



JR Simplot Food Group - 810 Invoice

X12/V4010/810: 810 Invoice

Version: 1.0

Company:
Modified:

J.R. Simplot Company
8/29/2018

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810 Invoice

Functional Group=IN

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

Not Defined:

<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>
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	BIG	Beginning Segment for Invoice	M	1			Must use
030	NTE	Note/Special Instruction	O	100			Used
040	CUR	Currency	O	1			Used
050	REF	Reference Identification	O	12			Used
050	REF	Reference Identification	O	12			Used
050	REF	Reference Identification	O	12			Used

LOOP ID - N1**200**

070	N1	Name	O	1			Used
090	N3	Address Information	O	2			Used
100	N4	Geographic Location	O	1			Used
070	N1	Name	O	1			Used
070	N1	Name	O	1			Used
130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1			Used
140	DTM	Date/Time Reference	O	10			Used
150	FOB	F.O.B. Related Instructions	O	1			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>
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LOOP ID - IT1**200000**

010	IT1	Baseline Item Data (Invoice)	O	1			Used
-----	-----	------------------------------	---	---	--	--	------

LOOP ID - PID**1000**

060	PID	Product/Item Description	O	1			Used
100	PO4	Item Physical Details	O	1			Used

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	TDS	Total Monetary Value Summary	M	1			Must use
030	CAD	Carrier Detail	O	1			Used

LOOP ID - SAC**25**

040	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
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LOOP ID - ISS**>1**

060	ISS	Invoice Shipment Summary	O	1			Used
070	CTT	Transaction Totals	O	1		N3/070	Used
080	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

<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>
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

3/070 Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used, hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 segment.

User Note 1:

810 Sample Data

BIG*20110307*52762946*20110211*31234567***DI~
 NTE*INV*The perishable agricultural commodities listed on this invoice are sol~
 NTE*INV*d subject to the statutory trust authorized by Section 5(C) of the Per~
 NTE*INV*ishable Agricultural Commodities Act, 1930 (7U.S.C.499E(C)). The Selle~
 NTE*INV*r of these commodities retains a trust claim over these commodities, a~
 NTE*INV*ll inventories of food or other products derived from these commoditie~
 NTE*INV*s and any receivables or proceeds from the sales of these commodities~
 NTE*INV*until full payment is received. In the event collection action becomes~
 NTE*INV* necessary, Buyer agrees to pay all costs of collection, including att~
 NTE*INV*orneys fees. Failure to pay when due will result in the addition of an~
 NTE*INV* interest charge at the rate of 1.5% per month. This invoice may not r~
 NTE*INV*effect actual customer delivered cost. Compliance with US Law for Comm~
 NTE*INV*odities, technology or software that are sold domestically: Compliance~
 NTE*INV* with the U.S. Export Administration Regulations (EAR) must be adhered~
 NTE*INV* to if the U.S. buyer intends to re-sell products. The buyer must not~
 NTE*INV*violate any U.S. Export Law, Regulation, Act, or Executive Order. If t~
 NTE*INV*he buyer in the U.S. is uncertain about any practice that may violate~
 NTE*INV*US Law regarding our product(s), the U.S. buyer must request guidance~
 NTE*INV*from our export compliance staff.~
 CUR*ZZ*USD~
 REF*CR*3381448~
 REF*VN*1254359~
 N1*BT*XYZ*9*0000123456789~
 N3* Bill to Address~
 N4*City*State*12345-6789*US~
 N1*ST*XYZ*9*0000123456789~
 N3*Ship to Address~
 N4*City*State*12345*US~
 N1*RE*J.R. SIMPLOT COMPANY*9*0000123456789~
 N3*PO Box 100948~
 N4*Atlanta*GA*30384-0948~
 N1*SF*J.R. SIMPLOT COMPANY*92*123456~
 ITD*08*0*0*20110317*10*20110322*15*123456~
 DTM*011*20110306~
 FOB*PP~
 IT1*1*1026*CA*000.000*PE*UK*10071179009894~
 PID*F***Fries Seas Wedge 14Cut 6/6# KFC~
 PO4*6~
 IT1*2*126*CA*000.000*PE*UK*10071179017073~
 PID*F***Fries Seas BatrBites 6/6#LowNa Taco Bell 00885251282593~
 PO4*6~
 TDS*0000000*0000000*0000000*000000~
 CAD*M***Carrier*Carrier Name~
 SAC*C*D240***000000*****Freight~
 SAC*C*D270***000000*****Freight~
 ISS*1154*CA*43776*LB~
 CTT*2~
 SE*49*0013~...
 GE*13*810000322~...
 IEA*1*810000322~

