

International Truck and Engine Corporation




EDI 820 – Payment Order / Remittance Advice

VERSION: ANSI ASC X12 Version Release 4020

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March 18, 2002

 INTERNATIONAL EDI 820 Implementation Guide	Document Number: PUR-2001	
	Revision: 2.0	
	Revision Date: March 18, 2002	
Written by: EDI Analyst	Reviewed/ Approved by: Pat Verchota	This Document Applies to: X Truck X Engine X Service Parts

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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.

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>
0100	ST	Transaction Set Header	M	1			Must use
0200	BPR	Beginning Segment for Payment Order/Remittance Advice	M	1			Must use
0300	NTE	Note/Special Instruction	O	>1			Not used
0350	TRN	Trace	O	1		C1/0350	Used
0400	CUR	Currency	O	1		C1/0400	Used
0500	REF	Reference Identification	O	>1			Not used
0600	DTM	Date/Time Reference	O	>1			Used
LOOP ID - N1					≥1		
0700	N1	Name	O	1		C1/0700	Used
0800	N2	Additional Name Information	O	>1			Not Used
0900	N3	Address Information	O	>1			Not Used
1000	N4	Geographic Location	O	1			Not Used
1100	REF	Reference Identification	O	>1			Not Used
1200	PER	Administrative Communications Contact	O	>1			Not Used
1300	RDM	Remittance Delivery Method	O	1			Not Used
1400	DTM	Date/Time Reference	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>
LOOP ID - ENT					≥1		
0100	ENT	Entity	O	1		CN2/0100	Used
LOOP ID - NMI					≥1		
0200	NM1	Individual or Organizational Name	O	1		C2/0200	Not Used
0300	N2	Additional Name Information	O	>1			Not Used
0400	N3	Address Information	O	>1			Not Used
0500	N4	Geographic Location	O	1			Not Used
0600	REF	Reference Identification	O	>1			Not Used
0700	PER	Administrative Communications Contact	O	>1			Not Used
LOOP ID - ADX					≥1		
0800	ADX	Adjustment	O	1		C2/0800	Not Used
0900	NTE	Note/Special Instruction	O	>1			Not Used
1000	PER	Administrative Communications Contact	O	>1			Not Used
1050	DTM	Date/Time Reference	O	1			Not Used
LOOP ID - REF					≥1		
1100	REF	Reference Identification	O	1			Not Used
1200	DTM	Date/Time Reference	O	>1			Not Used
LOOP ID - IT1					≥1		
1300	IT1	Baseline Item Data (Invoice)	O	1		C2/1300	Not Used

1310	RPA	Rate Amounts or Percents	O	1		Not Used
1320	QTY	Quantity	O	1		Not Used
LOOP ID - REF						≥1
1400	REF	Reference Identification	O	1		Not Used
1410	DTM	Date/Time Reference	O	1		Not Used
LOOP ID - SAC						≥1
1420	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Not Used
1430	TXI	Tax Information	O	>1		Not Used
1440	DTM	Date/Time Reference	O	10		Not Used
LOOP ID - SLN						≥1
1450	SLN	Subline Item Detail	O	1		Not Used
LOOP ID - REF						≥1
1460	REF	Reference Identification	O	1		Not Used
1470	DTM	Date/Time Reference	O	>1		Not Used
LOOP ID - SAC						≥1
1480	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Not Used
1490	TXI	Tax Information	O	>1		Not Used
LOOP ID - RMR						≥1
1500	RMR	Remittance Advice Accounts Receivable Open Item Reference	O	1	C2/1500	Used
1600	NTE	Note/Special Instruction	O	>1		Not Used
1700	REF	Reference Identification	O	>1		Used
1800	DTM	Date/Time Reference	O	>1		Used
LOOP ID - IT1						≥1
1900	IT1	Baseline Item Data (Invoice)	O	1	C2/1900	Used
1920	RPA	Rate Amounts or Percents	O	1		Not Used
1940	QTY	Quantity	O	1		Not Used
LOOP ID - REF						≥1
2000	REF	Reference Identification	O	1		Not Used
2010	DTM	Date/Time Reference	O	1		Not Used
LOOP ID - SAC						≥1
2020	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used
2030	TXI	Tax Information	O	>1		Not Used
LOOP ID - SLN						≥1
2040	SLN	Subline Item Detail	O	1		Not Used
LOOP ID - REF						≥1
2050	REF	Reference Identification	O	1		Not Used
2060	DTM	Date/Time Reference	O	>1		Not Used
LOOP ID - SAC						≥1
2070	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Not Used
2080	TXI	Tax Information	O	>1		Not Used
LOOP ID - ADX						≥1
2100	ADX	Adjustment	O	1	C2/2100	Not Used
2200	NTE	Note/Special Instruction	O	>1		Not Used
2300	PER	Administrative Communications Contact	O	>1		Not Used
LOOP ID - REF						≥1
2400	REF	Reference Identification	O	1		Not Used
2500	DTM	Date/Time Reference	O	>1		Not Used

LOOP ID - IT1					≥1		
2600	IT1	Baseline Item Data (Invoice)	O	1		C2/2600	Not Used
2610	RPA	Rate Amounts or Percents	O	1			Not Used
2620	QTY	Quantity	O	1			Not Used
LOOP ID - REF					≥1		
2700	REF	Reference Identification	O	1			Not Used
2710	DTM	Date/Time Reference	O	1			Not Used
LOOP ID - SAC					≥1		
2720	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Not Used
2730	TXI	Tax Information	O	>1			Not Used
2740	DTM	Date/Time Reference	O	10			Not Used
LOOP ID - SLN					≥1		
2750	SLN	Subline Item Detail	O	1			Not Used
LOOP ID - REF					≥1		
2760	REF	Reference Identification	O	1			Not Used
2770	DTM	Date/Time Reference	O	>1			Not Used
LOOP ID - SAC					≥1		
2780	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Not Used
2790	TXI	Tax Information	O	>1			Not Used
LOOP ID - TXP					≥1		
2800	TXP	Tax Payment	O	1		N2/2800	Not Used
2850	TXI	Tax Information	O	>1			Not Used
LOOP ID - DED					≥1		
2870	DED	Deductions	O	1		N2/2870	Not Used
LOOP ID - LX					≥1		
2900	LX	Assigned Number	O	1		N2/2900	Not Used
2950	REF	Reference Identification	O	>1			Not Used
3000	TRN	Trace	O	>1			Not Used
LOOP ID - NM1					≥1		
3050	NM1	Individual or Organizational Name	O	1			Not Used
3100	REF	Reference Identification	O	>1			Not Used
3150	G53	Maintenance Type	O	1			Not Used
LOOP ID - AIN					≥1		
3200	AIN	Income	O	1			Not Used
3250	QTY	Quantity	O	>1			Not Used
3300	DTP	Date or Time or Period	O	>1			Not Used
LOOP ID - PEN					≥1		
3350	PEN	Pension Information	O	1			Not Used
3400	AMT	Monetary Amount	O	>1			Not Used
3450	DTP	Date or Time or Period	O	>1			Not Used
LOOP ID - INV					≥1		
3500	INV	Investment Vehicle Selection	O	1			Not Used
3550	DTP	Date or Time or Period	O	>1			Not Used
LOOP ID - N9					1		
3600	N9	Reference Identification	O	1		N2/3600	Not Used
LOOP ID - AMT					≥1		
3700	AMT	Monetary Amount	O	1		C2/3700	Not Used
3800	REF	Reference Identification	O	>1			Not Used
LOOP ID - N1					≥1		

