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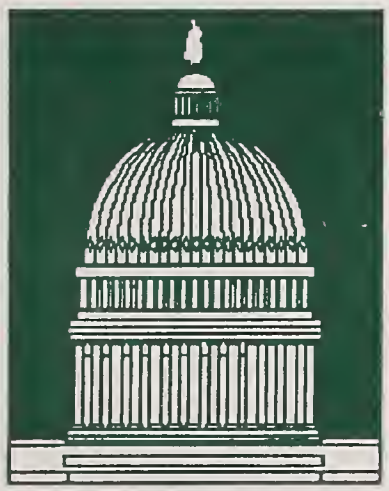

Federal Implementation Guideline for Electronic Data Interchange

ASC X12 003040 Transaction Set 820 Payment Order/Remittance Advice

Implementation Convention

U.S. DEPARTMENT OF COMMERCE
Technology Administration
National Institute of
Standards and Technology

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Implementation Convention

Electronic Commerce Acquisition Program Management Office
Standard Management Committee - Secretariat
National Institute of Standards and Technology
Gaithersburg, MD 20899-0001

Editor: Dr. Jean-Philippe Favreau

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U.S. DEPARTMENT OF COMMERCE
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Reports on Information Technology

The National Institute of Standards and Technology (NIST)'s Information Technology Laboratory (ITL) develops standards and guidelines, provides technical assistance, and conducts research for computers and resources. As part of the overall federal effort to establish a single face to industry for conducting electronic commerce, ITL has been designated as the organization responsible for coordinating the development of Federal Implementation Conventions (ICs) for Electronic Data Interchange (EDI). ICs are defined by functional-area experts who create and select options from standard EDI Transaction Sets to yield the implementations to be used for practical EDI. These ICs are made available to federal agencies and industry by electronic means and this Special Publication Series.

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820 Payment Order/Remittance Advice

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.

Notes:

1. Use this transaction set to initiate a vendor payment request with remittance advice from an agency to its disbursing office.

2. This transaction set may also be used by disbursing office to subsequently transmit remittance advice to the vendor.

3. The monetary amount in BPR02 should be the sum of all "outer" loop values in data element ADX01 and all data element RMR04 amounts, if present. The data cited in data elements BPR12-15 are in effect, the vendor's EFT "Remit To" electronic address. The date cited in BPR16 is the date used for early discount and late payment calculations.

4. For a vendor with a single EFT account, only data elements BPR02 and BPR16 will vary per payment.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
	010	ST	Transaction Set Header	M	1		
	020	BPR	Beginning Segment for Payment Order/Remittance Advice	M	1		
Not Used	030	NTE	Note/Special Instruction	O	>1		
	035	TRN	Trace	O	1		c1
	040	CUR	Currency	O	1		c2
	050	REF	Reference Numbers	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		
	110	REF	Reference Numbers	O	>1		
	120	PER	Administrative Communications Contact	O	>1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - ENT			>1	
	010	ENT	Entity	O	1		c4
			LOOP ID - N1			>1	
	020	N1	Name	O	1		c5
	030	N2	Additional Name Information	O	>1		
	040	N3	Address Information	O	>1		
	050	N4	Geographic Location	O	1		
Not Used	060	REF	Reference Numbers	O	>1		
	070	PER	Administrative Communications Contact	O	>1		
			LOOP ID - ADX			>1	
	080	ADX	Adjustment	O	1		c6
Not Used	090	NTE	Note/Special Instruction	O	>1		
Not Used	100	PER	Administrative Communications Contact	O	>1		
	105	DTM	Date/Time/Period	O	1		
			LOOP ID - REF			>1	
	110	REF	Reference Numbers	O	1		
Not Used	120	DTM	Date/Time/Period	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 Numbers	O	1		
Not Used	141	DTM	Date/Time/Period	O	1		
			LOOP ID - ITA			>1	
Not Used	142	ITA	Allowance, Charge or Service	O	1		
Not Used	143	TXI	Tax Information	O	>1		
			LOOP ID - SLN			>1	
Not Used	144	SLN	Subline Item Detail	O	1		
			LOOP ID - REF			>1	
Not Used	145	REF	Reference Numbers	O	1		
Not Used	146	DTM	Date/Time/Period	O	>1		
			LOOP ID - ITA			>1	
Not Used	147	ITA	Allowance, Charge or Service	O	1		
Not Used	148	TXI	Tax Information	O	>1		
			LOOP ID - RMR			>1	
	150	RMR	Remittance Advice Accounts Receivable Open Item Reference	O	1		c8
Not Used	160	NTE	Note/Special Instruction	O	>1		
	170	REF	Reference Numbers	O	>1		
	180	DTM	Date/Time Reference	O	>1		
			LOOP ID - IT1			>1	
Not Used	190	IT1	Baseline Item Data (Invoice)	O	1		c9

			LOOP ID - REF		>1	
Not Used	200	REF	Reference Numbers	O	1	
Not Used	201	DTM	Date/Time/Period	O	1	
			LOOP ID - ITA		>1	
Not Used	202	ITA	Allowance, Charge or Service	O	1	
Not Used	203	TXI	Tax Information	O	>1	
			LOOP ID - SLN		>1	
Not Used	204	SLN	Subline Item Detail	O	1	
			LOOP ID - REF		>1	
Not Used	205	REF	Reference Numbers	O	1	
Not Used	206	DTM	Date/Time/Period	O	>1	
			LOOP ID - ITA		>1	
Not Used	207	ITA	Allowance, Charge or Service	O	1	
Not Used	208	TXI	Tax Information	O	>1	
			LOOP ID - ADX		>1	
	210	ADX	Adjustment	O	1	c10
Not Used	220	NTE	Note/Special Instruction	O	>1	
Not Used	230	PER	Administrative Communications Contact	O	>1	
			LOOP ID - REF		>1	
	240	REF	Reference Numbers	O	1	
	250	DTM	Date/Time/Period	O	>1	
			LOOP ID - IT1		>1	
Not Used	260	IT1	Baseline Item Data (Invoice)	O	1	c11
			LOOP ID - REF		>1	
Not Used	270	REF	Reference Numbers	O	1	
Not Used	271	DTM	Date/Time/Period	O	1	
			LOOP ID - ITA		>1	
Not Used	272	ITA	Allowance, Charge or Service	O	1	
Not Used	273	TXI	Tax Information	O	>1	
			LOOP ID - SLN		>1	
Not Used	274	SLN	Subline Item Detail	O	1	
			LOOP ID - REF		>1	
Not Used	275	REF	Reference Numbers	O	1	
Not Used	276	DTM	Date/Time/Period	O	>1	
			LOOP ID - ITA		>1	
Not Used	277	ITA	Allowance, Charge or Service	O	1	
Not Used	278	TXI	Tax Information	O	>1	
			LOOP ID - TXP		>1	
Not Used	280	TXP	Tax Payment	O	1	
Not Used	285	TXI	Tax Information	O	>1	
			LOOP ID - LX		>1	
Not Used	290	LX	Assigned Number	O	1	