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control 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>	<u>Rep</u>
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Must use	1
<p>Description: Code to identify the type of information in the Authorization Information</p> <p>CodeList Summary (Total Codes: 7, Included: 1)</p> <p><u>Code</u> <u>Name</u></p> <p>00 No Authorization Information Present (No Meaningful Information in I02)</p>							
ISA02	I02	Authorization Information	M	AN	10/10	Must use	1
<p>Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)</p>							
ISA03	I03	Security Information Qualifier	M	ID	2/2	Must use	1
<p>Description: Code to identify the type of information in the Security Information</p> <p>CodeList Summary (Total Codes: 2, Included: 1)</p> <p><u>Code</u> <u>Name</u></p> <p>00 No Security Information Present (No Meaningful Information in I04)</p>							
ISA04	I04	Security Information	M	AN	10/10	Must use	1
<p>Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)</p>							
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Must use	1
<p>Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified</p> <p>CodeList Summary (Total Codes: 38, Included: 1)</p> <p><u>Code</u> <u>Name</u></p> <p>12 Phone (Telephone Companies)</p>							
ISA06	I06	Interchange Sender ID	M	AN	15/15	Must use	1
<p>Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element</p>							
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must use	1
<p>Description: Qualifier to designate the system/method of code structure used to</p>							

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
		designate the sender or receiver ID element being qualified					
		CodeList Summary (Total Codes: 38, Included: 4)					
		Code Name					
		01 Duns (Dun & Bradstreet)					
		08 UCC EDI Communications ID (Comm ID)					
		12 Phone (Telephone Companies)					
		ZZ Mutually Defined					
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Must use	1
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them					
ISA09	I08	Interchange Date	M	DT	6/6	Must use	1
		Description: Date of the interchange					
ISA10	I09	Interchange Time	M	TM	4/4	Must use	1
		Description: Time of the interchange					
ISA11	I10	Interchange Control Standards Identifier	M	ID	1/1	Must use	1
		Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer					
		All valid standard codes are used. (Total Codes: 1)					
ISA12	I11	Interchange Control Version Number	M	ID	5/5	Must use	1
		Description: Code specifying the version number of the interchange control segments					
		CodeList Summary (Total Codes: 14, Included: 1)					
		Code Name					
		00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997					
ISA13	I12	Interchange Control Number	M	N0	9/9	Must use	1
		Description: A control number assigned by the interchange sender					
ISA14	I13	Acknowledgment Requested	M	ID	1/1	Must use	1
		Description: Code sent by the sender to request an interchange acknowledgment (TA1)					
		CodeList Summary (Total Codes: 2, Included: 1)					
		Code Name					
		0 No Acknowledgment Requested					
ISA15	I14	Usage Indicator	M	ID	1/1	Must use	1
		Description: Code to indicate whether data enclosed by this interchange envelope is test, production or					

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
		information					
		CodeList Summary (Total Codes: 3, Included: 2)					
		Code		Name			
		P		Production Data			
		T		Test Data			
ISA16	I15	Component Element Separator	M		1/1	Must use	1
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator					

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control 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>	<u>Rep</u>
GS01	479	Functional Identifier Code	M	ID	2/2	Must use	1
<p>Description: Code identifying a group of application related transaction sets</p> <p>CodeList Summary (Total Codes: 240, Included: 1)</p> <p>Code Name</p> <p>IN Invoice Information (810,819)</p>							
GS02	142	Application Sender's Code	M	AN	2/15	Must use	1
<p>Description: Code identifying party sending transmission; codes agreed to by trading partners</p>							
GS03	124	Application Receiver's Code	M	AN	2/15	Must use	1
<p>Description: Code identifying party receiving transmission; codes agreed to by trading partners</p>							
GS04	373	Date	M	DT	8/8	Must use	1
<p>Description: Date expressed as CCYYMMDD</p>							
GS05	337	Time	M	TM	4/8	Must use	1
<p>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)</p>							
GS06	28	Group Control Number	M	N0	1/9	Must use	1
<p>Description: Assigned number originated and maintained by the sender</p>							
GS07	455	Responsible Agency Code	M	ID	1/2	Must use	1
<p>Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480</p> <p>CodeList Summary (Total Codes: 2, Included: 1)</p> <p>Code Name</p> <p>X Accredited Standards Committee X12</p>							
GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12	Must use	1
<p>Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS</p>							

