

# 820 Payment Order/Remittance Advice

## Functional Group=RA

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:

- 2/010 The ENT loop is for vendor payments.
- 2/280 The TXP loop is for tax payments.
- 2/287 The DED loop is for child support payments.
- 2/290 The LX loop is for pension payments.

### Comments:

- 1/035 The TRN segment is used to uniquely identify a payment order/remittance advice.
- 1/040 The CUR segment does not initiate a foreign exchange transaction.
- 1/070 The N1 loop allows for name/address information for the payer and payee which would be utilized to address remittance(s) for delivery.
- 2/010 ENT09 may contain the payee's accounts receivable customer number.
- 2/020 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).
- 2/080 This ADX loop contains adjustment items which are not netted to an RMR segment in this transaction set.
- 2/130 Loop IT1 within the ADX loop is the adjustment line item detail loop.
- 2/150 Loop RMR is for open items being referenced or for payment on account.
- 2/190 Loop IT1 within the RMR loop is the remittance line item detail loop.
- 2/210 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).
- 2/260 Loop IT1 within the ADX loop is the adjustment line item detail loop.

### Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	BPR	Beginning Segment for Payment Order/Remittance Advice	M	1			Must use
* 030	NTE	Note/Special Instruction	O	>1			Not used
035	TRN	Trace	O	1		C1/035	Used
* 040	CUR	Currency	O	1		C1/040	Not used
050	REF	Reference Numbers	O	>1			Used
* 060	DTM	Date/Time Reference	O	>1			Not used
<b>LOOP ID - N1</b>						<b>≥1</b>	
070	N1	Name	O	1		C1/070	Used
* 080	N2	Additional Name Information	O	>1			Not used
090	N3	Address Information	O	>1			Used
100	N4	Geographic Location	O	1			Used
* 110	REF	Reference Numbers	O	>1			Not used
* 120	PER	Administrative Communications Contact	O	>1			Not used

**Detail:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<b><u>LOOP ID - ENT</u></b>						<b><u>≥1</u></b>	
010	ENT	Entity	O	1		C&N2/010	Used
<b><u>LOOP ID - N1</u></b>						<b><u>≥1</u></b>	
020	N1	Name	O	1		C2/020	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 Numbers	O	>1			Used
* 070	PER	Administrative Communications Contact	O	>1			Not used
<b><u>LOOP ID - ADX</u></b>						<b><u>≥1</u></b>	
* 080	ADX	Adjustment	O	1		C2/080	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			Not used
<b><u>LOOP ID - REF</u></b>						<b><u>≥1</u></b>	
* 110	REF	Reference Numbers	O	1			Not used
* 120	DTM	Date/Time Reference	O	>1			Not used
<b><u>LOOP ID - IT1</u></b>						<b><u>≥1</u></b>	
* 130	IT1	Baseline Item Data (Invoice)	O	1		C2/130	Not used
<b><u>LOOP ID - REF</u></b>						<b><u>≥1</u></b>	
* 140	REF	Reference Numbers	O	1			Not used
* 141	DTM	Date/Time Reference	O	1			Not used
<b><u>LOOP ID - SAC</u></b>						<b><u>≥1</u></b>	
* 142	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Not used
* 143	TXI	Tax Information	O	>1			Not used
<b><u>LOOP ID - SLN</u></b>						<b><u>≥1</u></b>	
* 144	SLN	Subline Item Detail	O	1			Not used
<b><u>LOOP ID - REF</u></b>						<b><u>≥1</u></b>	
* 145	REF	Reference Numbers	O	1			Not used
* 146	DTM	Date/Time Reference	O	>1			Not used
<b><u>LOOP ID - SAC</u></b>						<b><u>≥1</u></b>	
* 147	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Not used
* 148	TXI	Tax Information	O	>1			Not used
<b><u>LOOP ID - RMR</u></b>						<b><u>≥1</u></b>	
150	RMR	Remittance Advice Accounts Receivable Open Item Reference	O	1		C2/150	Used
* 160	NTE	Note/Special Instruction	O	>1			Not used
170	REF	Reference Numbers	O	>1			Used
180	DTM	Date/Time Reference	O	>1			Used