Not Used	295	REF	Reference Numbers	O	>1	
Not Used	300	TRN	Trace	O	>1	
			LOOP ID - NM1			>1
Not Used	305	NM1	Individual or Organizational Name	O	1	
Not Used	310	REF	Reference Numbers	O	>1	
Not Used	315	G53	Maintenance Type	O	1	
			LOOP ID - AIN			>1
Not Used	320	AIN	Income	O	1	
Not Used	325	QTY	Quantity	O	>1	
Not Used	330	DTP	Date or Time or Period	O	>1	
			LOOP ID - PEN			>1
Not Used	335	PEN	Pension Information	O	1	
Not Used	340	AMT	Monetary Amount	O	>1	
Not Used	345	DTP	Date or Time or Period	O	>1	
			LOOP ID - INV			>1
Not Used	350	INV	Investment Vehicle Selection	O	1	
Not Used	355	DTP	Date or Time or Period	O	>1	

Summary:

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

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 N1 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.

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
Notes:
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) 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

	Ref. Des.	Data Element	Name	Attributes		
>>	ST01	143	**Transaction Set Identifier Code** Code uniquely identifying a Transaction Set. 820 X12.4 Payment Order/Remittance Advice	M	ID	3/3
>>	ST02	329	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set *This unique control number is assigned by the originator of the transaction set or by the originator's application program. This same number is carried in SE02.*	M	AN	4/9

Segment: **BPR** **Beginning Segment for Payment Order/Remittance Advice**
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: (1) To indicate the beginning of a PaymentOrder/Remittance Advice Transaction Set and total payment amount or (2) to enable related transfer of funds and/or information from payer to payee to occur
Notes:
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, 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 BPR12 and BPR13 relate to the receiving depository financial institution (RDFI).
4 BPR15 is the account number of the receiving company to be debited or credited with the payment order.
5 BPR17 is a code identifying the business reason for the this payment.
6 BPR18, BPR19, BPR20 and BPR21, if used, identify a third bank identification number and account to be used for return items only.

Comments:
1 BPR09 is the account of the company originating the payment. This account may be debited or credited depending on the type of payment order.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**BPR01**	**305**	**Transaction Handling Code** Code designating the action to be taken by all parties. *Use of code C is recommended when transmitting to FMS.* C Payment Accompanies Remittance Advice *Used by civilian agencies to send payment data to their disbursing office, i.e. handling party.* D Make Payment Only I Remittance Information Only *Used by disbursing office to send remittance separately.* P Prenotification of Future Transfers U Split Payment and Remittance	**M ID 1/1**
>>	**BPR02**	**782**	**Monetary Amount** Monetary amount. *1. Total monetary amount to be credited.* *2. A decimal point is required when the amount is in dollars and cents. Total payment amount cannot exceed eleven characters (including the decimal) when*	**M R 1/15**

converted to NACHA format, e.g. 99999999.99.

>> **BPR03** **478** **Credit/Debit Flag Code** **M ID 1/1**

Code indicating whether amount is a credit or debit

Use to indicate the amount in BPR02 is a credit.

Refer to 003040X12 Data Element Dictionary for acceptable code values.

>> **BPR04** **591** **Payment Method Code** **M ID 3/3**

Code identifying the method for the movement of payment instructions

ACH	Automated Clearing House (ACH)
CHK	Check
	When used, cite the check mailing address in the 1/N1/070 loop. Payment by check is discouraged and should be used in the short term only. Agencies should more aggressively convert all vendor payments to ACH.

BPR05 **812** **Payment Format Code** **O ID 1/10**

Code identifying the payment format to be used.

1. If BPR04 is "CHK" the valid payment format codes are "PBC" or "CBC."

2. If BPR04 is "ACH," the valid codes are "CCD", "CCP", "CTX", "PPP" and "CTP".

CBC	Consumer/Employee Check
CCD	Cash Concentration/Disbursement (CCD) (ACH)
CCP	Cash Concentration/Disbursement plus Addenda (CCD+) (ACH)
CTP	Corporate Trade Payment (CTP) (ACH)
	CTP should not be used by Treasury disbursed agencies. DoD will phase out CTP by April 1996.
CTX	Corporate Trade Exchange (CTX) (ACH)
PBC	Commercial/Corporate Check
PPD	Prearranged Payment and Deposit (PPD+) (ACH)
PPP	Prearranged Payment and Deposit plus Addenda (PPD+) (ACH)

>> **BPR06** **506** **(DFI) ID Number Qualifier** **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)
	Use to identify the disbursing office numbers (i.e., the office making the payment).

>> **BPR07** **507** **(DFI) Identification Number** **X AN 3/12**

Depository Financial Institution (DFI) identification number.

For Treasury disbursed agencies, cite the Austin Financial Center's 9-digit RTN. For DoD, cite the disbursing office's RTN.

>> **BPR08** **896** **Account Number Qualifier Code** **O ID 2/2**

Code indicating type of bank account or other financial asset

Use to indicate agency location code. Data maintenance has been submitted to add code ALC to this data element.

ZZ	Mutually Defined
	Use to indicate the agency location code.

