AMT segment can be used to provide information about allocation or distribution of gross pay that is split across multiple payment orders.

**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:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
<b>Must Use</b>	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set 820 Payment Order/Remittance Advice	
<b>Must Use</b>	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:** BPS06 through BPS07, BPS09, BPS12 – BPS13, and BPS15 – BPS16 are required only on transactions involving a financial institution.



Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	BPR01	305	<b>Transaction Handling Code</b>  Code designating the action to be taken by all parties C Payment Accompanies Remittance Advice D Make Payment Only I Remittance Information Only U Split Payment and Remittance	M ID 1/2
Must Use	BPR02	782	<b>Monetary Amount</b>  Monetary amount	M R 1/18
Must Use	BPR03	478	<b>Credit/Debit Flag Code</b>  Code indicating whether amount is a credit or debit Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 1/1
Must Use	BPR04	591	<b>Payment Method Code</b>  Code identifying the method for the movement of payment instructions Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 3/3
Not Used	BPR05	812	<b>Payment Format Code</b>  Code identifying the payment format to be used Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/10
	BPR06	506	<b>(DFI) ID Number Qualifier</b> Code identifying the type of identification number of Depository Financial Institution (DFI) Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2
	BPR07	507	<b>(DFI) Identification Number</b> Depository Financial Institution (DFI) identification number	X AN 3/12
Not Used	BPR08	569	<b>Account Number Qualifier</b>  Code indicating the type of account Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/3
	BPR09	508	<b>Account Number</b> Account number assigned	X AN 1/35
Not Used	BPR10	509	<b>Originating Company Identifier</b>  A unique identifier designating the company initiating the funds transfer instructions. The first character is one-digit ANSI identification code designation (ICD) followed by the nine-digit identification number which may be an IRS employer identification number (EIN), data universal numbering system (DUNS), or a user assigned number; the ICD for an EIN is 1, DUNS is 3, user assigned number is 9	O AN 10/10

Not Used	BPR11	510	<b>Originating Company Supplemental Code</b>	O AN 9/9
			A code defined between the originating company and the originating depository financial institution (ODFI) that uniquely identifies the company initiating the transfer instructions	
	BPR12	506	<b>(DFI) ID Number Qualifier</b>	X ID 2/2
			Code identifying the type of identification number of Depository Financial Institution (DFI)	
		01	ABA Transit Routing Number Including Check Digits (9 digits)	
	BPR13	507	<b>(DFI) Identification Number</b>	X AN 3/12
			Depository Financial Institution (DFI) identification number	
Not Used	BPR14	569	<b>Account Number Qualifier</b>	O ID 1/3
			Code indicating the type of account Refer to 004010 Data Element Dictionary for acceptable code values.	
	BPR15	508	<b>Account Number</b>	X AN 1/35
			Account number assigned	
	BPR16	373	<b>Date</b>	O DT 8/8
			Date expressed as CCYYMMDD	
Not Used	BPR17	1048	<b>Business Function Code</b>	O ID 1/3
			Code identifying the business reason for this payment Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	BPR18	506	<b>(DFI) ID Number Qualifier</b>	X ID 2/2
			Code identifying the type of identification number of Depository Financial Institution (DFI) Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	BPR19	507	<b>(DFI) Identification Number</b>	X AN 3/12
			Depository Financial Institution (DFI) identification number	
Not Used	BPR20	569	<b>Account Number Qualifier</b>	O ID 1/3
			Code indicating the type of account Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	BPR21	508	<b>Account Number</b>	X AN 1/35
			Account number assigned	

**Segment:** **CUR** Currency

**Position:** 040

**Loop:**

**Level:** Heading

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify the currency (dollars, pounds, francs, etc.) used in a transaction

- Syntax Notes:**
- 1 If CUR08 is present, then CUR07 is required.
  - 2 If CUR09 is present, then CUR07 is required.
  - 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
  - 4 If CUR11 is present, then CUR10 is required.
  - 5 If CUR12 is present, then CUR10 is required.
  - 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
  - 7 If CUR14 is present, then CUR13 is required.
  - 8 If CUR15 is present, then CUR13 is required.
  - 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
  - 10 If CUR17 is present, then CUR16 is required.
  - 11 If CUR18 is present, then CUR16 is required.
  - 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
  - 13 If CUR20 is present, then CUR19 is required.
  - 14 If CUR21 is present, then CUR19 is required.