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<b><u>LOOP ID - IT1</u></b>						<b><u>≥1</u></b>	
* 190	IT1	Baseline Item Data (Invoice)	O	1		C2/190	Not used
<b><u>LOOP ID - REF</u></b>						<b><u>≥1</u></b>	
* 200	REF	Reference Numbers	O	1			Used
* 201	DTM	Date/Time Reference	O	1			Used
<b><u>LOOP ID - SAC</u></b>						<b><u>≥1</u></b>	
* 202	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
* 203	TXI	Tax Information	O	>1			Used
<b><u>LOOP ID - SLN</u></b>						<b><u>≥1</u></b>	
* 204	SLN	Subline Item Detail	O	1			Used
<b><u>LOOP ID - REF</u></b>						<b><u>≥1</u></b>	
* 205	REF	Reference Numbers	O	1			Used
* 206	DTM	Date/Time Reference	O	>1			Used
<b><u>LOOP ID - SAC</u></b>						<b><u>≥1</u></b>	
* 207	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
* 208	TXI	Tax Information	O	>1			Used
<b><u>LOOP ID - ADX</u></b>						<b><u>≥1</u></b>	
* 210	ADX	Adjustment	O	1		C2/210	Not used
* 220	NTE	Note/Special Instruction	O	>1			Not used
* 230	PER	Administrative Communications Contact	O	>1			Not used
<b><u>LOOP ID - REF</u></b>						<b><u>≥1</u></b>	
* 240	REF	Reference Numbers	O	1			Not used
* 250	DTM	Date/Time Reference	O	>1			Not used
<b><u>LOOP ID - IT1</u></b>						<b><u>≥1</u></b>	
* 260	IT1	Baseline Item Data (Invoice)	O	1		C2/260	Not used
<b><u>LOOP ID - REF</u></b>						<b><u>≥1</u></b>	
* 270	REF	Reference Numbers	O	1			Not used
* 271	DTM	Date/Time Reference	O	1			Not used
<b><u>LOOP ID - SAC</u></b>						<b><u>≥1</u></b>	
* 272	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Not used
* 273	TXI	Tax Information	O	>1			Not used
<b><u>LOOP ID - SLN</u></b>						<b><u>≥1</u></b>	
* 274	SLN	Subline Item Detail	O	1			Not used
<b><u>LOOP ID - REF</u></b>						<b><u>≥1</u></b>	
* 275	REF	Reference Numbers	O	1			Not used
* 276	DTM	Date/Time Reference	O	>1			Not used

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<b>LOOP ID - SAC</b>						<b>≥1</b>	
* 277	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Not used
* 278	TXI	Tax Information	O	>1			Not used
<b>LOOP ID - TXP</b>						<b>≥1</b>	
* 280	TXP	Tax Payment	O	1		N2/280	Not used
* 285	TXI	Tax Information	O	>1			Not used
<b>LOOP ID - DED</b>						<b>≥1</b>	
* 287	DED	Deductions	O	1		N2/287	Not used
<b>LOOP ID - LX</b>						<b>≥1</b>	
* 290	LX	Assigned Number	O	1		N2/290	Not used
* 295	REF	Reference Numbers	O	>1			Not used
* 300	TRN	Trace	O	>1			Not used
<b>LOOP ID - NM1</b>						<b>≥1</b>	
* 305	NM1	Individual or Organizational Name	O	1			Not used
* 310	REF	Reference Numbers	O	>1			Not used
* 315	G53	Maintenance Type	O	1			Not used
<b>LOOP ID - AIN</b>						<b>≥1</b>	
* 320	AIN	Income	O	1			Not used
* 325	QTY	Quantity	O	>1			Not used
* 330	DTP	Date or Time or Period	O	>1			Not used
<b>LOOP ID - PEN</b>						<b>≥1</b>	
* 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			Not used
<b>LOOP ID - INV</b>						<b>≥1</b>	
* 350	INV	Investment Vehicle Selection	O	1			Not used
* 355	DTP	Date or Time or Period	O	>1			Not used

**Summary:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	SE	Transaction Set Trailer	M	1			Must use

# ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

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

## Semantics:

- 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).