>> **BPR09** **508** **Account Number** **X AN 1/35**

Account number assigned.

Cite the Agency Location Code of the paying agency.

>> **BPR10** **509** **Originating Company Identifier** **O** **AN** **10/10**

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.

For Treasury disbursed agencies, cite the first 8 digits of the Austin Financial Center's 9-digit RTN preceded by the numbers "9" and "3" (i.e., 9311103618). For DoD, cite the disbursing office's assigned number preceded by a "9".

X **BPR11** **510** **Originating Company Supplemental Code** **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** **(DFI) ID Number Qualifier** **X** **ID** **2/2**

Code identifying the type of identification number of Depository Financial Institution (DFI).

1. BPR12 through BPR15 relate to the receiving depository financial institution and account.

2. Leave blank if BPR04 is CHK.

01	ABA Transit Routing Number Including Check Digits (9 digits) *Use to indicate the receiving depository financial institution account number as provided by the vendor at registration.*

BPR13 **507** **(DFI) Identification Number** **X** **AN** **3/12**

Depository Financial Institution (DFI) identification number.

Use to identify the receiving financial institution for the vendor as provided by the vendor at the time of registration. Cite the receiving financial institution's 9-digit RTN.

BPR14 **896** **Account Number Qualifier Code** **O** **ID** **2/2**

Code indicating type of bank account or other financial asset

Use to indicate the type of account and BPR15 to indicate the Payees account number. This data element is required when EFT is used. Leave blank if BPR04 is CHK.

DA	Demand Deposit
SG	Savings

BPR15 **508** **Account Number** **X** **AN** **1/35**

Account number assigned.

Use to identify the receiver's bank account. This data element is required when EFT is used.

BPR16 **513** **Effective Entry Date** **O** **DT** **6/6**

Date the originating company intends for the transaction to be settled.

Use only to identify the settlement date.

BPR17 **1048** **Business Function Code** **O** **ID** **1/3**

Code identifying the business reason for this payment

VEN	Vendor Payment

X	**BPR18**	**506**	**(DFI) ID Number Qualifier** Code identifying the type of identification number of Depository Financial Institution (DFI).	**X**	**ID**	**2/2**
X	**BPR19**	**507**	**(DFI) Identification Number** Depository Financial Institution (DFI) identification number.	**X**	**AN**	**3/12**
X	**BPR20**	**896**	**Account Number Qualifier Code** Code indicating type of bank account or other financial asset	**O**	**ID**	**2/2**
X	**BPR21**	**508**	**Account Number** Account number assigned.	**X**	**AN**	**1/35**

Segment: **TRN** Trace
Position: 035
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To uniquely identify a transaction to an application.
Notes: 1. Use this 1/TRN/035 segment to allow originator to identify a payment request for tracking purposes.

2. Although use of this segment is optional, failure to cite a reference number in TRN02 will make it difficult to identify this transaction set in an Application Advice 824 transaction set.

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:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**TRN01**	**481**	**Trace Type Code** Code identifying which transaction is being referenced. 1 Current Transaction Trace Numbers *Treasury disbursed agencies use this code.* 3 Financial Reassociation Trace Number The matching of payment and remittance information originated separately *To be used by disbursing offices when BPR01 is code I or U.*	**M ID 1/2**
>>	**TRN02**	**127**	**Reference Number** Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. *A unique number assigned by the originator of the transaction set (i.e., the disbursing office).*	**M AN 1/30**
X	**TRN03**	**509**	**Originating Company Identifier** 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**
X	**TRN04**	**127**	**Reference Number** Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	**O AN 1/30**

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
Notes: This segment is used by non-Treasury disbursed agencies.
Syntax Notes:
1 If CUR08 is present, then CUR07 is required.
2 If CUR09 is present, then CUR07 is required.
3 If CUR11 is present, then CUR10 is required.
4 If CUR12 is present, then CUR10 is required.
5 If CUR14 is present, then CUR13 is required.
6 If CUR15 is present, then CUR13 is required.
7 If CUR17 is present, then CUR16 is required.
8 If CUR18 is present, then CUR16 is required.
9 If CUR20 is present, then CUR19 is required.
10 If CUR21 is present, then CUR19 is required.
Semantic Notes:
Comments:
1 See Figures Appendix for examples detailing the use of the CUR segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	**CUR01**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, or an individual PR Payer	**M**	**ID**	**2/2**
>>	**CUR02**	**100**	**Currency Code** Code (Standard ISO) for country in whose currency the charges are specified.	**M**	**ID**	**3/3**
	CUR03	**280**	**Exchange Rate** Value to be used as a multiplier conversion factor to convert monetary value from one currency to another.	**O**	**R**	**4/6**
	CUR04	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, or an individual Refer to 003040X12 Data Element Dictionary for acceptable code values.	**O**	**ID**	**2/2**
	CUR05	**100**	**Currency Code** Code (Standard ISO) for country in whose currency the charges are specified.	**O**	**ID**	**3/3**
	CUR06	**669**	**Currency Market/Exchange Code** Code identifying the market upon which the currency exchange rate is based. Refer to 003040X12 Data Element Dictionary for acceptable code values.	**O**	**ID**	**3/3**
	CUR07	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time. Refer to 003040X12 Data Element Dictionary for acceptable code values.	**X**	**ID**	**3/3**
	CUR08	**373**	**Date** Date (YYMMDD).	**O**	**DT**	**6/6**
	CUR09	**337**	**Time** 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	**O**	**TM**	**4/8**

			expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)			
	CUR10	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time. Refer to 003040X12 Data Element Dictionary for acceptable code values.	**X**	**ID**	**3/3**
	CUR11	**373**	**Date** Date (YYMMDD).	**O**	**DT**	**6/6**
	CUR12	**337**	**Time** 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)	**O**	**TM**	**4/8**
X	**CUR13**	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time.	**X**	**ID**	**3/3**
X	**CUR14**	**373**	**Date** Date (YYMMDD).	**O**	**DT**	**6/6**
X	**CUR15**	**337**	**Time** 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)	**O**	**TM**	**4/8**
X	**CUR16**	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time.	**X**	**ID**	**3/3**
X	**CUR17**	**373**	**Date** Date (YYMMDD).	**O**	**DT**	**6/6**
X	**CUR18**	**337**	**Time** 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)	**O**	**TM**	**4/8**
X	**CUR19**	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time.	**X**	**ID**	**3/3**
X	**CUR20**	**373**	**Date** Date (YYMMDD).	**O**	**DT**	**6/6**
X	**CUR21**	**337**	**Time** 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)	**O**	**TM**	**4/8**

