820 Payment Order/Remittance Advice

Functional Group ID=**RA**

Introduction:

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

Notes:

Remittance Advice (820) transaction set sends information to a supplier accompanying the funds being transferred electronically to a supplier's bank account. This transaction is associated with FEDI (Financial Electronic Data Interchange). The remittance advice provides the supplier with information on what material is being paid for and allows easier reconcilement for the supplier. The remittance advice information can accompany the payment of funds to the bank or be sent directly to the supplier through a separate transmission path such as a Value Added Network (VAN).

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
3	010	ST	Transaction Set Header	M	1		
4	020	BPR	Beginning Segment for Payment Order/Remittance Advice	M	1		
6	035	TRN	Trace	O	1		c1
7	040	CUR	Currency	O	1		c2
8	050	REF	Reference Identification	O	>1		
9	060	DTM	Date/Time Reference	O	>1		
			LOOP ID - N1			>1	
10	070	N1	Name	O	1		c3
11	100	N4	Geographic Location	O	1		
12	120	PER	Administrative Communications Contact	O	>1		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - ENT			>1	
13	010	ENT	Entity	O	1		c4
			LOOP ID - RMR			>1	
14	150	RMR	Remittance Advice Accounts Receivable Open Item Reference	O	1		c5
15	170	REF	Reference Identification	O	>1		
16	180	DTM	Date/Time Reference	O	>1		
			LOOP ID - IT1			>1	
17	190	IT1	Baseline Item Data (Invoice)	O	1		c6

Summary:

Page	Pos.	Seg.		Req.		Loop	Notes and

No.	No.	ID	Name	Des.	Max.Use	Repeat	Comments
18	010	SE	Transaction Set Trailer	M	1		

Transaction Set Comments

1. The TRN segment is used to uniquely identify a payment order/remittance advice.
2. The CUR segment does not initiate a foreign exchange transaction.
3. The N1 loop allows for name/address information for the payer and payee which would be utilized to address remittance(s) for delivery.
4. ENT09 may contain the payee's accounts receivable customer number.
5. Loop RMR is for open items being referenced or for payment on account.
6. Loop IT1 within the RMR loop is the remittance line item detail loop.

Segment: ## ST **Transaction Set Header**

Position:	010
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the start of a transaction set and to assign a control number
Syntax Notes:	
Semantic Notes:	1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	ST01	143	**Transaction Set Identifier Code**	M	ID 3/3
			Code uniquely identifying a Transaction Set		
			820 Payment Order/Remittance Advice		
M	ST02	329	**Transaction Set Control Number**	M	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		

	Segment:	**BPR** Beginning Segment for Payment Order/Remittance Advice
	Position:	020
	Loop:	
	Level:	Heading
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To indicate the beginning of a Payment Order/Remittance Advice Transaction Set and total payment amount, or to enable related transfer of funds and/or information from payer to payee to occur

	Syntax Notes:	1	If either BPR06 or BPR07 is present, then the other is required.
		2	If BPR08 is present, then BPR09 is required.
		3	If either BPR12 or BPR13 is present, then the other is required.
		4	If BPR14 is present, then BPR15 is required.
		5	If either BPR18 or BPR19 is present, then the other is required.
		6	If BPR20 is present, then BPR21 is required.
	Semantic Notes:	1	BPR02 specifies the payment amount.
		2	When using this transaction set to initiate a payment, all or some of BPR06 through BPR16 may be required, depending on the conventions of the specific financial channel being used.
			BPR06 and BPR07 relate to the originating depository financial institution (ODFI).
		3	BPR08 is a code identifying the type of bank account or other financial asset.
		4	BPR09 is the account of the company originating the payment. This account may be debited or credited depending on the type of payment order.
		5	BPR12 and BPR13 relate to the receiving depository financial institution (RDFI).
		6	BPR14 is a code identifying the type of bank account or other financial asset.
		7	BPR15 is the account number of the receiving company to be debited or credited with the payment order.
		8	BPR16 is the date the originating company intends for the transaction to be settled (i.e., Payment Effective Date).
		9	BPR17 is a code identifying the business reason for this payment.
		10	BPR18, BPR19, BPR20 and BPR21, if used, identify a third bank identification number and account to be used for return items only.
		11	BPR20 is a code identifying the type of bank account or other financial asset.
	Comments:		
	Notes:		Information sent in this segment pertains to the payment information such as John Deere's financial institution as well as the supplier's financial institution. The ABA routing number and supplier's deposit account number are included in this segment. The effective date of the funds transfer will also be included in the date field of the BPR segment.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
M	BPR01	305	**Transaction Handling Code**		M	ID 1/2
			Code designating the action to be taken by all parties			
			C	Payment Accompanies Remittance Advice		
			I	Remittance Information Only		
M	BPR02	782	**Monetary Amount**		M	R 1/18
			Monetary amount			
M	BPR03	478	**Credit/Debit Flag Code**		M	ID 1/1
			Code indicating whether amount is a credit or debit			
			C	Credit		
M	BPR04	591	**Payment Method Code**		M	ID 3/3
			Code identifying the method for the movement of payment instructions			
			The following code values are valid only for the John Deere Welland EFT process (CHK, X12, ZZZ)			
			CHK	Check		
			DXC	ACH Demand Corporate Trade Exchange (CTX) Credit		