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use
		<b>Description:</b> Code uniquely identifying a Transaction Set.				
		<u>Code</u>		<u>Name</u>		
		820		X12.4 Payment Order/Remittance Advice		
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
		<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				
		<b>Implementation Notes:</b> <i>The number is assigned by the sender's translation software to identify the transaction set.</i>				

# BPR Beginning Segment for Payment Order/Remittance Advice

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 21

- (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

### Syntax:

1. BPR06 P0607 -- If either BPR06 or BPR07 are present, then the others are required.
2. BPR08 C0809 -- If BPR08 is present, then BPR09 is required
3. BPR12 P1213 -- If either BPR12 or BPR13 are present, then the others are required.
4. BPR14 C1415 -- If BPR14 is present, then BPR15 is required
5. BPR18 P1819 -- If either BPR18 or BPR19 are present, then the others are required.
6. BPR20 C2021 -- If BPR20 is present, then BPR21 is required

### Semantics:

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.
3. BPR06 and BPR07 relate to the originating depository financial institution (ODFI).
4. BPR08 is a code identifying the type of bank account or other financial asset.
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 the 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:

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.

### Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BPR01	305	<b>Transaction Handling Code</b>	M	ID	1/2	Must use
		<b>Description:</b> Code designating the action to be taken by all parties.				
		<u>Code</u>		<u>Name</u>		
		C		Payment Accompanies Remittance Advice		
		P		Prenotification of Future Transfers (ACH Debit Requirements)		
BPR02	782	<b>Monetary Amount</b>	M	R	1/15	Must use
		<b>Description:</b> Monetary amount.				
		<b>Implementation Notes:</b> Use this data field to relay the amount of payment.				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BPR03	478	<b>Credit/Debit Flag Code</b> <b>Description:</b> Code indicating whether amount is a credit or debit	M	ID	1/1	Must use
		<u>Code</u> <u>Name</u> C                              Credit				
BPR04	591	<b>Payment Method Code</b> <b>Description:</b> Code identifying the method for the movement of payment instructions	M	ID	3/3	Must use
		<u>Code</u> <u>Name</u> ACH                          Automated Clearing House (ACH)				
BPR05	812	<b>Payment Format Code</b> <b>Description:</b> Code identifying the payment format to be used.	O	ID	1/10	Used
		<u>Code</u> <u>Name</u> CTX                          Corporate Trade Exchange (CTX) (ACH)				
BPR06	506	<b>(DFI) ID Number Qualifier</b> <b>Description:</b> Code identifying the type of identification number of Depository Financial Institution (DFI).	C	ID	2/2	Used
		<u>Code</u> <u>Name</u> 01                              ABA Transit Routing Number Including Check Digits (9 digits)				
BPR07	507	<b>(DFI) Identification Number</b> <b>Description:</b> Depository Financial Institution (DFI) identification number. <b>Implementation Notes:</b> Use this data field to relay the payor's bank identification number.	C	AN	3/12	Used
BPR08	569	<b>Account Number Qualifier</b> <b>Description:</b> Code indicating the type of account.	O	ID	1/3	Used
		<u>Code</u> <u>Name</u> DA                              Demand Deposit				
BPR09	508	<b>Account Number</b> <b>Description:</b> Account number assigned. <b>Implementation Notes:</b> Use this data field to relay the payor's account number.	C	AN	1/35	Used
BPR10	509	<b>Originating Company Identifier</b> <b>Description:</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. <b>Implementation Notes:</b> Use this data field to relay the DUNS+4 Payor's Identification Number.	O	AN	10/10	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
* BPR11	510	<b>Originating Company Supplemental Code</b> <b>Description:</b> A code defined between the originating company and the originating depository financial institution (ODFI) that uniquely identifies the company initiating the transfer instructions.	O	AN	9/9	Not used
BPR12	506	<b>(DFI) ID Number Qualifier</b> <b>Description:</b> Code identifying the type of identification number of Depository Financial Institution (DFI).	C	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		01                      ABA Transit Routing Number Including Check Digits (9 digits)				
BPR13	507	<b>(DFI) Identification Number</b> <b>Description:</b> Depository Financial Institution (DFI) identification number. <b>Implementation Notes:</b> Use this data field payee's bank identification number.	C	AN	3/12	Used
BPR14	569	<b>Account Number Qualifier</b> <b>Description:</b> Code indicating the type of account.	O	ID	1/3	Used
		<u>Code</u> <u>Name</u>				
		DA                      Demand Deposit				
BPR15	508	<b>Account Number</b> <b>Description:</b> Account number assigned. <b>Implementation Notes:</b> Use this data field to relay the payee's account number.	C	AN	1/35	Used
BPR16	373	<b>Date</b> <b>Description:</b> Date (YYMMDD). <b>Implementation Notes:</b> Use this data field to relay the date the deposit is to be made.	O	DT	6/6	Used
* BPR17	1048	<b>Business Function Code</b> <b>Description:</b> Code identifying the business reason for this payment All valid standard codes are used.	O	ID	1/3	Not used
* BPR18	506	<b>(DFI) ID Number Qualifier</b> <b>Description:</b> Code identifying the type of identification number of Depository Financial Institution (DFI). All valid standard codes are used.	C	ID	2/2	Not used
* BPR19	507	<b>(DFI) Identification Number</b> <b>Description:</b> Depository Financial Institution (DFI) identification number.	C	AN	3/12	Not used
* BPR20	569	<b>Account Number Qualifier</b> <b>Description:</b> Code indicating the type of account. All valid standard codes are used.	O	ID	1/3	Not used
* BPR21	508	<b>Account Number</b> <b>Description:</b> Account number assigned.	C	AN	1/35	Not used