International Truck and Engine Corporation			X12V4020		Payment Order/Remittance Advice - 820	
3900	N1	Name	O	1		Not Used
4000	REF	Reference Identification	O	>1		Not Used
LOOP ID - EMS				≥1		
4100	EMS	Employment Position	O	1		Not Used
4200	ATN	Attendance	O	>1		Not Used
4300	AIN	Income	O	>1		Not Used
4400	PYD	Payroll Deduction	O	>1		Not Used
LOOP ID - RYL				≥1		
4500	RYL	Royalty Payment	O	1	N2/4500	Not Used
LOOP ID - NMI				≥1		
4600	NM1	Individual or Organizational Name	O	1		Not Used
LOOP ID - LOC				≥1		
4700	LOC	Location	O	1		Not Used
LOOP ID - PID				≥1		
4800	PID	Product/Item Description	O	1		Not Used
4900	DTM	Date/Time Reference	O	1		Not Used
LOOP ID - PCT				≥1		
5000	PCT	Percent Amounts	O	1		Not Used
5100	QTY	Quantity	O	1		Not Used
LOOP ID - AMT				≥1		
5200	AMT	Monetary Amount	O	1		Not Used
5300	ADX	Adjustment	O	>1		Not Used
LOOP ID - ASM				1		
5400	ASM	Amount and Settlement Method	O	1		Not Used
5500	ADX	Adjustment	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>
0100	SE	Transaction Set Trailer	M	1			Must use

Notes:

- 2/0100 The ENT loop is for vendor or consumer third party consolidated payments.
- 2/2800 The TXP loop is for tax payments.
- 2/2870 The DED loop is for child support payments.
- 2/2900 The LX loop is for pension payments.
- 2/3600 The N9 loop is for payroll payments.
- 2/4500 The RYL loop is for royalty payments.

Comments:

- 1/0350 The TRN segment is used to uniquely identify a payment order/remittance advice.
- 1/0400 The CUR segment does not initiate a foreign exchange transaction.
- 1/0700 The N1 loop allows for name/address information for the payer and payee which would be utilized to address remittance(s) for delivery.
- 2/0100 ENT09 may contain the payee's accounts receivable customer number.
- 2/0200 Allowing the NM1 segment to repeat in this area allows the paying entity within a payer and the paid entity within a payee to be identified (not the payer and payee).
- 2/0800 This ADX loop contains adjustment items which are not netted to an RMR segment in this transaction set.
- 2/1300 Loop IT1 within the ADX loop is the adjustment line item detail loop.
- 2/1500 Loop RMR is for open items being referenced or for payment on account.
- 2/1900 Loop IT1 within the RMR loop is the remittance line item detail loop.
- 2/2100 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).
- 2/2600 Loop IT1 within the ADX loop is the adjustment line item detail loop.
- 2/3700 The AMT segment can be used to provide information about allocation or distribution of gross pay that is split across multiple payment orders.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

User Option(Usage): Must use

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

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 Description: Code uniquely identifying a Transaction Set	M	ID	3/3	Must use
		<u>Code</u> <u>Name</u> 820 Payment Order/Remittance Advice				
ST02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use
ST03	1705	Implementation Convention Reference Description: Reference assigned to identify Implementation Convention	O	AN	1/35	Not used

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

International Accounting

Example:

ST*820*0001 n/1
 ST*820*0002 n/1
 ST*820*0003 n/1
 ST*820*0004 n/1

BPR Beginning Segment for Payment Order/Remittance Advice

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 21

User Option(Usage): Must use

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

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	Transaction Handling Code Description: Code designating the action to be taken by all parties	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>C</td> <td>Payment Accompanies Remittance Advice</td> </tr> <tr> <td>I</td> <td>Remittance Information Only</td> </tr> <tr> <td>U</td> <td>Split Payment and Remittance</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	C	Payment Accompanies Remittance Advice	I	Remittance Information Only	U	Split Payment and Remittance				
<u>Code</u>	<u>Name</u>													
C	Payment Accompanies Remittance Advice													
I	Remittance Information Only													
U	Split Payment and Remittance													
BPR02	782	Monetary Amount Description: Monetary amount	M	R	1/18	Must use								
BPR03	478	Credit/Debit Flag Code Description: Code indicating whether amount is a credit or debit	M	ID	1/1	Must use								
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>C</td> <td>Credit</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	C	Credit								
<u>Code</u>	<u>Name</u>													
C	Credit													
BPR04	591	Payment Method Code Description: Code identifying the method for the movement of payment instructions	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>ACH</td> <td>Automated Clearing House (ACH)</td> </tr> <tr> <td>CHK</td> <td>Check</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	ACH	Automated Clearing House (ACH)	CHK	Check						
<u>Code</u>	<u>Name</u>													
ACH	Automated Clearing House (ACH)													
CHK	Check													
BPR05	812	Payment Format Code Description: Code identifying the payment format to be used	O	ID	1/10	Used								
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>PBC</td> <td>Commercial/Corporate Check</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	PBC	Commercial/Corporate Check								
<u>Code</u>	<u>Name</u>													
PBC	Commercial/Corporate Check													
BPR06	506	(DFI) ID Number Qualifier Description: Code identifying the type of identification number of Depository Financial Institution (DFI)	C	ID	2/2	Used								
		<table border="1"> <thead> <tr> <th colspan="2">International Accounting</th> </tr> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>01</td> <td>ABA Transit Routing Number Including Check Digits (9 digits)</td> </tr> <tr> <td>04</td> <td>Canadian Bank Branch and Institution Number</td> </tr> </tbody> </table>	International Accounting		<u>Code</u>	<u>Name</u>	01	ABA Transit Routing Number Including Check Digits (9 digits)	04	Canadian Bank Branch and Institution Number				
International Accounting														
<u>Code</u>	<u>Name</u>													
01	ABA Transit Routing Number Including Check Digits (9 digits)													
04	Canadian Bank Branch and Institution Number													
BPR07	507	(DFI) Identification Number Description: Depository Financial Institution (DFI) identification number	C	AN	3/12	Used								
		<table border="1"> <thead> <tr> <th colspan="2">International Accounting</th> </tr> <tr> <th colspan="2">Will be used for EFT.</th> </tr> </thead> </table>	International Accounting		Will be used for EFT.									
International Accounting														
Will be used for EFT.														
BPR08	569	Account Number Qualifier Description:	O	ID	1/3	Used								

Code indicating the type of account

International Accounting
Will be used for EFT.