	DZC	ACH Demand Cash Concentration/Disbursement Plus (CCD+) Credit		
	FWT	Federal Reserve Funds/Wire Transfer - Nonrepetitive		
	SWT	Society for Worldwide Interbank Financial Telecommunications (S.W.I.F.T.)		
	SXC	ACH Savings Corporate Trade Exchange (CTX) Credit		
	SZC	ACH Savings Cash Concentration/Disbursement Plus (CCD+) Credit		
	X12	X12		
	ZZZ	Mutually Defined		

BPR06 **506** **(DFI) ID Number Qualifier** **X** **ID 2/2**

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

01	ABA Transit Routing Number Including Check Digits (9 digits)
02	Swift Identification (8 or 11 characters)

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

Depository Financial Institution (DFI) identification number

BPR08 **569** **Account Number Qualifier** **O** **ID 1/3**

Code indicating the type of account

DA	Demand Deposit

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

Account number assigned

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

A unique identifier designating the company initiating the funds transfer instructions. The first character is one-digit ANSI identification code designation (ICD) followed by the nine-digit identification number which may be an IRS employer identification number (EIN), data universal numbering system (DUNS), or a user assigned number; the ICD for an EIN is 1, DUNS is 3, user assigned number is 9

BPR12 **506** **(DFI) ID Number Qualifier** **X** **ID 2/2**

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

01	ABA Transit Routing Number Including Check Digits (9 digits)
02	Swift Identification (8 or 11 characters)

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

Depository Financial Institution (DFI) identification number

BPR14 **569** **Account Number Qualifier** **O** **ID 1/3**

Code indicating the type of account

DA	Demand Deposit
SG	Savings

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

Account number assigned

BPR16 **373** **Date** **O** **DT 8/8**

Date expressed as CCYYMMDD

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

Code identifying the business reason for this payment

VEN	Vendor Payment

Segment:	**TRN** Trace			
Position:	035			
Loop:				
Level:	Heading			
Usage:	Optional			
Max Use:	1			
Purpose:	To uniquely identify a transaction to an application			
Syntax Notes:				
Semantic Notes:	1	TRN02 provides unique identification for the transaction.		
	2	TRN03 identifies an organization.		
	3	TRN04 identifies a further subdivision within the organization.		
Comments:				
Notes:	Unique Trace number sent in this segment.			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	TRN01	481	**Trace Type Code**	M ID 1/2
			Code identifying which transaction is being referenced	
			1 Current Transaction Trace Numbers	
M	TRN02	127	**Reference Identification**	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
	TRN03	509	**Originating Company Identifier**	O AN 10/10
			A unique identifier designating the company initiating the funds transfer instructions. The first character is one-digit ANSI identification code designation (ICD) followed by the nine-digit identification number which may be an IRS employer identification number (EIN), data universal numbering system (DUNS), or a user assigned number; the ICD for an EIN is 1, DUNS is 3, user assigned number is 9	

Segment:		**CUR** Currency		
Position:		040		
Loop:				
Level:		Heading		
Usage:		Optional		
Max Use:		1		
Purpose:		To specify the currency (dollars, pounds, francs, etc.) used in a transaction		