Segment: **REF** **Reference Numbers**
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify identifying numbers.
Notes:
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**REF01**	**128**	**Reference Number Qualifier** Code qualifying the Reference Number. 72 Schedule Reference Number Identifies a number for a program schedule (for example, a logic type of network) or working schedule to complete a specific task or set of tasks *Use to indicate a payment schedule number submitted by the agency authorizing the payment.*	**M ID 2/2**
	REF02	**127**	**Reference Number** Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	**X AN 1/30**
X	**REF03**	**352**	**Description** A free-form description to clarify the related data elements and their content.	**X AN 1/80**

Segment: **DTM** **Date/Time Reference**
Position: 060
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify pertinent dates and times
Notes: Use this 1/DTM/060 segment to identify the date of this transaction set and the effective date and time of the payment.
Syntax Notes: **1** At least one of DTM02 DTM03 or DTM06 is required.
2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	**DTM01**	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time. 007 Effective *Use to indicate the effective date and time of the payment.* 097 Transaction Creation *This code is used by non-Treasury disbursed agencies.*	**M**	**ID**	**3/3**
	DTM02	**373**	**Date** Date (YYMMDD).	**X**	**DT**	**6/6**
	DTM03	**337**	**Time** 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)	**X**	**TM**	**4/8**
X	**DTM04**	**623**	**Time Code** 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.	**O**	**ID**	**2/2**
X	**DTM05**	**624**	**Century** The first two characters in the designation of the year (CCYY).	**O**	**N0**	**2/2**
X	**DTM06**	**1250**	**Date Time Period Format Qualifier** Code indicating the date format, time format, or date and time format.	**X**	**ID**	**2/3**
X	**DTM07**	**1251**	**Date Time Period** Expression of a date, a time, or range of dates, times or dates and times.	**X**	**AN**	**1/35**

Segment: **N1** **Name**
Position: **070**
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name and code
Notes: 1. Use two repetitions of the N1 loop to identify at least the payer and payee organizations.

2. Whenever possible, address information should be transmitted using code values contained in a combination of the N101 and N103/4 data elements. Use N102 and N2-N4 segments only when it is necessary to transmit the full address. For example, if a vendor can be identified by a DUNs number, it is not necessary to transmit the vendor's full address since the relationship between the DUNs number and the vendor's address can be established by accessing a database in which the information is stored, having been put there at the time the vendor electronically registered as a federal government trading partner. For Treasury disbursed agencies, the Treasury assigned Originator Name should be carried in N102 when N101 is code PR.

3. Use the 1/N1/070 loop to identify organization or people that apply to all of the line items, or are not applicable at the line item level. When the addresses vary by line item, use the 2/N1/020 loop.

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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**N101**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, or an individual PE Payee *Use to indicate the vendor. When used, indicate the vendor's DUNs number in the N103/04.* PR Payer	**M ID 2/2**
	N102	**93**	**Name** Free-form name. *1. When the N101 is code PR, use to indicate either Treasury Assigned Originator Name of the agency authorizing the payment (for Treasury disbursed agencies) or the disbursing office (for DoD disbursed agencies).* *2. When N101 code is PE, cite the name of the payee.*	**X AN 1/35**
	N103	**66**	**Identification Code Qualifier** Code designating the system/method of code structure used for Identification Code (67). 1 D-U-N-S Number, Dun & Bradstreet	**X ID 1/2**

			33	Commercial and Government Entity (CAGE)			
			93	Code assigned by the organization originating the transaction set *Until conversion to DUNS numbers, agencies may cite an agency vendor identification number or an agency internal vendor identification number as related to the agency's payment system. Use only when an other listed code is not applicable.*			
			FI	Federal Taxpayer's Identification Number *Use to indicate either the EIN or SSN as appropriate. Required when applicable.*			
	N104	**67**	**Identification Code** Code identifying a party or other code.		**X**	**AN**	**2/17**
X	**N105**	**706**	**Entity Relationship Code** Code describing entity relationship.		**O**	**ID**	**2/2**
X	**N106**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, or an individual		**O**	**ID**	**2/2**

Segment: **N2** **Additional Name Information**
Position: 080
Loop: N1
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify additional names or those longer than 35 characters in length
Notes: This segment is not necessary when the cited party can be identified by a code value in N101/03/04. Use, when necessary, to cite a name to appear on a payment check when that method of payment has been approved.
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	N201	93	Name Free-form name.	M	AN	1/35
	N202	93	Name Free-form name.	O	AN	1/35

Segment: N3 **Address Information**
Position: 090
Loop: N1
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify the location of the named party
Notes: 1. This segment is not necessary when the cited party can be identified by a code value in the N101/03/04. Use, when necessary, to cite the address to appear on a payment check when that method of payment has been approved.