**Semantic Notes:**

**Comments:** 1 See Figures Appendix for examples detailing the use of the CUR segment.

**Notes:** EIDX USAGE: Depending.

The Electronics Industry recommends that currency be used at header level only. EIDX recommends that this segment only be used when sending invoices not in U.S. dollars.

**Data Element Summary**

	<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</b>
<b>Must Use</b>	CUR01	98	<b>Entity Identifier Code</b>	<b>M ID 2/3</b>
			Code identifying an organizational entity, a physical location, property or an individual BY Buying Party (Purchaser) SE Selling Party	
<b>Must Use</b>	CUR02	100	<b>Currency Code</b>	<b>M ID 3/3</b>
			Code (Standard ISO) for country in whose currency the charges are specified	
	CUR03	280	<b>Exchange Rate</b>	<b>O R 4/10</b>
			Value to be used as a multiplier conversion factor to convert monetary value from one currency to another Required by EIDX.	

	<b>CUR04</b>	<b>98</b>	<b>Entity Identifier Code</b>	<b>O ID 2/3</b>
			Code identifying an organizational entity, a physical location, property or an individual	
			BY Buying Party (Purchaser)	
			PE Payee	
			PR Payer	
			SE Selling Party	
	<b>CUR05</b>	<b>100</b>	<b>Currency Code</b>	<b>O ID 3/3</b>
			Code (Standard ISO) for country in whose currency the charges are specified	
			Required by EIDX.	
	<b>CUR06</b>	<b>669</b>	<b>Currency Market/Exchange Code</b>	<b>O ID 3/3</b>
			Code identifying the market upon which the currency exchange rate is based	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	<b>CUR07</b>	<b>374</b>	<b>Date/Time Qualifier</b>	<b>X ID 3/3</b>
			Code specifying type of date or time, or both date and time	
			003 Invoice	
			004 Purchase Order	
			006 Sold	
			020 Check	
			022 Freight Bill	
			044 Settlement Date as Specified by the Originator	
			107 Deposit	
			133 Accounts Receivable – Statement Date	
			188 Credit Advice	
			189 Debit Advice	
	<b>CUR08</b>	<b>373</b>	<b>Date</b>	<b>O DT 8/8</b>
			Date expressed as CCYYMMDD	
	<b>CUR09</b>	<b>337</b>	<b>Time</b>	<b>O TM 4/8</b>
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00–23), M = minutes (00–59), S = integer seconds (00–59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0–9) and DD = hundredths (00–99)	
<b>Not Used</b>	<b>CUR10</b>	<b>374</b>	<b>Date/Time Qualifier</b>	<b>X ID 3/3</b>
			Code specifying type of date or time, or both date and time	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>Not Used</b>	<b>CUR11</b>	<b>373</b>	<b>Date</b>	<b>X DT 8/8</b>
			Date expressed as CCYYMMDD	
<b>Not Used</b>	<b>CUR12</b>	<b>337</b>	<b>Time</b>	<b>X TM 4/8</b>
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00–23), M = minutes (00–59), S = integer seconds (00–59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0–9) and DD = hundredths (00–99)	
			Not Used by EIDX.	