<u>Code</u>	<u>Name</u>
DA	Demand Deposit

BPR09	508	Account Number	C	AN	1/35	Used
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Description:
 Account number assigned

International Accounting
Will be used for EFT.

BPR10	509	Originating Company Identifier	O	AN	10/10	Used
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Description:
 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

BPR11	510	Originating Company Supplemental Code	O	AN	9/9	Not used
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Description:
 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	C	ID	2/2	Used
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Description:
 Code identifying the type of identification number of Depository Financial Institution (DFI)

International Accounting
Will be used for EFT.

<u>Code</u>	<u>Name</u>
01	ABA Transit Routing Number Including Check Digits (9 digits)
04	Canadian Bank Branch and Institution Number

BPR13	507	(DFI) Identification Number	C	AN	3/12	Used
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Description:
 Depository Financial Institution (DFI) identification number

International Accounting
Will be used for EFT.

BPR14	569	Account Number Qualifier	O	ID	1/3	Used
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Description:
 Code indicating the type of account

International Accounting
Will be used for EFT.

<u>Code</u>	<u>Name</u>
DA	Demand Deposit

BPR15	508	Account Number	C	AN	1/35	Used
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Description:
 Account number assigned

International Accounting
Will be used for EFT.

BPR16	373	Date	O	DT	8/8	Used
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Description:
 Date expressed as CCYYMMDD

BPR17	1048	Business Function Code	O	ID	1/3	Used
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Description:
 Code identifying the business reason for this payment

<u>Code</u>	<u>Name</u>
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		<u>Code</u>	<u>Name</u>				
		VEN	Vendor Payment				
BPR18	506	(DFI) ID Number Qualifier		C	ID	2/2	Not used
		Description:					
		Code identifying the type of identification number of Depository Financial Institution (DFI)					
BPR19	507	(DFI) Identification Number		C	AN	3/12	Not used
		Description:					
		Depository Financial Institution (DFI) identification number					
BPR20	569	Account Number Qualifier		O	ID	1/3	Not used
		Description:					
		Code indicating the type of account					
BPR21	508	Account Number		C	AN	1/35	Not used
		Description:					
		Account number assigned					

Syntax:

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

Semantics:

1. BPR02 specifies the payment amount.
2. When using this transaction set to initiate a payment, all or some of BPR06 through BPR16 may be required, depending on the conventions of the specific financial channel being used.
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. BPR09 is the account of the company originating the payment. This account may be debited or credited depending on the type of payment order.
6. BPR12 and BPR13 relate to the receiving depository financial institution (RDFI).
7. BPR14 is a code identifying the type of bank account or other financial asset.
8. BPR15 is the account number of the receiving company to be debited or credited with the payment order.
9. BPR16 is the date the originating company intends for the transaction to be settled (i.e., Payment Effective Date).
10. BPR17 is a code identifying the business reason for this payment.
11. BPR18, BPR19, BPR20 and BPR21, if used, identify a third bank identification number and account to be used for return items only.
12. BPR20 is a code identifying the type of bank account or other financial asset.

International Accounting

Examples:

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BPR*I*3858.8*C*CHK*PBC*****3806203014*****19991213*VEN n/l
BPR*I*555.22*C*CHK*PBC*****3806203014*****19991220*VEN n/l
BPR*I*6262.6*C*CHK*PBC*****3806203014*****19991220*VEN n/l
BPR*I*4209.8*C*CHK*PBC*****3806203014*****20000105*VEN n/l

```

TRN Trace

Pos: 0350	Max: 1
Heading - Optional	
Loop: N/A	Elements: 4

User Option(Usage): Used

To uniquely identify a transaction to an application

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	Trace Type Code Description: 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>3</td> <td>Financial Reassociation Trace Number</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	3	Financial Reassociation Trace Number				
<u>Code</u>	<u>Name</u>									
3	Financial Reassociation Trace Number									
TRN02	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M	AN	1/30	Must use				
		International Accounting This data element contains the reference number that identifies this payment order/remittance advice. This is a unique number within the originator/sender/receiver relationship and assigned by the originator. When the payment and remittance are split, this number can be used for reassociation. For checks, this number should be the check number. For EFT, this is a unique number generated by the originator								
TRN03	509	Originating Company Identifier Description: 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	Used				
TRN04	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	O	AN	1/30	Not used				

Semantics:

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

International Accounting

Examples:

TRN*3*01161980*3806203014 n/l
 TRN*3*01173890*3806203014 n/l
 TRN*3*01169452*3806203014 n/l
 TRN*3*01191598*3806203014 n/l

CUR Currency

Pos: 0400	Max: 1
Heading - Optional	
Loop: N/A	Elements: 21

User Option(Usage): Used

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

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>				
CUR01	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual	M	ID	2/3	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									
CUR02	100	Currency Code Description: Code (Standard ISO) for country in whose currency the charges are specified	M	ID	3/3	Must use				
		International Accounting Codes used are: MXP Mexican Pesos CAD Canadian Dollars USD U.S. Dollars .								
CUR03	280	Exchange Rate Description: Value to be used as a multiplier conversion factor to convert monetary value from one currency to another	O	R	4/10	Not used				
CUR04	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual	O	ID	2/3	Not used				
CUR05	100	Currency Code Description: Code (Standard ISO) for country in whose currency the charges are specified	O	ID	3/3	Not used				
CUR06	669	Currency Market/Exchange Code Description: Code identifying the market upon which the currency exchange rate is based	O	ID	3/3	Not used				
CUR07	374	Date/Time Qualifier Description: Code specifying type of date or time, or both date and time	C	ID	3/3	Not used				
CUR08	373	Date Description: Date expressed as CCYYMMDD	O	DT	8/8	Not used				
CUR09	337	Time Description: 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	Not used				
CUR10	374	Date/Time Qualifier Description: Code specifying type of date or time, or both date and time	C	ID	3/3	Not used				
CUR11	373	Date	C	DT	8/8	Not used				

		Description: Date expressed as CCYYMMDD				
CUR12	337	Time Description: 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
CUR13	374	Date/Time Qualifier Description: Code specifying type of date or time, or both date and time	C	ID	3/3	Not used
CUR14	373	Date Description: Date expressed as CCYYMMDD	C	DT	8/8	Not used
CUR15	337	Time Description: 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
CUR16	374	Date/Time Qualifier Description: Code specifying type of date or time, or both date and time	C	ID	3/3	Not used
CUR17	373	Date Description: Date expressed as CCYYMMDD	C	DT	8/8	Not used
CUR18	337	Time Description: 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
CUR19	374	Date/Time Qualifier Description: Code specifying type of date or time, or both date and time	C	ID	3/3	Not used
CUR20	373	Date Description: Date expressed as CCYYMMDD	C	DT	8/8	Not used
CUR21	337	Time Description: 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

Syntax:

1. C0807 - If CUR08 is present, then all of CUR07 are required
2. C0907 - If CUR09 is present, then all of CUR07 are required
3. L101112 - If CUR10 is present, then at least one of CUR11,CUR12 is required
4. C1110 - If CUR11 is present, then all of CUR10 are required
5. C1210 - If CUR12 is present, then all of CUR10 are required
6. L131415 - If CUR13 is present, then at least one of CUR14,CUR15 is required

7. C1413 - If CUR14 is present, then all of CUR13 are required
8. C1513 - If CUR15 is present, then all of CUR13 are required
9. L161718 - If CUR16 is present, then at least one of CUR17,CUR18 is required
10. C1716 - If CUR17 is present, then all of CUR16 are required
11. C1816 - If CUR18 is present, then all of CUR16 are required
12. L192021 - If CUR19 is present, then at least one of CUR20,CUR21 is required
13. C2019 - If CUR20 is present, then all of CUR19 are required
14. C2119 - If CUR21 is present, then all of CUR19 are required

Comments:

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

International Accounting

Examples:

CUR*PR*USD n/l

CUR*PR*CAD n/l

DTM Date/Time Reference

Pos: 0600	Max: >1
Heading - Optional	
Loop: N/A	Elements: 6

User Option(Usage): Used

To specify pertinent dates and times

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	Date/Time Qualifier Description: 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>020</td> <td>Check</td> </tr> <tr> <td>097</td> <td>Transaction Creation</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	020	Check	097	Transaction Creation				
<u>Code</u>	<u>Name</u>											
020	Check											
097	Transaction Creation											
DTM02	373	Date Description: Date expressed as CCYYMMDD	C	DT	8/8	Used						
DTM03	337	Time Description: 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	Time Code Description: 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	Not used						
DTM05	1250	Date Time Period Format Qualifier Description: Code indicating the date format, time format, or date and time format	C	ID	2/3	Not used						
DTM06	1251	Date Time Period Description: Expression of a date, a time, or range of dates, times or dates and times	C	AN	1/35	Not used						

Syntax:

1. R020305 - At least one of DTM02,DTM03,DTM05 is required
2. C0403 - If DTM04 is present, then all of DTM03 are required
3. P0506 - If either DTM05,DTM06 is present, then all are required

International Accounting

Examples:

DTM*020*19991213 n/l
 DTM*020*19991220 n/l
 DTM*020*19991220 n/l
 DTM*020*20000105 n/l

N1

Name

Pos: 0700	Max: 1
Heading - Optional	
Loop: N1	Elements: 6

User Option(Usage): Used

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

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	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual	M	ID	2/3	Must use						