2. This segment is used to cite the street address of the vendor being paid and may include an "Attention" line in the address. For example:

10 Main Street
Attn: Accounts Receivable Department.

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	**N301**	**166**	**Address Information** Address information	**M**	**AN**	**1/35**
	N302	**166**	**Address Information** Address information	**O**	**AN**	**1/35**

Segment: **N4** **Geographic Location**
Position: 100
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Notes: This segment is not necessary when the cited party can be identified by a code value in the N101/03/04. Use, when necessary, to cite the address to appear on a payment check when that method of payment has been approved.
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 USA or Canada.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
	N401	19	**City Name** Free-form text for city name.	O	AN	2/30
	N402	156	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency.	O	ID	2/2
	N403	116	**Postal Code** Code defining international postal zone code excluding punctuation and blanks (zip code for United States).	O	ID	3/9
	N404	26	**Country Code** Code identifying the country.	O	ID	2/3
X	N405	309	**Location Qualifier** Code identifying type of location.	X	ID	1/2
X	N406	310	**Location Identifier** Code which identifies a specific location.	O	AN	1/30

Segment: **REF** **Reference Numbers**
Position: 110
Loop: N1
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify identifying numbers.
Notes: This segment is used by non-Treasury disbursed agencies.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	**REF01**	**128**	**Reference Number Qualifier** Code qualifying the Reference Number. 72 Schedule Reference Number Identifies a number for a program schedule (for example, a logic type of network) or working schedule to complete a specific task or set of tasks *Use to indicate a payment schedule number submitted by the agency authorizing the payment.*	**M**	**ID**	**2/2**
	REF02	**127**	**Reference Number** Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	**X**	**AN**	**1/30**
X	**REF03**	**352**	**Description** A free-form description to clarify the related data elements and their content.	**X**	**AN**	**1/80**

Segment: **PER** **Administrative Communications Contact**
Position: 120
Loop: N1
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To identify a person or office to whom administrative communications should be directed
Notes: Use this 1/PER/120 segment to identify a contact that applies to all of the line items, or are not applicable at the line item level. When the contact varies by line item, use the 2/PER/070 segment.
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.
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	**PER01**	**366**	**Contact Function Code** Code identifying the major duty or responsibility of the person or group named. IC Information Contact	**M**	**ID**	**2/2**
	PER02	**93**	**Name** Free-form name. *Cite the last name first, followed by the first name. Do not truncate the last name if whole name is longer than 35 characters. Instead, truncate the first name or use the first initial of the first name.*	**O**	**AN**	**1/35**
	PER03	**365**	**Communication Number Qualifier** Code identifying the type of communication number. *Use to identify the preferred method of communication in the first repetition. Use PER05/06 to identify an additional communication number. Use additional repetitions of PER segment to identify additional numbers.* AU Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON) EM Electronic Mail FX Facsimile IT International Telephone TE Telephone TL Telex TM Telemail TX TWX	**X**	**ID**	**2/2**
	PER04	**364**	**Communication Number** Complete communications number including country or area code when applicable. *Do not include blank spaces or dashes between numbers.*	**X**	**AN**	**1/80**
	PER05	**365**	**Communication Number Qualifier** Code identifying the type of communication number.	**X**	**ID**	**2/2**

Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a commercial telephone number, PER05/06 can be used to cite an Electronic Mail address.

AU	Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
EM	Electronic Mail
EX	Telephone Extension
FX	Facsimile
IT	International Telephone
MN	Modem Number
TE	Telephone
TL	Telex
TM	Telemail
TX	TWX

PER06	**364**	**Communication Number**	**X**	**AN**	**1/80**

Complete communications number including country or area code when applicable.
Do not include blanks spaces or dashes between numbers.

Segment: **ENT** **Entity**
Position: **010**
Loop: ENT
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
Notes: 1. Agencies will use either a single iteration of the 2/ENT/010 loop for payment data/remittance advice directly to the payee organization (single/single as described in comments 1 and 2 below, or more than one iteration, if consolidated payer (for multiple/single transaction) as described in comment 4 below.

2. For Treasury disbursed agencies, neither the ENT segment nor N1 segments within the ENT loop should refer to Remit TO, Payee or Payer.

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.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
ENT01	**554**	**Assigned Number** Number assigned for differentiation within a transaction set. *Sequential number assigned by the agency to each entity in the transaction.*	**O**	**N0**	**1/6**
ENT02	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, or an individual *Use any code.* Refer to 003040X12 Data Element Dictionary for acceptable code values.	**X**	**ID**	**2/2**
ENT03	**66**	**Identification Code Qualifier** Code designating the system/method of code structure used for Identification Code (67).	**X**	**ID**	**1/2**

			Use any code. Refer to 003040X12 Data Element Dictionary for acceptable code values.			
	ENT04	**67**	**Identification Code** Code identifying a party or other code.	**X**	**AN**	**2/17**
X	**ENT05**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, or an individual	**X**	**ID**	**2/2**
X	**ENT06**	**66**	**Identification Code Qualifier** Code designating the system/method of code structure used for Identification Code (67).	**X**	**ID**	**1/2**
X	**ENT07**	**67**	**Identification Code** Code identifying a party or other code.	**X**	**AN**	**2/17**
X	**ENT08**	**128**	**Reference Number Qualifier** Code qualifying the Reference Number.	**X**	**ID**	**2/2**
X	**ENT09**	**127**	**Reference Number** Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	**X**	**AN**	**1/30**

Segment: **N1** **Name**
Position: 020
Loop: N1
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name and code
Notes: Use this 2/N1/020 loop to identify agency facility locations authorizing payment and the address of the payee.
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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	**N101**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, or an individual 12 Regional Office 15 Accounts Payable Office 2A Federal, State, County or City Facility 2R Federal Facility PE Payee *This code is used only by DoD.*	**M**	**ID**	**2/2**
	N102	**93**	**Name** Free-form name.	**X**	**AN**	**1/35**
	N103	**66**	**Identification Code Qualifier** Code designating the system/method of code structure used for Identification Code (67). 1 D-U-N-S Number, Dun & Bradstreet	**X**	**ID**	**1/2**
	N104	**67**	**Identification Code** Code identifying a party or other code.	**X**	**AN**	**2/17**
	N105	**706**	**Entity Relationship Code** Code describing entity relationship. *Use any code.* Refer to 003040X12 Data Element Dictionary for acceptable code values.	**O**	**ID**	**2/2**
	N106	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, or an individual *Use any code.* Refer to 003040X12 Data Element Dictionary for acceptable code values.	**O**	**ID**	**2/2**

Segment: N2 **Additional Name Information**
Position: 030
Loop: N1
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify additional names or those longer than 35 characters in length
Notes: 1. This segment is not necessary when the cited party can be identified by a code value in N101/03/04. Use, when necessary, to cite the address to appear on a payment check when that method of payment has been approved.