Not Used	CUR13	374	<b>Date/Time Qualifier</b>	X ID 3/3
			Code specifying type of date or time, or both date and time Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	CUR14	373	<b>Date</b>	X DT 8/8
			Date expressed as CCYYMMDD	
Not Used	CUR15	337	<b>Time</b>	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	CUR16	374	<b>Date/Time Qualifier</b>	X ID 3/3
			Code specifying type of date or time, or both date and time Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	CUR17	373	<b>Date</b>	X DT 8/8
			Date expressed as CCYYMMDD	
Not Used	CUR18	337	<b>Time</b>	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	CUR19	374	<b>Date/Time Qualifier</b>	X ID 3/3
			Code specifying type of date or time, or both date and time Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	CUR20	373	<b>Date</b>	X DT 8/8
			Date expressed as CCYYMMDD	
Not Used	CUR21	337	<b>Time</b>	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	

**Segment:** **REF** Reference Identification

**Position:** 050

**Loop:**

**Level:** Heading

**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:**

**Notes:** EIDX USAGE: Depending.

Advised at either header or detail level. If reference numbers are pertinent to the entire transaction they will appear in the header area, otherwise they are specified in the detail area.

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
<b>Must Use</b>	REF01	128	<b>Reference Identification Qualifier</b>	<b>M ID 2/3</b>
			Code qualifying the Reference Identification	
			TN Transaction Reference Number	
			VV Voucher	
			Voucher number from customer's Accounts Payable system.	
	REF02	127	<b>Reference Identification</b>	<b>X AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			Required by EIDX.	
<b>Not Used</b>	REF03	352	<b>Description</b>	<b>X AN 1/80</b>
			A free-form description to clarify the related data elements and their content	
<b>Not Used</b>	REF04	C040	<b>Reference Identifier</b>	<b>O</b>
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
<b>Not Used</b>	C04001	128	<b>Reference Identification Qualifier</b>	<b>M ID 2/3</b>
			Code qualifying the Reference Identification	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>Not Used</b>	C04002	127	<b>Reference Identification</b>	<b>M AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Not Used	C04003	128	<b>Reference Identification Qualifier</b>	X ID 2/3
			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C04004	127	<b>Reference Identification</b>	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04005	128	<b>Reference Identification Qualifier</b>	X ID 2/3
			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C04006	127	<b>Reference Identification</b>	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

**Segment:** **DTM** Date/Time Reference

**Position:** 060

**Loop:**

**Level:** Heading

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
  - 2 If DTM04 is present, then DTM03 is required.
  - 3 If either DTM05 or DTM06 is present, then the other is required.

**Semantic Notes:**

**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
<b>Must Use</b>	DTM01	374	<b>Date/Time Qualifier</b>	<b>M ID 3/3</b>
			Code specifying type of date or time, or both date and time 020 Check	
	DTM02	373	<b>Date</b>	<b>X DT 8/8</b>
			Date expressed as CCYYMMDD Required by EIDX.	
<b>Not Used</b>	DTM03	337	<b>Time</b>	<b>X TM 4/8</b>
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
<b>Not Used</b>	DTM04	623	<b>Time Code</b>	<b>O ID 2/2</b>
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>Not Used</b>	DTM05	1250	<b>Date Time Period Format Qualifier</b>	<b>X ID 2/3</b>
			Code indicating the date format, time format, or date and time format Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>Not Used</b>	DTM06	1251	<b>Date Time Period</b>	<b>X AN 1/35</b>
			Expression of a date, a time, or range of dates, times or dates and times	



**Segment:** **N1 Name**

**Position:** 070  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**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:** EIDX USAGE: Advised.

At least one entry should be provided for the bank and one for the payer. Names and addresses are usually designated in the header area. It is recommended that the trading partner codify all the addresses within their system through the use of N104. See General Recommendations for Party and Location Identification at [http://www.eidx.org/publications/business\\_models/general/parties.html](http://www.eidx.org/publications/business_models/general/parties.html).