# TRN Trace

<b>Pos:</b> 035	<b>Max:</b> 1
<b>Heading - Optional</b>	
<b>Loop:</b> N/A	<b>Elements:</b> 4

To uniquely identify a transaction to an application.

### Semantics:

1. TRN02 provides unique identification for the transaction.
2. TRN03 identifies an organization.
3. TRN04 identifies a further subdivision within the organization.

### Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
TRN01	481	<b>Trace Type Code</b> <b>Description:</b> Code identifying which transaction is being referenced.	M	ID	1/2	Must use				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Current Transaction Trace Numbers</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	1	Current Transaction Trace Numbers				
<u>Code</u>	<u>Name</u>									
1	Current Transaction Trace Numbers									
TRN02	127	<b>Reference Number</b> <b>Description:</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. <b>Implementation Notes:</b> <i>The reference number is assigned by the sender.</i>	M	AN	1/30	Must use				
* TRN03	509	<b>Originating Company Identifier</b> <b>Description:</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				
* TRN04	127	<b>Reference Number</b> <b>Description:</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	O	AN	1/30	Not used				

# REF Reference Numbers

Pos: 050	Max: >1
Heading - Optional	
Loop: N/A	Elements: 3

To specify identifying numbers.

## Syntax:

- REF02 R0203 -- At least one of REF02 or REF03 is required.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
REF01	128	<b>Reference Number Qualifier</b> <b>Description:</b> Code qualifying the Reference Number.	M	ID	2/2	Must use				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>TN</td> <td>Transaction Reference Number</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	TN	Transaction Reference Number				
<u>Code</u>	<u>Name</u>									
TN	Transaction Reference Number									
REF02	127	<b>Reference Number</b> <b>Description:</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. <b>Implementation Notes:</b> <i>Use this data field to relay the trace number.</i>	C	AN	1/30	Used				
* REF03	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content.	C	AN	1/80	Not used				

# N1 Name

<b>Pos: 070</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 6</b>

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

### Syntax:

1. N102 R0203 -- At least one of N102 or N103 is required.
2. N103 P0304 -- If either N103 or N104 are present, then the others are required.