2. This segment is not necessary when the cited party can be identified by a code value in N101/03/04. Use, when necessary, to cite a name to appear on a payment check.

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	N201	93	Name Free-form name.	M	AN	1/35
	N202	93	Name Free-form name.	O	AN	1/35

Segment: **N3** **Address Information**
Position: **040**
Loop: N1
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify the location of the named party
Notes: This segment is not necessary when the cited party can be identified by a code value in N101/03/04. Use, when necessary, to cite an address to which a check is to be mailed.
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	**N301**	**166**	**Address Information** Address information	**M**	**AN**	**1/35**
	N302	**166**	**Address Information** Address information	**O**	**AN**	**1/35**

Segment: **N4** **Geographic Location**
Position: 050
Loop: N1
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Notes: This segment is not necessary when the cited party can be identified by a code value in N101/03/04. Use, when necessary, to cite an address to which a check is to be mailed.
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 USA or Canada.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
	N401	19	**City Name** Free-form text for city name.	O	AN	2/30
	N402	156	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency.	O	ID	2/2
	N403	116	**Postal Code** Code defining international postal zone code excluding punctuation and blanks (zip code for United States).	O	ID	3/9
	N404	26	**Country Code** Code identifying the country.	O	ID	2/3
X	N405	309	**Location Qualifier** Code identifying type of location.	X	ID	1/2
X	N406	310	**Location Identifier** Code which identifies a specific location.	O	AN	1/30

Segment: **PER** **Administrative Communications Contact**
Position: 070
Loop: N1
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To identify a person or office to whom administrative communications should be directed
Notes: Use this 2/PER/070 segment to identify a contact that applies to specific line items. When the contact applies to all of the line items, use 1/PER/120 segment.
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.
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**PER01**	**366**	**Contact Function Code** Code identifying the major duty or responsibility of the person or group named. IC Information Contact	**M ID 2/2**
	PER02	**93**	**Name** Free-form name. *Cite the last name first, followed by the first name. Do not truncate the last name if the whole name is longer than 35 characters. Instead, truncate the first name or use the initial of the first name.*	**O AN 1/35**
	PER03	**365**	**Communication Number Qualifier** Code identifying the type of communication number. *Use to identify the preferred method of communication in the first repetition. Use PER05/06 to identify an additional communication number. Use additional repetitions of the PER segment to identify additional numbers.* AU Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON) EM Electronic Mail FX Facsimile IT International Telephone TE Telephone TL Telex TM Telemail TX TWX	**X ID 2/2**
	PER04	**364**	**Communication Number** Complete communications number including country or area code when applicable. *Do not include blank spaces or dashes between numbers.*	**X AN 1/80**
	PER05	**365**	**Communication Number Qualifier** Code identifying the type of communication number. *Use to identify a second communications number for the party cited in PER02.*	**X ID 2/2**

For example, if the PER03/04 cites a commercial telephone number, PER05/06 can be used to cite and Electronic Mail address.

AU	Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
EM	Electronic Mail
EX	Telephone Extension
FX	Facsimile
IT	International Telephone
MN	Modem Number
TE	Telephone
TL	Telex
TM	Telemail
TX	TWX

PER06	**364**	**Communication Number**	**X**	**AN**	**1/80**

Complete communications number including country or area code when applicable.
Do not include blank spaces or dashes between numbers.

Segment: **ADX** **Adjustment**
Position: **080**
Loop: ADX
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
Notes: 1. Use this 2/ADX/080 loop when payment amount differs from invoice to indicate adjustments included in the total amount paid based on adjustments to previously submitted invoices, not related to those indicated in the 2/RMR/150 loop. Segment can only be used when payment method is CTX or when sending remittance separately.

2. Use multiple iterations of this 2/ADX/080 to indicate multiple adjustments and reasons.

3. The outer ADX loop contains adjustment items that are not specifically netted to an RMR segment in the same transmission. An adjustment is being made to a previously remitted invoice not referenced in any of the RMR segments listed in the current transmission. An ADX loop can also be used in an account payable, post audit process with an adjustment present after the original invoice is processed. Because of the timing difference, this may cause the adjustment to appear in the outer loop of the same transmission in which the RMR segment is referenced.

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

	Ref. Des.	Data Element	Name	Attributes		
>>	**ADX01**	**782**	**Monetary Amount** Monetary amount. *1. Use to indicate the adjustment amount.* *2. Use a minus sign to indicate a debit.* *3. A decimal point is required when the amount is in dollars and cents.*	**M**	**R**	**1/15**
>>	**ADX02**	**426**	**Adjustment Reason Code** Code indicating reason for credit memo, or adjustment to invoice, credit memo, or payment. *Use any authorized codes but listed codes are preferred.* *L1 Audit* *Use to indicate an itemized charge has been adjusted to the amount due to a pre-audit being performed; that audit identified a variance between the amount authorized by the receiver of the goods/service and the amount charged by the provider of the goods/service.*	**M**	**ID**	**2/2**

L2 Discount
Use to indicate the dollar value of the discount applied that reduces the payment amount to the payee.

L3 Penalty
Use to indicate the dollar value of the penalty assessed a business entity for a past due debt.

L4 Administratives Fee
Use to indicate the dollar value of the administrative fee assessed a business entity for handling a debt.

L6 Intrest Owed
Use to indicate a late payment penalty under the Prompt Payment Act.

L7 Miscellaneous Deductions
Use to indicate a deduction taken from the amount due a business entity for which no specific reason code exists. When used, provide an explanation in REF03 of the 2/REF/110 segment.

L8 Miscellaneous Credits
Use to indicate an amount that increases the payment due a business entity for which no specific reason code exists. When used, provide an explanation in REF03 of the 2/REF/110 segment.

LP Late Payment
Use to indicate a late payment under the Prompt Payment Act.
Refer to 003040X12 Data Element Dictionary for acceptable code values.

ADX03 **128** **Reference Number Qualifier** **X** **ID** **2/2**
Code qualifying the Reference Number.
1. Use to indicate the previous invoice or other billing document number for affecting the current adjustment.