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>PE</td> <td>Payee</td> </tr> <tr> <td>PR</td> <td>Payer</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	PE	Payee	PR	Payer				
<u>Code</u>	<u>Name</u>											
PE	Payee											
PR	Payer											
N102	93	Name Description: Free-form name	C	AN	1/60	Used						
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67)	C	ID	1/2	Used						
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>92</td> <td>Assigned by Buyer or Buyer's Agent</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	92	Assigned by Buyer or Buyer's Agent						
<u>Code</u>	<u>Name</u>											
92	Assigned by Buyer or Buyer's Agent											
N104	67	Identification Code Description: Code identifying a party or other code	C	AN	2/80	Used						
N105	706	Entity Relationship Code Description: Code describing entity relationship	O	ID	2/2	Not used						
N106	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual	O	ID	2/3	Not used						

Syntax:

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

International Accounting

Examples:
N1*PR92*440 n/l**
N1*PE92*42194AX n/l**
N1*PR92*440 n/l**
N1*PE92*82429AX n/l**
N1*PR92*440 n/l**
N1*PE92*38807AX n/l**

ENT Entity

Pos: 0100	Max: 1
Detail - Optional	
Loop: ENT	Elements: 9

User Option(Usage): Used

To designate the entities which are parties to a transaction and specify a reference meaningful to those 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	Assigned Number Description: Number assigned for differentiation within a transaction set	O	N0	1/6	Used
ENT02	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual	C	ID	2/3	Not used
ENT03	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67)	C	ID	1/2	Not used
ENT04	67	Identification Code Description: Code identifying a party or other code	C	AN	2/80	Not used
ENT05	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual	C	ID	2/3	Not used
ENT06	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67)	C	ID	1/2	Not used
ENT07	67	Identification Code Description: Code identifying a party or other code	C	AN	2/80	Not used
ENT08	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification	C	ID	2/3	Not used
ENT09	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/30	Not used

Syntax:

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

International Accounting

Examples:
ENT*0001 n/1

RMR Remittance Advice Accounts Receivable Open Item Reference

Pos: 1500	Max: 1
Detail - Optional	
Loop: RMR	Elements: 8

User Option(Usage): Used

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

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	Reference Identification Qualifier Description: Code qualifying the Reference Identification	C	ID	2/3	Used						
		<table border="0"> <tr> <td style="padding-left: 20px;"><u>Code</u></td> <td style="padding-left: 20px;"><u>Name</u></td> </tr> <tr> <td style="padding-left: 20px;">IV</td> <td style="padding-left: 20px;">Seller's Invoice Number</td> </tr> <tr> <td style="padding-left: 20px;">SI</td> <td style="padding-left: 20px;">Shipper's Identifying Number for Shipment (SID)</td> </tr> </table>	<u>Code</u>	<u>Name</u>	IV	Seller's Invoice Number	SI	Shipper's Identifying Number for Shipment (SID)				
<u>Code</u>	<u>Name</u>											
IV	Seller's Invoice Number											
SI	Shipper's Identifying Number for Shipment (SID)											
RMR02	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/30	Used						
RMR03	482	Payment Action Code Description: Code specifying the accounts receivable open item(s), if any, to be included in the cash application.	O	ID	2/2	Not used						
RMR04	782	Monetary Amount Description: Monetary amount	O	R	1/18	Used						
RMR05	782	Monetary Amount Description: Monetary amount	O	R	1/18	Not used						
RMR06	782	Monetary Amount Description: Monetary amount	O	R	1/18	Not used						
RMR07	426	Adjustment Reason Code Description: Code indicating reason for debit or credit memo or adjustment to invoice, debit or credit memo, or payment	C	ID	2/2	Not used						
RMR08	782	Monetary Amount Description: Monetary amount	C	R	1/18	Not used						

Syntax:

1. P0102 - If either RMR01,RMR02 is present, then all are required
2. P0708 - If either RMR07,RMR08 is present, then all 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.
5. RMR08, if present, represents an interest penalty payment, amount late interest paid, or amount anticipation.

Comments:

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

- 2. If RMR03 is not present, this is a payment for an open item. If paying an open item, RMR02 must be present. If not paying a specific open item, RMR04 must be present.
- 3. RMR05 may be needed by some payees to distinguish between duplicate reference numbers.

International Accounting

Examples:

RMR*SI*123456789012343858.8 n/l**

RMR*IV*TB42165384 n/l**

RMR*IV*TB39714171.22 n/l**

RMR*SI*432109876543212403 n/l**

RMR*IV*IN123453859.6 n/l**

RMR*SI*123456789012344209.8 n/l**

REF Reference Identification

Pos: 1700	Max: >1
Detail - Optional	
Loop: RMR	Elements: 4

User Option(Usage): Used

To specify identifying information

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	Reference Identification Qualifier Description: Code qualifying the Reference Identification	M	ID	2/3	Must use								
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>PE</td> <td>Plant Number</td> </tr> <tr> <td>PO</td> <td>Purchase Order Number</td> </tr> <tr> <td>RV</td> <td>Receiving Number</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	PE	Plant Number	PO	Purchase Order Number	RV	Receiving Number				
<u>Code</u>	<u>Name</u>													
PE	Plant Number													
PO	Purchase Order Number													
RV	Receiving Number													
REF02	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/30	Used								
REF03	352	Description Description: A free-form description to clarify the related data elements and their content	C	AN	1/80	Not used								
REF04	C040	Reference Identifier Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O	Comp		Not used								
	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification	M	ID	2/3	Not used								
	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M	AN	1/30	Not used								
	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification	C	ID	2/3	Not used								
	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/30	Not used								
	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification	C	ID	2/3	Not used								
	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/30	Not used								

Syntax:

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

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Examples:

REF*PE*083 n/l

REF*PO*53509 n/l

REF*RV*20315001 n/l

REF*PE*062 n/l

REF*PE*020 n/l

REF*PE*006 n/l

REF*PO*53509 n/l

REF*RV*20315002 n/l

REF*PE*020 n/l

REF*PO*9338807X199 n/l

REF*RV*20315003 n/l

DTM Date/Time Reference

Pos: 1800	Max: >1
Detail - Optional	
Loop: RMR	Elements: 6

User Option(Usage): Used

To specify pertinent dates and times

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	Date/Time Qualifier Description: Code specifying type of date or time, or both date and time	M	ID	3/3	Must use