### 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.

### Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
N101	98	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, or an individual	M	ID	2/2	Must use				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>41</td> <td>Submitter</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	41	Submitter				
<u>Code</u>	<u>Name</u>									
41	Submitter									
N102	93	<b>Name</b> <b>Description:</b> Free-form name. <b>Implementation Notes:</b> <i>Use this data field to relay the name of the payer using free-form text.</i>	C	AN	1/35	Used				
* N103	66	<b>Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67). All valid standard codes are used.	C	ID	1/2	Not used				
* N104	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code.	C	AN	2/20	Not used				
* N105	706	<b>Entity Relationship Code</b> <b>Description:</b> Code describing entity relationship. All valid standard codes are used.	O	ID	2/2	Not used				
* N106	98	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, or an individual All valid standard codes are used.	O	ID	2/2	Not used				

# N3 Address Information

Pos: 090	Max: >1
Heading - Optional	
Loop: N1	Elements: 2

To specify the location of the named party

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	<b>Address Information</b> <b>Description:</b> Address information <b>Implementation Notes:</b> <i>Use this data field to relay additional address information.</i>	M	AN	1/35	Must use
* N302	166	<b>Address Information</b> <b>Description:</b> Address information	O	AN	1/35	Not used

# N4 Geographic Location

<b>Pos: 100</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 6</b>

To specify the geographic place of the named party

## Syntax:

1. N406 C0605 -- If N406 is present, then N405 is required

## 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.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	<b>City Name</b> <b>Description:</b> Free-form text for city name. <b>Implementation Notes:</b> <i>Use this data field to relay the name of the city in which the company resides.</i>	O	AN	2/30	Used
N402	156	<b>State or Province Code</b> <b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency. <b>Implementation Notes:</b> <i>Use this data field to relay the name of the state in which the company resides.</i>	O	ID	2/2	Used
N403	116	<b>Postal Code</b> <b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States). <b>Implementation Notes:</b> <i>Use this data field to relay the postal code for the city in which the company resides.</i>	O	ID	3/11	Used
* N404	26	<b>Country Code</b> <b>Description:</b> Code identifying the country.	O	ID	2/3	Not used
* N405	309	<b>Location Qualifier</b> <b>Description:</b> Code identifying type of location. All valid standard codes are used.	C	ID	1/2	Not used
* N406	310	<b>Location Identifier</b> <b>Description:</b> Code which identifies a specific location.	O	AN	1/30	Not used

# ENT Entity

<b>Pos: 010</b>	<b>Max: 1</b>
<b>Detail - Optional</b>	
<b>Loop: ENT</b>	<b>Elements: 9</b>

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

## Syntax:

1. ENT02 P020304 -- If either ENT02, ENT03 or ENT04 are present, then the others are required.
2. ENT05 P050607 -- If either ENT05, ENT06 or ENT07 are present, then the others are required.
3. ENT08 P0809 -- If either ENT08 or ENT09 are present, then the others are required.