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual BK Bank PR Payer	
	N102	93	Name	X AN 1/60
			Free-form name EIDX USAGE: Advised. Facilitates audits and/or research.	
	N103	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67) Required by EIDX.	
		1	D-U-N-S Number, Dun & Bradstreet	
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		14	UCC/EAN Location Code Prefix The first part of a 13 digit UCC/EAN Location Code within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system. A globally unique 3 to 10 digit code for the identification of a	

			91	company		
			92	Assigned by Seller or Seller's Agent		
				Assigned by Buyer or Buyer's Agent		
	<b>N104</b>	<b>67</b>	<b>Identification Code</b>		<b>X</b>	<b>AN 2/80</b>
			Code identifying a party or other code			
			EIDX USAGE: Advised.			
			The number that identifies the location.			
<b>Not Used</b>	<b>N105</b>	<b>706</b>	<b>Entity Relationship Code</b>		<b>O</b>	<b>ID 2/2</b>
			Code describing entity relationship			
			Refer to 004010 Data Element Dictionary for acceptable code values.			
<b>Not Used</b>	<b>N106</b>	<b>98</b>	<b>Entity Identifier Code</b>		<b>O</b>	<b>ID 2/3</b>
			Code identifying an organizational entity, a physical location, property or an individual			
			Refer to 004010 Data Element Dictionary for acceptable code values.			

**Segment: N2 Additional Name Information**

**Position:** 080  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify additional names or those longer than 35 characters in length  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

EIDX Usage: OPTIONAL. Use only when address information cannot be conveyed via an Identification Code on the N1 segment. See General Recommendations for Party and Location Identification at [http://www.eidx.org/publications/business\\_models/general/parties.html](http://www.eidx.org/publications/business_models/general/parties.html).

Note: Use of this segment may impede automation and application integration.

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
<b>Must Use</b>	N201	93 <b>Name</b>	<b>M AN 1/60</b>
	N202	93 <b>Name</b> Free-form name	<b>O AN 1/60</b>

**Segment: N3 Address Information**

**Position:** 090  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

EIDX Usage: OPTIONAL. Use only when address information cannot be conveyed via an Identification Code on the N1 segment. See General Recommendations for Party and Location Identification at [http://www.eidx.org/publications/business\\_models/general/parties.html](http://www.eidx.org/publications/business_models/general/parties.html).

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
<b>Must Use</b>	N301	166	<b>Address Information</b>	<b>M AN 1/55</b>
	N302	166	Address information <b>Address Information</b> Address information	<b>O AN 1/55</b>

**Segment: N4 Geographic Location**

- Position:** 100
- Loop:** N1 Optional
- Level:** Heading
- Usage:** Optional
- Max Use:** 1
- Purpose:** To specify the geographic place of the named party
- Syntax Notes:** 1 If N406 is present, then N405 is required.
- Semantic Notes:**
- Comments:**
  - 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
  - 2 N402 is required only if city name (N401) is in the U.S. or Canada.
- Notes:** EIDX Usage: OPTIONAL. Use only when address information cannot be conveyed via an Identification Code on the N1 segment. See General Recommendations for Party and Location Identification at [http://www.eidx.org/publications/business\\_models/general/parties.html](http://www.eidx.org/publications/business_models/general/parties.html).

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b>Des.</b>	<b>Element</b>		
N401	19	<b>City Name</b> Free-form text for city name	O AN 2/30
N402	156	<b>State or Province Code</b> Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	<b>Postal Code</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
N404	26	<b>Country Code</b> Code identifying the country	O ID 2/3
N405	309	<b>Location Qualifier</b> Code identifying type of location Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 1/2
N406	310	<b>Location Identifier</b> Code which identifies a specific location	O AN 1/30

**Segment: PER Administrative Communications Contact**

**Position:** 120  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To identify a person or office to whom administrative communications should be directed

- Syntax Notes:**
- 1 If either PER03 or PER04 is present, then the other is required.
  - 2 If either PER05 or PER06 is present, then the other is required.
  - 3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:**

**Comments:**

**Notes:** EIDX USAGE: Advised.

At least one direct contact in sender organization should be provided at the header level.