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

Semantic Notes:

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

Notes: Currency is not required for US paid suppliers.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	CUR01	98	**Entity Identifier Code**	M	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			BY Buying Party (Purchaser)		
M	CUR02	100	**Currency Code**	M	ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified		
			(Example: USD=U.S. Dollars, CAD=Canadian Dollars, MXP=Mexican Pesos)		

	Segment:	**REF** Reference Identification

Segment: **REF** Reference Identification

Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
2 If either C04003 or C04004 is present, then the other is required.
3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	REF01	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			IT Internal Customer Number		
	REF02	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

	Segment:	**DTM** Date/Time Reference

Segment: **DTM** Date/Time Reference
Position: 060
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.
2 If DTM04 is present, then DTM03 is required.
3 If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:
Comments:
Notes: This will be the date the transaction was created, and does not reflect the deposit date.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	DTM01	374	**Date/Time Qualifier**	M	**ID 3/3**
			Code specifying type of date or time, or both date and time		
			097 Transaction Creation		
	DTM02	373	**Date**	X	**DT 8/8**
			Date expressed as CCYYMMDD		
	DTM03	337	**Time**	X	**TM 4/8**
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		

Segment:		**N1** Name			

Segment: **N1** Name

Position:	070
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	At least two N1 segments will contain the indicators "PE" for the payee and "PR" for the payer, with an associated DUNS number.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**N101**	**98**	**Entity Identifier Code**	**M**	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			PE Payee		
			PR Payer		
			RB Receiving Bank		
	N102	**93**	**Name**	**X**	**AN 1/60**
			Free-form name		
	N103	**66**	**Identification Code Qualifier**	**X**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			1 D-U-N-S Number, Dun & Bradstreet		
	N104	**67**	**Identification Code**	**X**	**AN 2/80**
			Code identifying a party or other code		

Segment:	**N4** Geographic Location
Position:	100
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 If N406 is present, then N405 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes:	This segment is used only for Canadian funds and foreign wire transfers.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
N401	19	**City Name**	O	AN 2/30
		Free-form text for city name		
N402	156	**State or Province Code**	O	ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency		
N403	116	**Postal Code**	O	ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
N404	26	**Country Code**	O	ID 2/3
		Code identifying the country		
N405	309	**Location Qualifier**	X	ID 1/2
		Code identifying type of location		
		John Deere only uses with foreign wire transfers.		
		BS Place of Business		
N406	310	**Location Identifier**	O	AN 1/30
		Code which identifies a specific location		

Segment:		**PER** Administrative Communications Contact			
Position:		120			
Loop:		N1 Optional			
Level:		Heading			
Usage:		Optional			
Max Use:		>1			
Purpose:		To identify a person or office to whom administrative communications should be directed			
Syntax Notes:		1 If either PER03 or PER04 is present, then the other is required.			
		2 If either PER05 or PER06 is present, then the other is required.			
		3 If either PER07 or PER08 is present, then the other is required.			
Semantic Notes:					
Comments:					
Notes:		PER segment is only used in the John Deere Welland EFT process.			

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	PER01	366	**Contact Function Code**	M	**ID 2/2**
			Code identifying the major duty or responsibility of the person or group named		
			AR Accounts Receivable Department		
	PER02	93	**Name**	O	**AN 1/60**
			Free-form name		
	PER03	365	**Communication Number Qualifier**	X	**ID 2/2**
			Code identifying the type of communication number		
			TE Telephone		
	PER04	364	**Communication Number**	X	**AN 1/80**
			Complete communications number including country or area code when applicable		
	PER05	365	**Communication Number Qualifier**	X	**ID 2/2**
			Code identifying the type of communication number		
			ED Electronic Data Interchange Access Number		
			EM Electronic Mail		
			FX Facsimile		
	PER06	364	**Communication Number**	X	**AN 1/80**
			Complete communications number including country or area code when applicable		

