



810 - Invoice

Version: 004010 X12

Company:

DOT FOODS, INC.

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
LOOP ID - N1					200		
070	N1	Name	M	1			Must use
090	N3	Address Information	M	2			Must use
100	N4	Geographic Location	M	1			Must use
LOOP ID - N1					200		
070	N1	Name	M	1			Must use
LOOP ID - N1					200		
070	N1	Name	M	1			Must use
LOOP ID - N1					200		
070	N1	Name	M	1			Must use
130	ITD	Terms of Sale/Deferred Terms of Sale	M	>1			Must use
140	DTM	Date/Time Reference	M	10			Must use

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 - IT1					200000		
010	IT1	Baseline Item Data (Invoice)	M	1			Must use
030	IT3	Additional Item Data	C	5			Used
LOOP ID - PID					1000		
060	PID	Product/Item Description	M	1			Must use
LOOP ID - SAC					25		
180	SAC	Service, Promotion, Allowance, or Charge Information	M	1			Must use

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	M	1			Must use
LOOP ID - SAC					25		
040	SAC	Service, Promotion, Allowance, or Charge Information	C	1			Used
LOOP ID - ISS					>1		
060	ISS	Invoice Shipment Summary	M	1			Must use
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

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> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>00</td> <td>No Authorization Information Present (No Meaningful Information in I02)</td> </tr> </tbody> </table>								<u>Code</u>	<u>Name</u>	00	No Authorization Information Present (No Meaningful Information in I02)
<u>Code</u>	<u>Name</u>										
00	No Authorization Information Present (No Meaningful Information in I02)										
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> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>00</td> <td>No Security Information Present (No Meaningful Information in I04)</td> </tr> </tbody> </table>								<u>Code</u>	<u>Name</u>	00	No Security Information Present (No Meaningful Information in I04)
<u>Code</u>	<u>Name</u>										
00	No Security Information Present (No Meaningful Information in I04)										
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>											
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 designate the sender or receiver ID element being qualified</p> <p>CodeList Summary (Total Codes: 38, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>08</td> <td>UCC EDI Communications ID (Comm ID)</td> </tr> </tbody> </table>								<u>Code</u>	<u>Name</u>	08	UCC EDI Communications ID (Comm ID)
<u>Code</u>	<u>Name</u>										
08	UCC EDI Communications ID (Comm ID)										
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Must use	1				
<p>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</p>											

Dot Foods: 9288030000

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 X12 codes are used. (Total Codes: 1)					
ISA12	I11	Interchange Control Version Number	M	ID	5/5	Must use	1
		Description: This version number covers the interchange control segments					
		CodeList Summary (Total Codes: 14, Included: 1)					
		<u>Code</u>		<u>Name</u>			
		00401		Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997			
ISA13	I12	Interchange Control Number	M	NO	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)					
		<u>Code</u>		<u>Name</u>			
		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 information					
		CodeList Summary (Total Codes: 3, Included: 1)					
		<u>Code</u>		<u>Name</u>			
		P		Production 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					

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: 234, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>IN</td> <td>Invoice Information (810,819)</td> </tr> </tbody> </table>								<u>Code</u>	<u>Name</u>	IN	Invoice Information (810,819)
<u>Code</u>	<u>Name</u>										
IN	Invoice Information (810,819)										
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> <p>Dot Foods: 9288030000</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	NO	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 used in conjunction with Data Element 480 to identify the issuer of the standard</p> <p>CodeList Summary (Total Codes: 2, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>X</td> <td>Accredited Standards Committee X12</td> </tr> </tbody> </table>								<u>Code</u>	<u>Name</u>	X	Accredited Standards Committee X12
<u>Code</u>	<u>Name</u>										
X	Accredited Standards Committee X12										
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 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</p>											

CodeList Summary (Total Codes: 36, 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
		Description: Code uniquely identifying a Transaction Set					
		CodeList Summary (Total Codes: 298, Included: 1)					
		<u>Code</u>		<u>Name</u>			
		810		Invoice			
ST02	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					