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
<b>Must Use</b>	PER01	366	<b>Contact Function Code</b>	<b>M ID 2/2</b>
			Code identifying the major duty or responsibility of the person or group named	
			AD Accounting Department	
			AR Accounts Receivable Department	
			BD Buyer Name or Department	
			CR Customer Relations	
			EB Entered By	
			IC Information Contact	
	PER02	93	<b>Name</b>	<b>O AN 1/60</b>
			Free-form name	
			EIDX USAGE: Advised.	
			Facilitates audits and/or research.	
	PER03	365	<b>Communication Number Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type of communication number	
			EM Electronic Mail	
			FX Facsimile	
			TE Telephone	
	PER04	364	<b>Communication Number</b>	<b>X AN 1/80</b>
			Complete communications number including country or area code when applicable	
			Recommended format for telephone number is: 800-555-1212X1234.	
<b>Not Used</b>	PER05	365	<b>Communication Number Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type of communication number	
			Refer to 004010 Data Element Dictionary for acceptable code values.	

<b>Not Used</b>	<b>PER06</b>	<b>364</b>	<b>Communication Number</b>	<b>X AN 1/80</b>
			Complete communications number including country or area code when applicable	
<b>Not Used</b>	<b>PER07</b>	<b>365</b>	<b>Communication Number Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type of communication number Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>Not Used</b>	<b>PER08</b>	<b>364</b>	<b>Communication Number</b>	<b>X AN 1/80</b>
			Complete communications number including country or area code when applicable	
<b>Not Used</b>	<b>PER09</b>	<b>443</b>	<b>Contact Inquiry Reference</b>	<b>O AN 1/20</b>
			Additional reference number or description to clarify a contact number	

**Segment:** **ENT** Entity

**Position:** 010  
**Loop:** ENT Optional  
**Level:** Detail  
**Usage:** Optional  
**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 by EIDX.  
 This segment is used to identify the end customer involved in the transaction. It is recommended that the trading partners identify all addresses within their system.

**Data Element Summary**

Ref.	Data Element	Name	Attributes
Not Used	ENT01	554 Assigned Number	O N0 1/6
	ENT02	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual PE Payee	X ID 2/3



	<b>ENT03</b>	<b>66</b>	<b>Identification Code Qualifier</b>	<b>X</b>	<b>ID 1/2</b>
			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		
			14 UCC/EAN Location Code Prefix The first part of a 13 digit UCC/EAN Location Code within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system. A globally unique 3 to 10 digit code for the identification of a company		
			91 Assigned by Seller or Seller's Agent		
			92 Assigned by Buyer or Buyer's Agent		
	<b>ENT04</b>	<b>67</b>	<b>Identification Code</b>	<b>X</b>	<b>AN 2/80</b>
			Code identifying a party or other code EIDX USAGE: Advised.		
			The number that identifies the location.		
<b>Not Used</b>	<b>ENT05</b>	<b>98</b>	<b>Entity Identifier Code</b>	<b>X</b>	<b>ID 2/3</b>
			Code identifying an organizational entity, a physical location, property or an individual Refer to 004010 Data Element Dictionary for acceptable code values.		
<b>Not Used</b>	<b>ENT06</b>	<b>66</b>	<b>Identification Code Qualifier</b>	<b>X</b>	<b>ID 1/2</b>
			Code designating the system/method of code structure used for Identification Code (67) Refer to 004010 Data Element Dictionary for acceptable code values.		
<b>Not Used</b>	<b>ENT07</b>	<b>67</b>	<b>Identification Code</b>	<b>X</b>	<b>AN 2/80</b>
			Code identifying a party or other code		
<b>Not Used</b>	<b>ENT08</b>	<b>128</b>	<b>Reference Identification Qualifier</b>	<b>X</b>	<b>ID 2/3</b>
			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.		
<b>Not Used</b>	<b>ENT09</b>	<b>127</b>	<b>Reference Identification</b>	<b>X</b>	<b>AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

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

**Position:** 150  
**Loop:** RMR Optional  
**Level:** Detail  
**Usage:** Optional  
**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 by EIDX.