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
		segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed					

CodeList Summary (Total Codes: 39, Included: 1)

<u>Code</u>	<u>Name</u>
004010	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997

ST Transaction Set Header

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

User Option (Usage): Must use

Purpose: 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>	<u>Rep</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use	1
<p>Description: Code uniquely identifying a Transaction Set</p> <p>CodeList Summary (Total Codes: 298, Included: 1)</p> <p>Code Name 810 Invoice</p>							
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use	1
<p>Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set</p>							

BIG Beginning Segment for Invoice

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

User Option (Usage): Must use

Purpose: To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

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>	<u>Rep</u>
BIG01	373	Date	M	DT	8/8	Must use	1
		Description: Date expressed as CCYYMMDD					
BIG02	76	Invoice Number	M	AN	1/22	Must use	1
		Description: Identifying number assigned by issuer					
BIG03	373	Date	O	DT	8/8	Used	1
		Description: Date expressed as CCYYMMDD					
BIG04	324	Purchase Order Number	O	AN	1/22	Used	1
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser					
BIG07	640	Transaction Type Code	O	ID	2/2	Used	1
		Description: Code specifying the type of transaction					
		CodeList Summary (Total Codes: 446, Included: 1)					
		<u>Code</u>	<u>Name</u>				
		DI	Debit Invoice				

NTE Note/Special Instruction

Pos: 030	Max: 100
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

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>	<u>Rep</u>
NTE01	363	Note Reference Code	O	ID	3/3	Used	1

Description: Code identifying the functional area or purpose for which the note applies

CodeList Summary (Total Codes: 241, Included: 1)

Code Name

INV Invoice Instruction

NTE02	352	Description	M	AN	1/80	Must use	1
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Description: A free-form description to clarify the related data elements and their content

User Note 1: *The perishable agricultural commodities listed on this invoice are sold subject to the statutory trust authorized by section 5(c) of the Perishable Agricultural Commodities Act, 1930 (7U.S.C. 499e(c)). The seller of these commodities retains a trust claim over these commodities, all inventories of food or other products derived from these commodities and any receivables or proceeds from the sale of these commodities until full payment is received." In the event collection action becomes necessary, Buyer agrees to pay all costs of collection, including attorneys' fees.*

CUR Currency

Pos: 040	Max: 1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: 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>	<u>Rep</u>
CUR01	98	Entity Identifier Code	M	ID	2/3	Must use	1

Description: Code identifying an organizational entity, a physical location, property or an individual

CodeList Summary (Total Codes: 1312, Included: 1)

Code Name

ZZ Mutually Defined

CUR02	100	Currency Code	M	ID	3/3	Must use	1
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Description: Code (Standard ISO) for country in whose currency the charges are specified

User Note 1: USD

REF Reference Identification

Pos: 050	Max: 12
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: 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>	<u>Rep</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use	1
		<p>Description: Code qualifying the Reference Identification</p> <p>CodeList Summary (Total Codes: 1503, Included: 1)</p> <p>Code Name</p> <p>CR Customer Reference Number</p>					
REF02	127	Reference Identification	X	AN	1/30	Used	1
		<p>Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p>					

REF Reference Identification

Pos: 050	Max: 12
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: 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>	<u>Rep</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use	1
		<p>Description: Code qualifying the Reference Identification</p> <p>CodeList Summary (Total Codes: 1503, Included: 1)</p> <p>Code Name</p> <p>BM Bill of Lading Number</p>					
REF02	127	Reference Identification	X	AN	1/30	Used	1
		<p>Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p>					

REF Reference Identification

Pos: 050	Max: 12
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: 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>	<u>Rep</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use	1
		<p>Description: Code qualifying the Reference Identification</p> <p>CodeList Summary (Total Codes: 1503, Included: 1)</p> <p>Code Name</p> <p>VN Vendor Order Number</p>					
REF02	127	Reference Identification	X	AN	1/30	Used	1
		<p>Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p>					

N1 Name

Pos: 070	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

Purpose: 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>	<u>Rep</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use	1

Description: Code identifying an organizational entity, a physical location, property or an individual

CodeList Summary (Total Codes: 1312, Included: 2)

Code Name

- BT Bill-to-Party
- ST Ship To

N102	93	Name	X	AN	1/60	Used	1
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Description: Free-form name

N103	66	Identification Code Qualifier	X	ID	1/2	Used	1
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Description: Code designating the system/method of code structure used for Identification Code (67)