## 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:
2. (1) Single/Single: Only ENT01 is necessary because there is a single entity (the sending master) communicating with a single entity (the receiving master).
3. (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.
4. (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.
5. (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.
6. This segment also allows for the transmission of a unique reference number that is meaningful between the entities.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ENT01	554	<b>Assigned Number</b> <b>Description:</b> Number assigned for differentiation within a transaction set. <b>Implementation Notes:</b> <i>This data field should contain the assigned line item number.</i>	O	N0	1/6	Used
* ENT02	98	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, or an individual All valid standard codes are used.	C	ID	2/2	Not used
* ENT03	66	<b>Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67). All valid standard codes are used.	C	ID	1/2	Not used
* ENT04	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code.	C	AN	2/20	Not used
* ENT05	98	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, or an individual All valid standard codes are used.	C	ID	2/2	Not used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
* ENT06	66	<b>Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67). All valid standard codes are used.	C	ID	1/2	Not used
* ENT07	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code.	C	AN	2/20	Not used
* ENT08	128	<b>Reference Number Qualifier</b> <b>Description:</b> Code qualifying the Reference Number. All valid standard codes are used.	C	ID	2/2	Not used
* ENT09	127	<b>Reference Number</b> <b>Description:</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	C	AN	1/30	Not used

# N1 Name

<b>Pos: 020</b>	<b>Max: 1</b>
<b>Detail - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 6</b>

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

### Syntax:

1. N102 R0203 -- At least one of N102 or N103 is required.
2. N103 P0304 -- If either N103 or N104 are present, then the others are required.

### 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.

### Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
N101	98	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, or an individual	M	ID	2/2	Must use				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>PR</td> <td>Payer</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	PR	Payer				
<u>Code</u>	<u>Name</u>									
PR	Payer									
N102	93	<b>Name</b> <b>Description:</b> Free-form name. <b>Implementation Notes:</b> <i>Use this data field to relay the name of the payer using free-form text.</i>	C	AN	1/35	Used				
* N103	66	<b>Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67). All valid standard codes are used.	C	ID	1/2	Not used				
* N104	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code.	C	AN	2/20	Not used				
* N105	706	<b>Entity Relationship Code</b> <b>Description:</b> Code describing entity relationship. All valid standard codes are used.	O	ID	2/2	Not used				
* N106	98	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, or an individual All valid standard codes are used.	O	ID	2/2	Not used				

# REF Reference Numbers

Pos: 060	Max: >1
Detail - Optional	
Loop: N1	Elements: 3

To specify identifying numbers.

## Syntax:

- REF02 R0203 -- At least one of REF02 or REF03 is required.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
REF01	128	<b>Reference Number Qualifier</b> <b>Description:</b> Code qualifying the Reference Number.	M	ID	2/2	Must use				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>EO</td> <td>Submitter Identification Number</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	EO	Submitter Identification Number				
<u>Code</u>	<u>Name</u>									
EO	Submitter Identification Number									
REF02	127	<b>Reference Number</b> <b>Description:</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. <b>Implementation Notes:</b> <i>Use this data field to relay the payer code.</i>	C	AN	1/30	Used				
REF03	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content. <b>Implementation Notes:</b> <i>Must report to a Federal or Indian Indicator:</i> <i>F - Federal Indicator</i> <i>I - Indian Indicator</i>	C	AN	1/80	Used				

# RMR Remittance Advice Accounts Receivable Open Item Reference

Pos: 150	Max: 1
Detail - Optional	
Loop: RMR	Elements: 6

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

### Syntax:

1. RMR01 P0102 -- If either RMR01 or RMR02 are present, then the others are required.

### Semantics:

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 which may be less than or equal to the amount of discount permitted.

### 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.

### Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
RMR01	128	<b>Reference Number Qualifier</b> <b>Description:</b> Code qualifying the Reference Number.	C	ID	2/2	Used
		<u>Code</u> <u>Name</u> FG                              Fund Identification Number				
RMR02	127	<b>Reference Number</b> <b>Description:</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	C	AN	1/30	Used
		<b>Implementation Notes:</b> <i>Use this data field to relay the MMS Fund Quote.</i>				
RMR03	482	<b>Payment Action Code</b> <b>Description:</b> Code specifying the type of accounts receivable open item(s) to be included in a cash application.	O	ID	2/2	Used
		<u>Code</u> <u>Name</u> PI                              Pay Item				
RMR04	782	<b>Monetary Amount</b> <b>Description:</b> Monetary amount.	O	R	1/15	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>Implementation Notes:</b> Use this data field to relay the allocated amount.				
RMR05	782	<b>Monetary Amount</b>	O	R	1/15	Used
		<b>Description:</b> Monetary amount.				
		<b>Implementation Notes:</b> Use this data field to relay the amount due.				
* RMR06	782	<b>Monetary Amount</b>	O	R	1/15	Not used
		<b>Description:</b> Monetary amount.				