Segment:	**ENT** Entity
Position:	010
Loop:	ENT Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To designate the entities which are parties to a transaction and specify a reference meaningful to those entities
Syntax Notes:	**1** If any of ENT02 ENT03 or ENT04 is present, then all are required.
	2 If any of ENT05 ENT06 or ENT07 is present, then all are required.
	3 If either ENT08 or ENT09 is present, then the other is required.
Semantic Notes:	
Comments:	**1** This segment allows for the grouping of data by entity/entities at or within a master/masters. A master (e.g., an organization) can be comprised of numerous subgroups (e.g., entities). This master may send grouped data to another master (e.g., an organization) which is comprised of one or more entities. Groupings are as follows:
	(1) Single/Single: Only ENT01 is necessary, because there is a single entity (the sending master) communicating with a single entity (the receiving master).
	(2) Single/Multiple: ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master. The sending master is a single entity, so no other data elements need be used.
	(3) Multiple/Single: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. The receiving master is a single entity, so no other data elements need be used.
	(4) Multiple/Multiple: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master.
	This segment also allows for the transmission of a unique reference number that is meaningful between the entities.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
ENT01	**554**	**Assigned Number**	**O N0 1/6**
		Number assigned for differentiation within a transaction set	

Segment:	**RMR** Remittance Advice Accounts Receivable Open Item Reference	
Position:	150	
Loop:	RMR Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the accounts receivable open item(s) to be included in the cash application and to convey the appropriate detail	
Syntax Notes:	1	If either RMR01 or RMR02 is present, then the other is required.
	2	If either RMR07 or RMR08 is present, then the other is required.
Semantic Notes:	1	If RMR03 is present, it specifies how the cash is to be applied.
	2	RMR04 is the amount paid.
	3	RMR05 is the amount of invoice (including charges, less allowance) before terms discount (if discount is applicable) or debit amount or credit amount of referenced items.
	4	RMR06 is the amount of discount taken.
	5	RMR08, if present, represents an interest penalty payment, amount late interest paid, or amount anticipation.
Comments:	1	Parties using this segment should agree on the content of RMR01 and RMR02 prior to initiating communication.
	2	If RMR03 is not present, this is a payment for an open item. If paying an open item, RMR02 must be present. If not paying a specific open item, RMR04 must be present.
	3	RMR05 may be needed by some payees to distinguish between duplicate reference numbers.
Notes:	Segment will pass the supplier's invoice number or packing list number for ERS. When invoice number is used, we use the rightmost twelve positions if the invoice number is greater than twelve positions. The supplier's invoice number or packing list number is included in this payment, along with the gross amount, net amount, and discount amount.	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
RMR01	**128**	**Reference Identification Qualifier**	**X**	**ID 2/3**
		Code qualifying the Reference Identification		
		IV Seller's Invoice Number		
		PK Packing List Number		
RMR02	**127**	**Reference Identification**	**X**	**AN 1/30**
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
RMR04	**782**	**Monetary Amount**	**O**	**R 1/18**
		Monetary amount		
RMR05	**782**	**Monetary Amount**	**O**	**R 1/18**
		Monetary amount		
RMR06	**782**	**Monetary Amount**	**O**	**R 1/18**
		Monetary amount		

	Segment:	**REF** Reference Identification
	Position:	170
	Loop:	RMR Optional
	Level:	Detail
	Usage:	Optional
	Max Use:	>1
	Purpose:	To specify identifying information
	Syntax Notes:	1 At least one of REF02 or REF03 is required.
		2 If either C04003 or C04004 is present, then the other is required.
		3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:		1 REF04 contains data relating to the value cited in REF02.
Comments:		
	Notes:	REF segment is only used for the John Deere Welland EFT process.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**REF01**	**128**	**Reference Identification Qualifier**	**M**	**ID 2/3**
			Code qualifying the Reference Identification		
		IV	Seller's Invoice Number		
		PO	Purchase Order Number		
	REF02	**127**	**Reference Identification**	**X**	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
	REF03	**352**	**Description**	**X**	**AN 1/80**
			A free-form description to clarify the related data elements and their content		

Segment:	**DTM** Date/Time Reference				

Segment: **DTM** Date/Time Reference
Position: 180
Loop: RMR   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.
2 If DTM04 is present, then DTM03 is required.
3 If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:
Comments:
Notes: Date passed in this segment is the date of the supplier's invoice or shipment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	DTM01	374	**Date/Time Qualifier**	M	ID 3/3
			Code specifying type of date or time, or both date and time		
			003 Invoice		
	DTM02	373	**Date**	X	DT 8/8
			Date expressed as CCYYMMDD		