		<u>Code</u> <u>Name</u> 003 Invoice				
DTM02	373	Date Description: Date expressed as CCYYMMDD	C	DT	8/8	Used
DTM03	337	Time Description: 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	Time Code Description: 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	Not used
DTM05	1250	Date Time Period Format Qualifier Description: Code indicating the date format, time format, or date and time format	C	ID	2/3	Not used
DTM06	1251	Date Time Period Description: Expression of a date, a time, or range of dates, times or dates and times	C	AN	1/35	Not used

Syntax:

1. R020305 - At least one of DTM02,DTM03,DTM05 is required
2. C0403 - If DTM04 is present, then all of DTM03 are required
3. P0506 - If either DTM05,DTM06 is present, then all are required

International Accounting

Examples:
 DTM*003*19991213 n/l
 DTM*003*19990129 n/l
 DTM*003*19980903 n/l
 DTM*003*19991213 n/l
 DTM*003*19991023 n/l
 DTM*003*19991105 n/l



Baseline Item Data (Invoice)

Pos: 1900	Max: 1
Detail - Optional	
Loop: IT1	Elements: 25

User Option(Usage): Used

To specify the basic and most frequently used line item data for the invoice and related transactions

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>								
IT101	350	Assigned Identification Description: Alphanumeric characters assigned for differentiation within a transaction set	O	AN	1/20	Used								
IT102	358	Quantity Invoiced Description: Number of units invoiced (supplier units)	C	R	1/10	Used								
IT103	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>EA</td> <td>Each</td> </tr> <tr> <td>PC</td> <td>Piece</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	EA	Each	PC	Piece	C	ID	2/2	Used		
<u>Code</u>	<u>Name</u>													
EA	Each													
PC	Piece													
IT104	212	Unit Price Description: Price per unit of product, service, commodity, etc.	C	R	1/17	Used								
IT105	639	Basis of Unit Price Code Description: Code identifying the type of unit price for an item <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>TC</td> <td>Contract Price per Hundred</td> </tr> <tr> <td>TE</td> <td>Contract Price per Each</td> </tr> <tr> <td>TM</td> <td>Contract Price per Thousand</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	TC	Contract Price per Hundred	TE	Contract Price per Each	TM	Contract Price per Thousand	O	ID	2/2	Used
<u>Code</u>	<u>Name</u>													
TC	Contract Price per Hundred													
TE	Contract Price per Each													
TM	Contract Price per Thousand													
IT106	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>BP</td> <td>Buyer's Part Number</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	BP	Buyer's Part Number	C	ID	2/2	Used				
<u>Code</u>	<u>Name</u>													
BP	Buyer's Part Number													
IT107	234	Product/Service ID Description: Identifying number for a product or service	C	AN	1/48	Used								
IT108	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>PO</td> <td>Purchase Order Number</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	PO	Purchase Order Number	C	ID	2/2	Used				
<u>Code</u>	<u>Name</u>													
PO	Purchase Order Number													
IT109	234	Product/Service ID Description: Identifying number for a product or service	C	AN	1/48	Used								
IT110	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C	ID	2/2	Not used								
IT111	234	Product/Service ID	C	AN	1/48	Not used								

		Description: Identifying number for a product or service				
IT112	235	Product/Service ID Qualifier	C	ID	2/2	Not used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
IT113	234	Product/Service ID	C	AN	1/48	Not used
		Description: Identifying number for a product or service				
IT114	235	Product/Service ID Qualifier	C	ID	2/2	Not used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
IT115	234	Product/Service ID	C	AN	1/48	Not used
		Description: Identifying number for a product or service				
IT116	235	Product/Service ID Qualifier	C	ID	2/2	Not used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
IT117	234	Product/Service ID	C	AN	1/48	Not used
		Description: Identifying number for a product or service				
IT118	235	Product/Service ID Qualifier	C	ID	2/2	Not used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
IT119	234	Product/Service ID	C	AN	1/48	Not used
		Description: Identifying number for a product or service				
IT120	235	Product/Service ID Qualifier	C	ID	2/2	Not used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
IT121	234	Product/Service ID	C	AN	1/48	Not used
		Description: Identifying number for a product or service				
IT122	235	Product/Service ID Qualifier	C	ID	2/2	Not used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
IT123	234	Product/Service ID	C	AN	1/48	Not used
		Description: Identifying number for a product or service				
IT124	235	Product/Service ID Qualifier	C	ID	2/2	Not used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
IT125	234	Product/Service ID	C	AN	1/48	Not used
		Description: Identifying number for a product or service				

Syntax:

1. P020304 - If either IT102,IT103,IT104 is present, then all are required
2. P0607 - If either IT106,IT107 is present, then all are required
3. P0809 - If either IT108,IT109 is present, then all are required
4. P1011 - If either IT110,IT111 is present, then all are required
5. P1213 - If either IT112,IT113 is present, then all are required

6. P1415 - If either IT114,IT115 is present, then all are required
7. P1617 - If either IT116,IT117 is present, then all are required
8. P1819 - If either IT118,IT119 is present, then all are required
9. P2021 - If either IT120,IT121 is present, then all are required
10. P2223 - If either IT122,IT123 is present, then all are required
11. P2425 - If either IT124,IT125 is present, then all are required

Semantics:

1. IT101 is the line item identification.

Comments:

1. Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
2. IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

International Accounting

Examples:

IT1*1*10*EA*240.38*TE*BP*3517607F91 n/l
IT1*2*1*EA*150*TE*BP*1100125R1 n/l
IT1*3*10*EA*65.5*TE*BP*3254950C1 n/l
IT1*4*10*EA*65*TE*BP*3254951C1 n/l
IT1*5*10*EA*0*TE*BP*3535011F91 n/l
IT1*1*10*EA*240.3*TE*BP*3517607F91 n/l
IT1*2*10*EA*0*TE*BP*3535011F91 n/l
IT1*1*1*EA*481.19*TE*BP*3510690C91 n/l
IT1*2*10*EA*0*TE*BP*3535011F91 n/l
IT1*3*4*EA*863.3*TE*BP*3511944C91 n/l
IT1*4 n/l

SAC Service, Promotion, Allowance, or Charge Information

Pos: 2020	Max: 1
Detail - Optional	
Loop: SAC	Elements: 16

User Option(Usage): Used

To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

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>
SAC01	248	Allowance or Charge Indicator Description: Code which indicates an allowance or charge for the service specified	M	ID	1/1	Must use
		<u>Code</u> <u>Name</u> C Charge				
SAC02	1300	Service, Promotion, Allowance, or Charge Code Description: Code identifying the service, promotion, allowance, or charge	C	ID	4/4	Used
		<u>Code</u> <u>Name</u> D360 Goods and Services Tax Charge International Accounting (GST - Canada)				
		H750 Tax - Sales Tax (State and Local) International Accounting (HST - Harmonized Tax - Canada)				