2. While any approved code may be used, listed codes are preferred.

AM Adjustment Memo
BL Government Bill of Lading
BM Bill of Lading Number
CL Seller's Credit Memo
CM Credit Memo
CN Carrier's Reference Number
DB Buyer;s debit Memo
DL Debit Memo
IK Invoice Number
MB Master Bill of Lading
RZ Returned Goods Authorization Number
SI Shipper's Identifying Number for Shipment
TR Government Transporation Request
Refer to 003040X12 Data Element Dictionary for acceptable code values.

ADX04 **127** **Reference Number** **X** **AN** **1/30**
Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Segment: **DTM** **Date/Time/Period**
Position: 105
Loop: ADX
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify pertinent dates and times
Notes:
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.
2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	DTM01	374	**Date/Time Qualifier** Code specifying type of date or time, or both date and time. 140 Actual *Use to indicate the actual date of the document specified in the immediately preceding ADX segment.*	M	ID	3/3
	DTM02	373	**Date** Date (YYMMDD).	X	DT	6/6
X	DTM03	337	**Time** 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)	X	TM	4/8
X	DTM04	623	**Time Code** 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.	O	ID	2/2
X	DTM05	624	**Century** The first two characters in the designation of the year (CCYY).	O	N0	2/2
	DTM06	1250	**Date Time Period Format Qualifier** Code indicating the date format, time format, or date and time format. *Use to identify the period for which interest was owed under the Prompt Payment Act in the preceding ADX segment.* Refer to 003040X12 Data Element Dictionary for acceptable code values.	X	ID	2/3
	DTM07	1251	**Date Time Period** Expression of a date, a time, or range of dates, times or dates and times.	X	AN	1/35

Segment: **REF** **Reference Numbers**
Position: 110
Loop: REF
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify identifying numbers.
Notes: Use this segment, if applicable, to cite ancillary reference numbers relating to the preceding ADX segment.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	**REF01**	**128**	**Reference Number Qualifier** Code qualifying the Reference Number. *Use any code to cite an ancillary reference number relating to the data contained in the immediately preceding ADX segment.* *RB Rate code number* *When ADX02 is code L6, use to indicate the interest rate used to calculate the interest paid in the preceding ADX segmet.* Refer to 003040X12 Data Element Dictionary for acceptable code values.	**M**	**ID**	**2/2**
	REF02	**127**	**Reference Number** Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	**X**	**AN**	**1/30**
	REF03	**352**	**Description** A free-form description to clarify the related data elements and their content. *When ADX02 is code L7 or L8, use to provide an explanation of the miscellaneous deduction or credit resulting from the document number cited in the REF01/02.*	**X**	**AN**	**1/80**

Segment: **RMR** **Remittance Advice Accounts Receivable Open Item Reference**
Position: **150**
Loop: RMR
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
Notes: 1. Use multiple iterations of the 2/RMR/150 loop as needed to indicate individual invoice numbers included within the remittance amount.

2. This segment is not necessary when the cited party can be identified by a code value in N101/03/04. Use, when necessary, to cite the address to appear on a payment check when that method of payment has been approved.

3. Use to identify all open items to be included in the cash application (i.e., invoices, seller credit memos, etc.). Include agency data as available, in all relevant data elements in each iteration of an RMR segment.

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

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

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 RMR04 is the amount paid.
4 RMR05 may be needed by some payees to distinguish between duplicate reference numbers.
5 RMR06 may be used to specify discount taken.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
RMR01	**128**	**Reference Number Qualifier** Code qualifying the Reference Number. *When used in a system employing evaluated receipt settlement (ERS), there must be at least one iteration of the RMR segment citing one of codes BM, PK, or SI in data element RMR01.* 1V Related Vendor Order Number A vendor's order number that is in addition to a primary order number AM Adjustment Memo (Charge Back) BM Bill of Lading Number CL Seller's Credit Memo DL Debit Memo IV Seller's Invoice Number OI Original Invoice Number PK Packing List Number R7 Accounts Receivable Open Item *Use, as applicable, as a generic reference to an open*	**X ID 2/2**

item unless another listed qualifier code defines the precise nature of the item being referenced.

SI — Shipper's Identifying Number for Shipment (SID)
A unique number (to the shipper) assigned by the shipper to identify the shipment

RMR02 127 Reference Number — **X AN 1/30**
Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

RMR03 482 Payment Action Code — **O ID 2/2**
Code specifying the type of accounts receivable open item(s) to be included in a cash application.

ER — Evaluated Receipts Settlement
NS — Not Specified (Unknown as to Type of Payment)
PA — Payment in Advance
PI — Pay Item
Use in preference over code PP when an item is expected to be cleared.
PO — Payment on Account
PP — Partial Payment
Do not use for progressive payment. This code is used only when a partial payment is applicable. Data maintenance shall be requested for the addition of a code to indicate an applicable progress payment. Do not use this code if an item is expected to be cleared. Use code PI instead.

RMR04 782 Monetary Amount — **O R 1/15**
Monetary amount.
1. Use to indicate the amount paid on the specified invoice.

2. A decimal point is required when amount is in dollars and cents.

RMR05 777 Total Invoice or Credit/Debit Amount — **O R 1/15**
Amount of Invoice (including charges, less allowances) before terms discount (if discount is applicable) or debit amount or credit amount of referenced items.
Use to indicate the amount invoiced for.