Segment:	**IT1** Baseline Item Data (Invoice)			

Segment: **IT1** Baseline Item Data (Invoice)
Position: 190
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions
Syntax Notes:
  1 If any of IT102 IT103 or IT104 is present, then all are required.
  2 If either IT106 or IT107 is present, then the other is required.
  3 If either IT108 or IT109 is present, then the other is required.
  4 If either IT110 or IT111 is present, then the other is required.
  5 If either IT112 or IT113 is present, then the other is required.
  6 If either IT114 or IT115 is present, then the other is required.
  7 If either IT116 or IT117 is present, then the other is required.
  8 If either IT118 or IT119 is present, then the other is required.
  9 If either IT120 or IT121 is present, then the other is required.
  10 If either IT122 or IT123 is present, then the other is required.
  11 If either IT124 or IT125 is present, then the other is required.
Semantic Notes:
  1 IT101 is the purchase order 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.
Notes: Deere uses this segment for ERS payments only. The IT1 segment passes additional detail information about the invoice such as quantity, price, part number, and purchase order number. John Deere only sends this segment to suppliers that send Advance Ship Notices and are being paid using ERS.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
IT102	358	**Quantity Invoiced**	X	R 1/10
		Number of units invoiced (supplier units)		
IT103	355	**Unit or Basis for Measurement Code**	X	ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
IT104	212	**Unit Price**	X	R 1/17
		Price per unit of product, service, commodity, etc.		
IT105	639	**Basis of Unit Price Code**	O	ID 2/2
		Code identifying the type of unit price for an item		
IT106	235	**Product/Service ID Qualifier**	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		

  BP   Buyer's Part Number
  PL   Purchaser's Order Line Number
  RC   Returnable Container Number

Ref. Des.	Data Element	Name	Attributes	
IT107	234	**Product/Service ID**	X	AN 1/48
		Identifying number for a product or service		
IT108	235	**Product/Service ID Qualifier**	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		

  PO   Purchase Order Number

Ref. Des.	Data Element	Name	Attributes	
IT109	234	**Product/Service ID**	X	AN 1/48
		Identifying number for a product or service		

Segment:	**SE** Transaction Set Trailer			
Position:	010			
Loop:				
Level:	Summary			
Usage:	Mandatory			
Max Use:	1			
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)			
Syntax Notes:				
Semantic Notes:				
Comments:	1 SE is the last segment of each transaction set.			

Data Element Summary

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

John Deere Guideline for EDI 820 Remittance Advice

Based on AIAG Implementation Guideline - Version 4010

Sample EDI Transmission

```
ISA*00*      *00*      *01*305678132 *01*005289806 *001201*1328*U*00401*000000011*0*P*>
GS*RA*305678132*005289806*20001201*1328*11*X*004010
ST*820*0012
BPR*C*1441.86*C*DXC**01*021309397*DA*0601228307*3069621423**01*071105905*DA*463922*200012
03*VEN
TRN*1*00000907*3069621423
CUR*BY*USD
REF*IT*00000907
DTM*097*20001130*1615
N1*PR*JOHN DEERE FACTORY*1*005289806
N4*MOLINE*IL*62165*US
N1*PE*AJAX MFG.*1*012786540
N4*MOLINE*IL*62165*US
ENT*1
RMR*IV*006203493**486.51*496.44*9.93
DTM*003*20001103
IT1**1000*EA*49.64*TC*BP*AH137778*PO*342440
RMR*IV*006204183**720.3*735*14.7
DTM*003*20001110
IT1**10*EA*73.50*TE*BP*RE67893*PO*342440
RMR*IV*006205484**138.91*141.75*2.84
DTM*003*20001114
IT1**1000*EA*14.17*TC*BP*AM010622*PO*342445
RMR*IV*006205507**96.14*98.10*1.96
DTM*003*20001117
IT1**10*EA*9.81*TE*BP*AH166778*PO*342446
SE*24*0012
GE*1*11
IEA*1*000000011
```