CodeList Summary (Total Codes: 215, Included: 3)

Code Name

- 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix
- 91 Assigned by Seller or Seller's Agent
- 92 Assigned by Buyer or Buyer's Agent

N104	67	Identification Code	X	AN	2/80	Used	1
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Description: Code identifying a party or other code

N3 Address Information

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

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N301	166	Address Information	M	AN	1/55	Must use	1
		Description: Address information					
N302	166	Address Information	O	AN	1/55	Used	1
		Description: Address information					

N4 Geographic Location

Pos: 100	Max: 1
Heading - Optional	
Loop: N1	Elements: 3

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N401	19	City Name	O	AN	2/30	Used	1
		Description: Free-form text for city name					
N402	156	State or Province Code	O	ID	2/2	Used	1
		Description: Code (Standard State/Province) as defined by appropriate government agency					
N403	116	Postal Code	O	ID	3/15	Used	1
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)					

N1 Name

Pos: 070	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

Purpose: 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>	<u>Rep</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use	1
<p>Description: Code identifying an organizational entity, a physical location, property or an individual</p> <p>CodeList Summary (Total Codes: 1312, Included: 1)</p> <p>Code Name RE Party to receive commercial invoice remittance</p>							
N102	93	Name	X	AN	1/60	Used	1
<p>Description: Free-form name</p> <p>User Note 1: J. R. SIMPLOT COMPANY</p>							
N103	66	Identification Code Qualifier	X	ID	1/2	Used	1
<p>Description: Code designating the system/method of code structure used for Identification Code (67)</p> <p>CodeList Summary (Total Codes: 215, Included: 1)</p> <p>Code Name 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix</p>							
N104	67	Identification Code	X	AN	2/80	Used	1
<p>Description: Code identifying a party or other code</p> <p>User Note 1: 0377912820000</p>							

N1 Name

Pos: 070	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

Purpose: 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>	<u>Rep</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use	1

Description: Code identifying an organizational entity, a physical location, property or an individual

CodeList Summary (Total Codes: 1312, Included: 1)

Code Name

SF Ship From

N102	93	Name	X	AN	1/60	Used	1
------	----	-------------	---	----	------	------	---

Description: Free-form name

N103	66	Identification Code Qualifier	X	ID	1/2	Used	1
------	----	--------------------------------------	---	----	-----	------	---

Description: Code designating the system/method of code structure used for Identification Code (67)

CodeList Summary (Total Codes: 215, Included: 1)

Code Name

92 Assigned by Buyer or Buyer's Agent

N104	67	Identification Code	X	AN	2/80	Used	1
------	----	----------------------------	---	----	------	------	---

Description: Code identifying a party or other code

User Note 1: JR Simplot JD Edwards
Address Book Number

Represented by a 6 digit number
beginning with 708.

i.e. 708xxx

ITD Terms of Sale/Deferred Terms of Sale

Pos: 130	Max: >1
Heading - Optional	
Loop: N/A	Elements: 8

User Option (Usage): Used

Purpose: To specify terms of sale

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>	<u>Rep</u>
ITD01	336	Terms Type Code	O	ID	2/2	Used	1
<p>Description: Code identifying type of payment terms</p> <p>CodeList Summary (Total Codes: 65, Included: 2)</p> <p>Code Name</p> <p>05 Discount Not Applicable</p> <p>08 Basic Discount Offered</p>							
ITD02	333	Terms Basis Date Code	O	ID	1/2	Used	1
<p>Description: Code identifying the beginning of the terms period</p> <p>CodeList Summary (Total Codes: 17, Included: 1)</p> <p>Code Name</p> <p>3 Invoice Date</p>							
ITD03	338	Terms Discount Percent	O	R	1/6	Used	1
<p>Description: Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date</p>							
ITD04	370	Terms Discount Due Date	X	DT	8/8	Used	1
<p>Description: Date payment is due if discount is to be earned expressed in format CCYYMMDD</p>							
ITD05	351	Terms Discount Days Due	X	N0	1/3	Used	1
<p>Description: Number of days in the terms discount period by which payment is due if terms discount is earned</p>							
ITD06	446	Terms Net Due Date	O	DT	8/8	Used	1
<p>Description: Date when total invoice amount becomes due expressed in format CCYYMMDD</p>							
ITD07	386	Terms Net Days	O	N0	1/3	Used	1
<p>Description: Number of days until total invoice amount is due (discount not applicable)</p>							
ITD08	362	Terms Discount Amount	O	N2	1/10	Used	1
<p>Description: Total amount of terms discount</p>							