If Invoice Amount is subject to discount and RMT04 Monetary Amount (Amount Paid) is not equal RMT05 Monetary Amount ( Amount of invoice) , then RMT06 Monetary Amount (Amount of Discount) is required. On ASC X12 3020 820, the RMT05 indicated Amount Subject to Terms Discount, and RMT06 indicated Discounted Amount Due. These elements have no counterpart in ASC X12 4010 820 Transaction.

If Invoice Amount is not subject to discount and RMT04 Monetary Amount (Amount Paid) is not equal RMT05 Monetary Amount ( Amount of invoice), RMT07 Adjustment Reason is required. On ASC X12 3020 820, the RMT08 Monetary Amount was used to reflect the difference between amount paid and amount of invoice. Syntax notes for RMR segment preclude using RMR08 Monetary Amount for this purpose. Difference between amount paid and amount of invoice can be calculated by the transaction recipient.

If Invoice Amount is not subject to discount and RMT04 Monetary Amount (Amount Paid) is not equal RMT05 Monetary Amount ( Amount of invoice) and Invoice Amount is in error, \_\_\_\_ (Old notes from 3020: If Invoice Amount is subject to discount and RMT03 is not equal RMT04 and Invoice Amount is in error, then RMT05, RMT06, and RMT07 are required to convey discount information. RMT08 and RMT09 are required for adjustments other than discounts. In this case, RMT07 plus RMT08

equals the difference between RMT03 and RMT04.)

Use the ADX Adjustment loop within the RMR loop for adjustments other than discounts.

Data Element Summary			
Ref. Des.	Data Element	Name	Attributes
RMR01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification IV Seller's Invoice Number	X ID 2/3
RMR02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	RMR03	<b>482 Payment Action Code</b> Code specifying the accounts receivable open item(s), if any, to be included in the cash application. Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
	RMR04	<b>782 Monetary Amount</b> Monetary amount Required by EIDX. Amount paid. See segment notes.	O R 1/18
	RMR05	<b>782 Monetary Amount</b> Monetary amount Required by EIDX. Amount of invoice (including charges, less allowance) before terms discount. See segment notes.	O R 1/18
	RMR06	<b>782 Monetary Amount</b> Monetary amount Amount of discount taken. See segment notes.	O R 1/18
	RMR07	<b>426 Adjustment Reason Code</b> Code indicating reason for debit or credit memo or adjustment to invoice, debit or credit memo, or payment See segment notes.	X ID 2/2
		01 Pricing Error	
		03 Extension Error	
		04 Item Not Accepted – Damaged	
		05 Item Not Accepted – Quality	
		06 Quantity Contested	
		07 Incorrect Product	
		08 Substitute Product	
		11 Returns – Damage	
		12 Returns – Quality	
		16 Non-Invoice Related Allowance/Charge	
		19 Duplicate Billing	
		20 Balance Due Declined	
		21 Shipment Method of Payment Incorrect	
		23 Special Charge Not Authorized	
		26 Invoice Cancelled	
		30 Delivery Charge Incorrect	
		41 Item Not Accepted–Delay	
		42 Item Not Accepted – Loss	
		46 Transportation Charge Incorrect	

		52	Credit for Previous Overpayment	
		53	Remittance for Previous Underpayment	
		54	Freight Deducted	
		55	Tax Deducted	
		58	Invoice billing received after final billing	
		59	Item not received	
		60	No open item on file	
		61	No open order on file	
<b>RMR08</b>	<b>782</b>	<b>Monetary Amount</b>		<b>X R 1/18</b>
		Monetary amount		
		Interest penalty payment, amount late interest paid, or amount anticipation.		