		H770 Tax - State Tax International Accounting (QST - Quebec State Tax)				
SAC03	559	Agency Qualifier Code Description: Code identifying the agency assigning the code values	C	ID	2/2	Not used
SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code Description: Agency maintained code identifying the service, promotion, allowance, or charge	C	AN	1/10	Not used
SAC05	610	Amount Description: Monetary amount	O	N2	1/15	Used
SAC06	378	Allowance/Charge Percent Qualifier Description: Code indicating on what basis allowance or charge percent is calculated	C	ID	1/1	Not used
SAC07	332	Percent Description: Percent expressed as a percent	C	R	1/6	Not used
SAC08	118	Rate Description: Rate expressed in the standard monetary denomination for the currency specified	O	R	1/9	Not used
SAC09	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C	ID	2/2	Not used
SAC10	380	Quantity Description:	C	R	1/15	Not used

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		Numeric value of quantity				
SAC11	380	Quantity Description: Numeric value of quantity	O	R	1/15	Not used
SAC12	331	Allowance or Charge Method of Handling Code Description: Code indicating method of handling for an allowance or charge	O	ID	2/2	Not used
SAC13	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/30	Not used
SAC14	770	Option Number Description: A unique number identifying available promotion or allowance options when more than one is offered	O	AN	1/20	Not used
SAC15	352	Description Description: A free-form description to clarify the related data elements and their content	C	AN	1/80	Not used
SAC16	819	Language Code Description: Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	O	ID	2/3	Not used

Syntax:

1. R0203 - At least one of SAC02,SAC03 is required
2. P0304 - If either SAC03,SAC04 is present, then all are required
3. P0607 - If either SAC06,SAC07 is present, then all are required
4. P0910 - If either SAC09,SAC10 is present, then all are required
5. C1110 - If SAC11 is present, then all of SAC10 are required
6. L130204 - If SAC13 is present, then at least one of SAC02,SAC04 is required
7. C1413 - If SAC14 is present, then all of SAC13 are required
8. C1615 - If SAC16 is present, then all of SAC15 are required

Semantics:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
4. SAC08 is the allowance or charge rate per unit.
5. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
6. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
7. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
9. SAC16 is used to identify the language being used in SAC15.

Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

International Accounting

Example:

SAC*C*D360***27541 n/l

SE Transaction Set Trailer

Pos: 0100	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option(Usage): Must use

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

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

Comments:

- SE is the last segment of each transaction set.

International Accounting

Examples:
 SE*19*0001 n/1
 SE*15*0002 n/1
 SE*19*0003 n/1
 SE*19*0004 n/1

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International Truck and Engine Corporation

APPENDIX of EXAMPLES

March 18, 2002

NOTE: This document is to be used in conjunction with the International 820 Implementation Guideline to illustrate examples and functional definition of this transaction set.

Example I of EDI 820 AIAG Formatted Data for Remittance Advice

ERS payment for a material shipment

1. ST*820*0001 N/L
2. BPR*I*3858.8*C*CHK*PBC*****3806203014*****19991213*VEN N/L
3. TRN*3*01161980*3806203014 N/L
4. CUR*PR*USD N/L
5. DTM*020*19991213 N/L
6. N1*PR**92*440 N/L
7. N1*PE**92*41294AX N/L
8. ENT*0001 N/L
9. RMR*SI*12345678901234**3858.8 N/L
10. REF*PE*083 N/L
11. REF*PO*53509 N/L
12. REF*RV*20315001 N/L
13. DTM*003*19991213 N/L
14. IT1*1*10*EA*240.38*TE*BP*3517607F91 N/L
15. IT1*2*1*EA*150*TE*BP*1100125R1 N/L
16. IT1*3*10*EA*65.5*TE*BP*3254950C1 N/L
17. IT1*4*10*EA*65*TE*BP*3254951C1 N/L
18. IT1*5*10*EA*0*TE*BP*3535011F91 N/L
19. SE*19*0001 N/L

Example I: EDI 820 – Payment Order/Remittance Advice

This example shows the looping structure for the electronic remittance advice and provides for the customary and established transfer of information between organizations.

EDI DATA ELEMENTS

INTERPRETATION

ST*820*0001 N/L

BPR*I*3858.8*C*CHK*PBC*****3806203014
*****19991213*VEN N/L

ANSI transaction set 820, transaction ID number 0001

Transaction contains remittance information for check dated 12/13/1999 in the amount \$3858.80 from International Accounting Center for vendor payment The number “3806203014” has 2 components: “3” indicates following number is a DUNS number and “806203014 is the International Accounting Center DUNS.

TRN*3*01161980*3806203014 N/L

The check number is 01161980 from International Accounting Center.

CUR*PR*USD N/L

All dollar amounts are represented in US currency.

DTM*020*19991213 N/L

The check date is 12/13/1999.

N1*PR**92*440 N/L

The International payer code is 440 (International Accounting Center).

N1*PE**92*41294AX N/L

The International payee supplier code is 41294AX.

ENT*0001 N/L

Assigned number is 0001.

RMR*SI*12345678901234**3858.8 N/L

SID (Shipper’s Identifying Number) for the Shipment is 12345678901234. The amount paid is \$3858.80.

REF*PE*083 N/L

The International plant is Melrose Park Engine.

REF*PO*53509 N/L

The purchase order number is 53509.

REF*20315001 N/L

The receiving number is 20315001.

DTM*003*19991213 N/L

The invoice date is 12/13/1999.

IT1*1*10*EA*240.38*TE*BP*3517607F91 N/L

Assigned Id is 1. Quantity is 10. Unit of Measure is Each. Contract price per each is \$240.38. International Part Number is 3517607F91.

IT1*2*1*EA*150*TE*BP*1100125R1 N/L

Assigned Id is 2. Quantity is 1. Unit of Measure is Each. Contract price per each is \$150.00. International Part Number is 1100125R1.

IT1*3*10*EA*65.5*TE*BP*3254950C1 N/L

Assigned Id is 3. Quantity is 10. Unit of Measure is Each. Contract price per each is \$65.50. International Part Number is 3254950C1.

IT1*4*10*EA*65*TE*BP*3254951C1 N/L

Assigned Id is 4. Quantity is 10. Unit of Measure is Each. Contract price per each is \$65.00. International Part Number is 3254951C1.

IT1*5*10*EA*0*TE*BP*3535011F91 N/L

Assigned Id is 5. Quantity is 10. Unit of Measure is Each. Contract price per each is \$0. International Part Number is 3535011F91.

SE*19*0001 N/L

Number of segments included in Transaction 0001 is 19.

Example II of EDI 820 AIAG Formatted Data for Remittance Advice

Remittance does not have any ERS invoice payment details.

1. ST*820*0002_{N/L}
2. BPR*I*555.22*C*CHK*PBC*****3806203014*****19991220*VEN_{N/L}
3. TRN*3*01173890*3806203014_{N/L}
4. CUR*PR*USD_{N/L}
5. DTM*020*19991220_{N/L}
6. N1*PR**92*440_{N/L}
7. N1*PE**92*82429AX_{N/L}
8. ENT*0001_{N/L}
9. RMR*IV*TB42165**384_{N/L}
10. REF*PE*062_{N/L}
11. DTM*003*19990129_{N/L}
12. RMR*IV*TB39714**171.22_{N/L}
13. REF*PE*020_{N/L}
14. DTM*003*19980903_{N/L}
15. SE*15*0002_{N/L}

Example II: EDI 820 – Payment Order/Remittance Advice