DTM Date/Time Reference

Pos: 140	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: 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>	<u>Rep</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use	1
		<p>Description: Code specifying type of date or time, or both date and time</p> <p>CodeList Summary (Total Codes: 1112, Included: 1)</p> <p>Code Name</p> <p>011 Shipped</p>					
DTM02	373	Date	X	DT	8/8	Used	1
		<p>Description: Date expressed as CCYYMMDD</p>					

FOB F.O.B. Related Instructions

Pos: 150	Max: 1
Heading - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Used

Purpose: To specify transportation instructions relating to shipment

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>	<u>Rep</u>
FOB01	146	Shipment Method of Payment	M	ID	2/2	Must use	1

Description: Code identifying payment terms for transportation charges

CodeList Summary (Total Codes: 28, Included: 3)

Code Name

- CC Collect
- PB Customer Pick-up/Backhaul
- PP Prepaid (by Seller)

IT1 Baseline Item Data (Invoice)

Pos: 010	Max: 1
Detail - Optional	
Loop: IT1	Elements: 9

User Option (Usage): Used

Purpose: 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>	<u>Rep</u>
IT101	350	Assigned Identification	O	AN	1/20	Used	1
		Description: Alphanumeric characters assigned for differentiation within a transaction set					
IT102	358	Quantity Invoiced	X	R	1/10	Used	1
		Description: Number of units invoiced (supplier units)					
IT103	355	Unit or Basis for Measurement Code	X	ID	2/2	Used	1
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken					
		CodeList Summary (Total Codes: 794, Included: 2)					
		<u>Code</u>	<u>Name</u>				
		CA	Case				
		LB	Pound				
IT104	212	Unit Price	X	R	1/17	Used	1
		Description: Price per unit of product, service, commodity, etc.					
IT105	639	Basis of Unit Price Code	O	ID	2/2	Used	1
		Description: Code identifying the type of unit price for an item					
		CodeList Summary (Total Codes: 91, Included: 1)					
		<u>Code</u>	<u>Name</u>				
		PE	Price per Each				
IT106	235	Product/Service ID Qualifier	X	ID	2/2	Used	1
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)					
		CodeList Summary (Total Codes: 477, Included: 1)					
		<u>Code</u>	<u>Name</u>				
		UK	U.P.C./EAN Shipping Container Code (GTIN)				
		Description: A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit					
IT107	234	Product/Service ID	X	AN	1/48	Used	1
		Description: Identifying number for a product or service					
IT108	235	Product/Service ID Qualifier	X	ID	2/2	Used	1
		Description: Code identifying the					

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
		type/source of the descriptive number used in Product/Service ID (234)					
		CodeList Summary (Total Codes: 477, Included: 1)					
		<u>Code</u> <u>Name</u>					
		UA U.P.C./EAN Case Code (2-5-5)					
IT109	234	Product/Service ID	X	AN	1/48	Used	1
		Description: Identifying number for a product or service					

PID Product/Item Description

Pos: 060	Max: 1
Detail - Optional	
Loop: PID	Elements: 2

User Option (Usage): Used

Purpose: To describe a product or process in coded or free-form format

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>	<u>Rep</u>
PID01	349	Item Description Type	M	ID	1/1	Must use	1
		Description: Code indicating the format of a description					
		CodeList Summary (Total Codes: 3, Included: 1)					
		Code Name					
		F		Free-form			
PID05	352	Description	X	AN	1/80	Used	1
		Description: A free-form description to clarify the related data elements and their content					

PO4 Item Physical Details

Pos: 100	Max: 1
Detail - Optional	
Loop: IT1	Elements: 1

User Option (Usage): Used

Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item

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>	<u>Rep</u>
PO401	356	Pack	O	N0	1/6	Used	1

Description: The number of inner containers, or number of eaches if there are no inner containers, per outer container

TDS Total Monetary Value Summary

Pos: 010	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use

Purpose: To specify the total invoice discounts and amounts

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>	<u>Rep</u>
TDS01	610	Amount	M	N2	1/15	Must use	1
		Description: Monetary amount User Note 1: <i>Total Invoice Amount including all charges and allowances.</i>					
TDS02	610	Amount	O	N2	1/15	Used	1
		Description: Monetary amount User Note 1: <i>Amount subject to cash discount.</i>					
TDS03	610	Amount	O	N2	1/15	Used	1
		Description: Monetary amount User Note 1: <i>Discounted invoice amount.</i>					
TDS04	610	Amount	O	N2	1/15	Used	1
		Description: Monetary amount User Note 1: <i>Amount not subject to discount.</i>					