# REF Reference Numbers

Pos: 170	Max: >1
Detail - Optional	
Loop: RMR	Elements: 3

To specify identifying numbers.

## Syntax:

1. REF02 R0203 -- At least one of REF02 or REF03 is required.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>										
REF01	128	<b>Reference Number Qualifier</b> <b>Description:</b> Code qualifying the Reference Number.	M	ID	2/2	Must use										
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>1I</td> <td>Account Number</td> </tr> <tr> <td>2I</td> <td>Tracking Number</td> </tr> <tr> <td>DD</td> <td>Document Identification Code</td> </tr> <tr> <td>LC</td> <td>Lease Number</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	1I	Account Number	2I	Tracking Number	DD	Document Identification Code	LC	Lease Number				
<u>Code</u>	<u>Name</u>															
1I	Account Number															
2I	Tracking Number															
DD	Document Identification Code															
LC	Lease Number															
REF02	127	<b>Reference Number</b> <b>Description:</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. <b>Implementation Notes:</b> Use this data field to relay the number associated with the code given in REF01.	C	AN	1/30	Used										
REF03	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content. <b>Implementation Notes:</b> Use this data field to relay the four (4) character document type code.	C	AN	1/80	Used										

# DTM Date/Time Reference

Pos: 180	Max: >1
Detail - Optional	
Loop: RMR	Elements: 7

To specify pertinent dates and times

## Syntax:

1. DTM02 R020306 -- At least one of DTM02, DTM03 or DTM06 is required.
2. DTM06 P0607 -- If either DTM06 or DTM07 are present, then the others are required.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
DTM01	374	<b>Date/Time Qualifier</b> <b>Description:</b> Code specifying type of date or time, or both date and time.	M	ID	3/3	Must use				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>227</td> <td>Lease Term Start</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	227	Lease Term Start				
<u>Code</u>	<u>Name</u>									
227	Lease Term Start									
DTM02	373	<b>Date</b> <b>Description:</b> Date (YYMMDD). <b>Implementation Notes:</b> Use this data field to relay the lease anniversary date.	C	DT	6/6	Used				
* DTM03	337	<b>Time</b> <b>Description:</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)	C	TM	4/8	Not used				
* DTM04	623	<b>Time Code</b> <b>Description:</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. All valid standard codes are used.	O	ID	2/2	Not used				
DTM05	624	<b>Century</b> <b>Description:</b> The first two characters in the designation of the year (CCYY). <b>Implementation Notes:</b> The century is the first two (2) characters of the year.	O	N0	2/2	Used				
* DTM06	1250	<b>Date Time Period Format Qualifier</b> <b>Description:</b> Code indicating the date format, time format, or date and time format. All valid standard codes are used.	C	ID	2/3	Not used				
* DTM07	1251	<b>Date Time Period</b>	C	AN	1/35	Not used				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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**Description:** Expression of a date, a time, or range of dates, times or dates and times.

# SE Transaction Set Trailer

Pos: 010	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

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

## Comments:

- SE is the last segment of each transaction set.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	<b>Number of Included Segments</b> <b>Description:</b> Total number of segments included in a transaction set including ST and SE segments. <b>Implementation Notes:</b> <i>This data field should contain the total number of segments present in the transaction set including the ST and SE segments.</i>	M	N0	1/10	Must use
SE02	329	<b>Transaction Set Control Number</b> <b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <b>Implementation Notes:</b> <i>This should contain the same control number that relayed in ST02.</i>	M	AN	4/9	Must use