This example shows the looping structure for the electronic remittance advice and provides for the customary and established transfer of information between organizations.

EDI DATA ELEMENTS

ST*820*0002 N/L

BPR*I*555.22*C*CHK*PBC*****3806203014
*****19991220*VEN N/L

TRN*3*01173890*3806203014 N/L

CUR*PR*USD N/L

DTM*020*19991220 N/L

N1*PR**92*440 N/L

N1*PE**92*82429AX N/L

ENT*0001 N/L

RMR*IV*TB42165**384 N/L

REF*PE*062 N/L

DTM*003*19990129 N/L

RMR*IV*TB39714**171.22 N/L

REF*PE*020 N/L

DTM*003*19980903 N/L

SE*15*0002 N/L

INTERPRETATION

ANSI transaction set 820, transaction ID number 0002

Transaction contains remittance information for check dated 12/20/1999 in the amount \$555.22 from International Accounting Center for vendor payment. The number "3806203014" has 2 components: "3" indicates following number is a DUNS number and "806203014" is the International Accounting Center DUNS.

The check number is 01173890 from International Accounting Center.

All dollar amounts are represented in US currency.

The check date is 12/20/1999.

The International payer code is 440 (International Accounting Center).

The International payee supplier code is 82429AX.

Assigned number is 0001.

Invoice Number is TB42165. The amount paid is \$384.00.

The International plant is Garland, TX.

The invoice date is 1/29/1999.

Invoice Number is TB39714. The amount paid is \$171.22.

The International plant is Chatham, Ontario, Canada.

The invoice date is 9/3/1998.

Number of segments included in Transaction 0002 is 15.

Example III of EDI 820 AIAG Formatted Data for Remittance Advice

Payment information for both ERS shipments and non-ERS invoices

1. ST*820*0003_{N/L}
2. BPR*I*6262.6*C*CHK*PBC*****3806203014*****19991220*VEN_{N/L}
3. TRN*3*01169452*3806203014_{N/L}
4. CUR*PR*USD_{N/L}
5. DTM*020*19991220_{N/L}
6. N1*PR**92*440_{N/L}
7. N1*PE**92*82429AX_{N/L}
8. ENT*0001_{N/L}
9. RMR*SI*43210987654321**2403_{N/L}
10. REF*PE*006_{N/L}
11. REF*PO*53509_{N/L}
12. REF*RV*20315002_{N/L}
13. DTM*003*19991213_{N/L}
14. IT1*1*10*EA*240.3*TE*BP*3517607F91_{N/L}
15. IT1*2*10*EA*0*TE*BP*3535011F91_{N/L}
16. RMR*IV*IN12345**3859.6_{N/L}
17. REF*PE*062_{N/L}
18. DTM*003*19991023_{N/L}
19. SE*19*0003_{N/L}

Example III: EDI 820 – Payment Order/Remittance Advice

This example shows the looping structure for the electronic remittance advice and provides for the customary and established transfer of information between organizations.

EDI DATA ELEMENTS

ST*820*0003 N/L

BPR*I*6262.6*C*CHK*PBC*****3806203014
*****19991220*VEN N/L

TRN*3*01169452*3806203014 N/L

CUR*PR*USD N/L

DTM*020*19991220 N/L

N1*PR**92*440 N/L

N1*PE**92*82429AX N/L

ENT*0001 N/L

RMR*SI*43210987654321**2403 N/L

REF*PE*006 N/L

REF*PO*53509 N/L

REF*RV*20315002 N/L

DTM*003*19991213 N/L

IT1*1*10*EA*240.3*TE*BP*3517607F91 N/L

IT1*2*10*EA*0*TE*BP*3535011F91 N/L

RMR*IV*IN12345**3859.6 N/L

REF*PE*062 N/L

DTM*003*19991023 N/L

SE*19*0003 N/L

INTERPRETATION

ANSI transaction set 820, transaction ID number 0003

Transaction contains remittance information for check dated 12/20/1999 in the amount \$6262.60 from International Accounting Center for vendor payment. The number “3806203014” has 2 components: “3” indicates following number is a DUNS number and “806203014 is the International Accounting Center DUNS.

The check number is 01169452 from International Accounting Center.

All dollar amounts are represented in US currency.

The check date is 12/20/1999.

The International payer code is 440 (International Accounting Center).

The International payee supplier code is 82429AX.

Assigned number is 0001.

SID (Shipper’s Identifying Number) for the Shipment is 43210987654321. The amount paid is \$2403.

The International plant is Indianapolis Engine.

The purchase order number is 53509.

The receiving number is 20315002.

The invoice date is 12/13/1999.

Assigned Id is 1. Quantity is 10. Unit of Measure is Each. Contract price per each is \$240.30. International Part Number is 3517607F91.

Assigned Id is 2. Quantity is 10. Unit of Measure is Each. Contract price per each is \$0. International Part Number is 3535011F91.

Invoice Number is IN12345. The amount paid is \$3859.60.

The International plant is Garland, TX.

The invoice date is 10/23/1999.

Number of segments included in Transaction 0003 is 19.

Example IV of EDI 820 AIAG Formatted Data for Remittance Advice

ERS payment for a Chatham invoice with GST tax

1. ST*820*0004_{N/L}
2. BPR*I*4209.8*C*CHK*PBC*****3806203014*****20000105*VEN_{N/L}
3. TRN*3*01191598*3806203014_{N/L}
4. CUR*PR*CAD_{N/L}
5. DTM*020*20000105_{N/L}
6. N1*PR**92*440_{N/L}
7. N1*PE**92*38807AX_{N/L}
8. ENT*0001_{N/L}
9. RMR*SI*12345678901234**4209.8_{N/L}
10. REF*PE*020_{N/L}
11. REF*PO*9338807X199_{N/L}
12. REF*RV*20315003_{N/L}
13. DTM*003*19991105_{N/L}
14. IT1*1*1*EA*481.19*TE*BP*3510690C91_{N/L}
15. IT1*2*10*EA*0*TE*BP*3535011F91_{N/L}
16. IT1*3*4*EA*863.3*TE*BP*3511944C91_{N/L}
17. IT1*4_{N/L}
18. SAC*C*D360***27541_{N/L}
19. SE*19*0004_{N/L}

Example IV: EDI 820 – Payment Order/Remittance Advice

This example shows the looping structure for the electronic remittance advice and provides for the customary and established transfer of information between organizations.

EDI DATA ELEMENTSST*820*0004 N/LBPR*I*4209.8*C*CHK*PBC*****3806203014
*****20000105*VEN N/LTRN*3*01191598*3806203014 N/LCUR*PR*CAD N/LDTM*020*20000105 N/LN1*PR**92*440 N/LN1*PE**92*38807AX N/LENT*0001 N/LRMR*SI*12345678901234**4209.8 N/LREF*PE*020 N/LREF*PO*9338807X199 N/LREF*RV*20315003 N/LDTM*003*19991105 N/LIT1*1*1*EA*481.19*TE*BP*3510690C91 N/LIT1*2*10*EA*0*TE*BP*3535011F91 N/LIT1*3*4*EA*863.3*TE*BP*3511944C91 N/LIT1*4 N/LSAC*C*D360***27541 N/LSE*19*0004 N/L**INTERPRETATION**

ANSI transaction set 820, transaction ID number 0004

Transaction contains remittance information for check dated 1/5/2000 in the amount \$4209.80 from International Accounting Center for vendor payment. The number “3806203014” has 2 components: “3” indicates following number is a DUNS number and “806203014 is the International Accounting Center DUNS.

The check number is 01191598 from International Accounting Center.

All dollar amounts are represented in Canadian dollars.

The check date is 1/5/2000.

The International payer code is 440 (International Accounting Center).

The International payee supplier code is 38807AX.

Assigned number is 0001.

SID (Shipper’s Identifying Number) for the Shipment is 12345678901234. The amount paid is \$4209.80.

The International plant is Chatham, Ontario, Canada.

Purchase order number is 9338807X199.

The receiving number is 20315003.

The invoice date is 11/5/1999.

Assigned Id is 1. Quantity is 1. Unit of Measure is Each. Contract price per each is \$481.19. International Part Number is 3510690C91.

Assigned Id is 2. Quantity is 10. Unit of Measure is Each. Contract price per each is \$0. International Part Number is 3535011F91.

Assigned Id is 3. Quantity is 4. Unit of Measure is Each. Contract price per each is \$863.30. International Part Number is 3511944C91.

Assigned Id is 4.

GST (Goods and Service Tax) is \$275.41.

Number of segments included in Transaction 0004 is 19.