CAD Carrier Detail

Pos: 030	Max: 1
Summary - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

Purpose: To specify transportation details for the 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>	<u>Rep</u>
CAD01	91	Transportation Method/Type Code	O	ID	1/2	Used	1
		Description: Code specifying the method or type of transportation for the shipment					
		CodeList Summary (Total Codes: 71, Included: 3)					
		<u>Code</u> <u>Name</u>					
		H Customer Pickup					
		M Motor (Common Carrier)					
		R Rail					
CAD04	140	Standard Carrier Alpha Code	X	ID	2/4	Used	1
		Description: Standard Carrier Alpha Code					
CAD05	387	Routing	X	AN	1/35	Used	1
		Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity					

SAC Service, Promotion, Allowance, or Charge Information

Pos: 040	Max: 1
Summary - Optional	
Loop: SAC	Elements: 4

User Option (Usage): Used

Purpose: 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>	<u>Rep</u>
SAC01	248	Allowance or Charge Indicator	M	ID	1/1	Must use	1

Description: Code which indicates an allowance or charge for the service specified

CodeList Summary (Total Codes: 7, Included: 2)

Code Name

- A Allowance
- C Charge

SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID	4/4	Used	1
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Description: Code identifying the service, promotion, allowance, or charge

CodeList Summary (Total Codes: 1053, Included: 22)

Code Name

- A172 Administrative
- A960 Carrier
- B020 Certificate of Conformance
- B980 Deadhead Mileage Charge
- C200 Detention Unloading
- C210 Determined Freight
- C370 Diversion Charge
- D140 Forwarding Charge
- D200 Freight Charges to Destination
- D240 Freight
- D270 Fuel Surcharge
- D370 Government Inspection
- D980 Insurance
- E170 Labeling
- F180 Pallet
- F340 Pick/Up
- H390 Stop-off Charge
- H400 Stopcharge
- H430 Storage
- I200 Transfer Charge
- I380 Unloading (Labor Charges)
- ZZZZ Mutually Defined

SAC05	610	Amount	O	N2	1/15	Used	1
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Description: Monetary amount

SAC15	352	Description	X	AN	1/80	Used	1
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Description: A free-form description to clarify the related data elements and their content

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
		<i>User Note 1: If code D750 is used in SAC02 then the charges represent Freight to the DC.</i>					

ISS Invoice Shipment Summary

Pos: 060	Max: 1
Summary - Optional	
Loop: ISS	Elements: 4

User Option (Usage): Used

Purpose: To specify summary details of total items shipped in terms of quantity, weight, and volume

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>	<u>Rep</u>
ISS01	382	Number of Units Shipped	X	R	1/10	Used	1
		Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set					
ISS02	355	Unit or Basis for Measurement Code	X	ID	2/2	Used	1
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken					
		CodeList Summary (Total Codes: 794, Included: 1)					
		<u>Code</u>	<u>Name</u>				
		CA	Case				
ISS03	81	Weight	X	R	1/10	Used	1
		Description: Numeric value of weight					
ISS04	355	Unit or Basis for Measurement Code	X	ID	2/2	Used	1
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken					
		CodeList Summary (Total Codes: 794, Included: 1)					
		<u>Code</u>	<u>Name</u>				
		LB	Pound				

CTT Transaction Totals

Pos: 070	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Used

Purpose: To transmit a hash total for a specific element in the transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
CTT01	354	Number of Line Items	M	N0	1/6	Must use	1

Description: Total number of line items in the transaction set

SE Transaction Set Trailer

Pos: 080	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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)

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>	<u>Rep</u>
SE01	96	Number of Included Segments	M	N0	1/10	Must use	1
		Description: Total number of segments included in a transaction set including ST and SE segments					
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use	1
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set					

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control 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>	<u>Rep</u>
GE01	97	Number of Transaction Sets Included	M	N0	1/6	Must use	1
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element					
GE02	28	Group Control Number	M	N0	1/9	Must use	1
		Description: Assigned number originated and maintained by the sender					

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control 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>	<u>Rep</u>
IEA01	I16	Number of Included Functional Groups	M	N0	1/5	Must use	1
		Description: A count of the number of functional groups included in an interchange					
IEA02	I12	Interchange Control Number	M	N0	9/9	Must use	1
		Description: A control number assigned by the interchange sender					