RMR06 780 Amount of Discount Taken — **O R 1/15**
Amount of discount taken, which may be less than or equal to the amount of discount permitted

Segment: **REF** **Reference Numbers**
Position: 170
Loop: RMR
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying numbers.
Notes: This segment contains ancillary reference numbers relating to the preceding RMR segment. This segment shall not be used to identify the primary document number. Instead, cite that number in data elements RMR01/02.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	**REF01**	**128**	**Reference Number Qualifier** Code qualifying the Reference Number. *While any code can be used, listed codes are preferred.* *AA Accounts Receivable Statement Number* *BL Government Bill of Lading* *BM Bill of Lading* *BT Batch Number* *CK Check Number* *CN Carrier's Reference Number* *DO Delivery Order Number* *DP Department Number* *GC Government Contract Number* *IV Seller's Invoice Number* *MB Master Bill of Lading* *MG Meter Number* *PO Purchase Order Number* *RZ Returned Goods Authorization Number* *SH Sender Defined Clause* *SI Shipper's Identifying Number of Shipment* *ST Store Number* *TR Government Transportation Request* *VV Voucher* *XG Airline Ticket Number* *XH Contract Auditor ID Number* Refer to 003040X12 Data Element Dictionary for acceptable code values.	**M**	**ID**	**2/2**
	REF02	**127**	**Reference Number** Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	**X**	**AN**	**1/30**
X	**REF03**	**352**	**Description** A free-form description to clarify the related data elements and their content.	**X**	**AN**	**1/80**

Segment: **DTM** **Date/Time Reference**
Position: 180
Loop: RMR
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify pertinent dates and times
Notes: Cite the date of the document specified in the preceding RMR segment.
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.
2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	**DTM01**	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time. *The actual date of the document cited in the preceding data element RMR02.* 140 Actual	**M**	**ID**	**3/3**
	DTM02	**373**	**Date** Date (YYMMDD).	**X**	**DT**	**6/6**
X	**DTM03**	**337**	**Time** 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)	**X**	**TM**	**4/8**
X	**DTM04**	**623**	**Time Code** 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.	**O**	**ID**	**2/2**
X	**DTM05**	**624**	**Century** The first two characters in the designation of the year (CCYY).	**O**	**N0**	**2/2**
X	**DTM06**	**1250**	**Date Time Period Format Qualifier** Code indicating the date format, time format, or date and time format.	**X**	**ID**	**2/3**
X	**DTM07**	**1251**	**Date Time Period** Expression of a date, a time, or range of dates, times or dates and times.	**X**	**AN**	**1/35**

Segment: **ADX** **Adjustment**
Position: **210**
Loop: ADX
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
Notes: 1. When payment amount varies from invoice amount, use multiple iterations of this 2/ADX/210 loop as needed to identify one or more adjustments to the current invoice indicated in the corresponding 2/RMR/150 loop.

2. Use this 2/ADX/210 segment only when payment method is CTX (BPR05 is code CTX).

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

	Ref. Des.	Data Element	Name	Attributes		
>>	**ADX01**	**782**	**Monetary Amount** Monetary amount. *1. Use to indicate the adjustment amount.* *2. Use a minus sign to indicate a debit.* *3. A decimal point is required when amount is in dollars and cents.*	**M**	**R**	**1/15**
>>	**ADX02**	**426**	**Adjustment Reason Code** Code indicating reason for credit memo, or adjustment to invoice, credit memo, or payment. *While any approved code may be used, listed codes are preferred.* *01 Pricing Error* *06 Quantity Contested* *11 Returns - Damage* *22 Weight Error* *23 Special Charge Not Authorized* *54 Freight Deducted* *55 Tax deducted* *72 Authorized Return* *74 Cancel or Adjust Prior Credit/Debit Adjustment* *75 Total Order Not Received* *87 Duplicate Shipment* *A2 Misshipped* *A4 Nonreceipt of Goods* *E9 Order Cancelled* *L6 Interest Owed*	**M**	**ID**	**2/2**

		Use to indicate late payment penalty under the Prompt Payment Act. *L7 Miscellaneous Deduction* *L8 Miscellaneous Credit* Refer to 003040X12 Data Element Dictionary for acceptable code values.			
ADX03	**128**	**Reference Number Qualifier** Code qualifying the Reference Number. Refer to 003040X12 Data Element Dictionary for acceptable code values.	**X**	**ID**	**2/2**
ADX04	**127**	**Reference Number** Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	**X**	**AN**	**1/30**

Segment: **REF** **Reference Numbers**
Position: 240
Loop: REF
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify identifying numbers.
Notes: Use this segment, if applicable, to cite ancillary reference numbers relating to the preceding ADX segment.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	**REF01**	**128**	**Reference Number Qualifier** Code qualifying the Reference Number. *Use any code to cite an ancillary reference number relating to the data contained in the immediately preceding ADX segment.* *RB Rate Code number* *When ADX02 is code L6, use to indicate the interest rate used to calculate the interest paid in the preceding ADX segment.* Refer to 003040X12 Data Element Dictionary for acceptable code values.	**M**	**ID**	**2/2**
	REF02	**127**	**Reference Number** Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	**X**	**AN**	**1/30**
X	**REF03**	**352**	**Description** A free-form description to clarify the related data elements and their content.	**X**	**AN**	**1/80**

Segment: **DTM** **Date/Time/Period**
Position: 250
Loop: REF
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify pertinent dates and times
Notes:
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.
2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	DTM01	374	**Date/Time Qualifier** Code specifying type of date or time, or both date and time. 140 Actual *Use to indicate the actual date of the document specified in the immediately preceding ADX segment.*	M	ID	3/3
	DTM02	373	**Date** Date (YYMMDD).	X	DT	6/6
X	DTM03	337	**Time** 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)	X	TM	4/8
X	DTM04	623	**Time Code** 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.	O	ID	2/2
X	DTM05	624	**Century** The first two characters in the designation of the year (CCYY).	O	N0	2/2
	DTM06	1250	**Date Time Period Format Qualifier** Code indicating the date format, time format, or date and time format. *Use to identify the period for which interest was owed under the Prompt Payment Act in the preceding ADX segment.* RD6 Range of Dates Expressed in Format YYMMDD-YYMMDD	X	ID	2/3
	DTM07	1251	**Date Time Period** Expression of a date, a time, or range of dates, times or dates and times.	X	AN	1/35

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).
Notes:
Syntax Notes:
Semantic Notes:
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	**SE01**	**96**	**Number of Included Segments** Total number of segments included in a transaction set including ST and SE segments.	**M**	**N0**	**1/10**
>>	**SE02**	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set *Cite the same number that is contained in ST02.*	**M**	**AN**	**4/9**

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