**Segment:** **REF** Reference Identification

**Position:** 170  
**Loop:** RMR 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:**

**Notes:** Recommended by EIDX.

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
<b>Must Use</b>	REF01	128	<b>Reference Identification Qualifier</b>	<b>M ID 2/3</b>
			Code qualifying the Reference Identification DB Buyer's Debit Memo PK Packing List Number PO Purchase Order Number	
	REF02	127	<b>Reference Identification</b>	<b>X AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Required by EIDX.	
<b>Not Used</b>	REF03	352	<b>Description</b>	<b>X AN 1/80</b>
			A free-form description to clarify the related data elements and their content	
<b>Not Used</b>	REF04	C040	<b>Reference Identifier</b>	<b>O</b>
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
<b>Not Used</b>	C04001	128	<b>Reference Identification Qualifier</b>	<b>M ID 2/3</b>
			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>Not Used</b>	C04002	127	<b>Reference Identification</b>	<b>M AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
<b>Not Used</b>	C04003	128	<b>Reference Identification Qualifier</b>	<b>X ID 2/3</b>
			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	

Not Used	C04004	127	<b>Reference Identification</b>	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04005	128	<b>Reference Identification Qualifier</b>	X	ID 2/3
			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	C04006	127	<b>Reference Identification</b>	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

**Segment: ADX Adjustment**

**Position:** 210  
**Loop:** ADX Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To convey accounts-payable adjustment information for the purpose of cash application, including payer-generated debit/credit memos

- Syntax Notes:** 1 If either ADX03 or ADX04 is present, then the other is required.  
**Semantic Notes:** 1 ADX01 specifies the amount of the adjustment and must be signed if negative. If negative, it reduces the payment amount; if positive, it increases the payment amount.  
 2 ADX02 specifies the reason for claiming the adjustment.  
 3 ADX03 and ADX04 specify the identification of the adjustment.

**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
<b>Must Use</b>	ADX01	782	<b>Monetary Amount</b>	<b>M R 1/18</b>
			Monetary amount	
<b>Must Use</b>	ADX02	426	<b>Adjustment Reason Code</b>	<b>M ID 2/2</b>

Code indicating reason for debit or credit memo or adjustment to invoice, debit or credit memo, or payment

- 01 Pricing Error
- 03 Extension Error
- 04 Item Not Accepted – Damaged
- 05 Item Not Accepted – Quality
- 06 Quantity Contested
- 07 Incorrect Product
- 08 Substitute Product
- 11 Returns – Damage
- 12 Returns – Quality
- 16 Non-Invoice Related Allowance/Charge
- 19 Duplicate Billing
- 20 Balance Due Declined
- 21 Shipment Method of Payment Incorrect
- 23 Special Charge Not Authorized
- 26 Invoice Cancelled
- 30 Delivery Charge Incorrect
- 41 Item Not Accepted–Delay
- 42 Item Not Accepted – Loss
- 46 Transportation Charge Incorrect
- 52 Credit for Previous Overpayment
- 53 Remittance for Previous Underpayment
- 54 Freight Deducted
- 55 Tax Deducted
- 58 Invoice billing received after final billing

		59	Item not received	
		60	No open item on file	
		61	No open order on file	
<b>ADX03</b>	<b>128</b>	<b>Reference Identification Qualifier</b>		<b>X ID 2/3</b>
		Code qualifying the Reference Identification		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
<b>ADX04</b>	<b>127</b>	<b>Reference Identification</b>		<b>X AN 1/30</b>
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		



**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.

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
<b>Must Use</b>	SE01	96	<b>Number of Included Segments</b>	<b>M N0 1/10</b>
			Total number of segments included in a transaction set including ST and SE segments	
<b>Must Use</b>	SE02	329	<b>Transaction Set Control Number</b>	<b>M AN 4/9</b>

Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

The control number is assigned by the sender. It should be sequentially assigned within each functional group to aid in error recovery and research. The control number in the SE segment (SE02) must be identical to the control number in the ST segment for each transaction.

## 820 PAYMENT ORDER/REMITTANCE ADVICE EXAMPLES

No examples were provided for the 820 transaction.