BIG

Beginning Segment for Invoice

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

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 Description: Date expressed as CCYYMMDD	M	DT	8/8	Must use	1
BIG02	76	Invoice Number Description: Identifying number assigned by issuer	M	AN	1/22	Must use	1
BIG03	373	Date Description: Date expressed as CCYYMMDD	M	DT	8/8	Must use	1
BIG04	324	Purchase Order Number Description: Identifying number for Purchase Order assigned by the orderer/purchaser	M	AN	1/22	Must use	1

N1

Name

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

User Option (Usage): Must use

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)							
		<u>Code</u>			<u>Name</u>		
		RE			Party to receive commercial invoice remittance		
N102	93	Name	M	AN	1/60	Must use	1
Description: Free-form name							
N103	66	Identification Code Qualifier	M	ID	1/2	Must use	1
Description: Code designating the system/method of code structure used for Identification Code (67)							
CodeList Summary (Total Codes: 215, Included: 1)							
		<u>Code</u>			<u>Name</u>		
		9			D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
N104	67	Identification Code	M	AN	2/80	Must use	1
Description: Code identifying a party or other code							

Syntax Rules:

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

N3

Address Information

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

User Option (Usage): Must use

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 Description: Address information	M	AN	1/55	Must use	1
N302	166	Address Information Description: Address information	O	AN	1/55	Used	1

N4

Geographic Location

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

User Option (Usage): Must use

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 Description: Free-form text for city name	M	AN	2/30	Must use	1
N402	156	State or Province Code Description: Code (Standard State/Province) as defined by appropriate government agency	M	ID	2/2	Must use	1
N403	116	Postal Code Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	M	ID	3/15	Must use	1

Syntax Rules:

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

N1

Name

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

User Option (Usage): Must use

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)							
		<u>Code</u>	<u>Name</u>				
		BT	Bill-to-Party				
N102	93	Name	M	AN	1/60	Must use	1
Description: Free-form name							
N103	66	Identification Code Qualifier	M	ID	1/2	Must use	1
Description: Code designating the system/method of code structure used for Identification Code (67)							
CodeList Summary (Total Codes: 215, Included: 1)							
		<u>Code</u>	<u>Name</u>				
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix				
N104	67	Identification Code	M	AN	2/80	Must use	1
Description: Code identifying a party or other code							
Dot Foods: <i>DUNS number: 0256712560000</i>							

Syntax Rules:

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

N1

Name

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

User Option (Usage): Must use

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)							
		<u>Code</u>	<u>Name</u>				
		ST	Ship To				
N102	93	Name	M	AN	1/60	Must use	1
Description: Free-form name							
N103	66	Identification Code Qualifier	M	ID	1/2	Must use	1
Description: Code designating the system/method of code structure used for Identification Code (67)							
CodeList Summary (Total Codes: 215, Included: 1)							
		<u>Code</u>	<u>Name</u>				
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix				
N104	67	Identification Code	M	AN	2/80	Must use	1
Description: Code identifying a party or other code							

Syntax Rules:

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

N1

Name

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

User Option (Usage): Must use

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)							
		<u>Code</u>			<u>Name</u>		
		SF			Ship From		
N102	93	Name	M	AN	1/60	Must use	1
Description: Free-form name							
N103	66	Identification Code Qualifier	M	ID	1/2	Must use	1
Description: Code designating the system/method of code structure used for Identification Code (67)							
CodeList Summary (Total Codes: 215, Included: 1)							
		<u>Code</u>			<u>Name</u>		
		9			D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
N104	67	Identification Code	M	AN	2/80	Must use	1
Description: Code identifying a party or other code							

Syntax Rules:

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

Terms of Sale/Deferred Terms of Sale

Pos: 130	Max: >1
Heading - Mandatory	
Loop: N/A	Elements: 7

User Option (Usage): Must use
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 Description: Code identifying type of payment terms CodeList Summary (Total Codes: 65, Included: 1) <u>Code</u> <u>Name</u> 01 Basic	M	ID	2/2	Must use	1
ITD02	333	Terms Basis Date Code Description: Code identifying the beginning of the terms period CodeList Summary (Total Codes: 17, Included: 1) <u>Code</u> <u>Name</u> 3 Invoice Date	M	ID	1/2	Must use	1
ITD03	338	Terms Discount Percent 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 Dot Foods: <i>If applicable.</i>	C	R	1/6	Used	1
ITD04	370	Terms Discount Due Date Description: Date payment is due if discount is to be earned expressed in format CCYYMMDD Dot Foods: <i>If applicable.</i>	C	DT	8/8	Used	1
ITD06	446	Terms Net Due Date Description: Date when total invoice amount becomes due expressed in format CCYYMMDD	M	DT	8/8	Must use	1
ITD08	362	Terms Discount Amount Description: Total amount of terms discount Dot Foods: <i>If applicable.</i>	C	N2	1/10	Used	1
ITD12	352	Description Description: A free-form description to clarify the related data elements and their content	M	AN	1/80	Must use	1

Syntax Rules:

1. L03040513 - If ITD03 is present, then at least one of ITD04, ITD05 or ITD13 is required.
2. L08040513 - If ITD08 is present, then at least one of ITD04, ITD05 or ITD13 is required.
3. L091011 - If ITD09 is present, then at least one of ITD10 or ITD11 is required.

DTM

Date/Time Reference

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

User Option (Usage): Must use

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
Description: Code specifying type of date or time, or both date and time							
CodeList Summary (Total Codes: 1112, Included: 1)							
		<u>Code</u>		<u>Name</u>			
		011		Shipped			
DTM02	373	Date	M	DT	8/8	Must use	1
Description: Date expressed as CCYYMMDD							

Syntax Rules:

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

User Option (Usage): Must use

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>								
IT102	358	Quantity Invoiced Description: Number of units invoiced (supplier units)	M	R	1/10	Must use	1								
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 CodeList Summary (Total Codes: 794, Included: 3) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CA</td> <td>Case</td> </tr> <tr> <td>EA</td> <td>Each</td> </tr> <tr> <td>LB</td> <td>Pound</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	CA	Case	EA	Each	LB	Pound	M	ID	2/2	Must use	1
<u>Code</u>	<u>Name</u>														
CA	Case														
EA	Each														
LB	Pound														
IT104	212	Unit Price Description: Price per unit of product, service, commodity, etc.	M	R	1/17	Must use	1								
IT106	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) CodeList Summary (Total Codes: 477, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>UK</td> <td>U.P.C./EAN Shipping Container Code (1-2-5-5-1)</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)	M	ID	2/2	Must use	1				
<u>Code</u>	<u>Name</u>														
UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)														
IT107	234	Product/Service ID Description: Identifying number for a product or service	M	AN	1/48	Must use	1								

Syntax Rules:

1. P020304 - If either IT102, IT103 or IT104 are present, then the others are required.
2. P0607 - If either IT106 or IT107 is present, then the other is required.
3. P0809 - If either IT108 or IT109 is present, then the other is required.
4. P1011 - If either IT110 or IT111 is present, then the other is required.
5. P1213 - If either IT112 or IT113 is present, then the other is required.
6. P1415 - If either IT114 or IT115 is present, then the other is required.
7. P1617 - If either IT116 or IT117 is present, then the other is required.
8. P1819 - If either IT118 or IT119 is present, then the other is required.
9. P2021 - If either IT120 or IT121 is present, then the other is required.
10. P2223 - If either IT122 or IT123 is present, then the other is required.
11. P2425 - If either IT124 or IT125 is present, then the other is required.

IT3

Additional Item Data

Pos: 030	Max: 5
Detail - Conditional	
Loop: IT1	Elements: 2

User Option (Usage): Used

Purpose: To specify additional item details relating to variations between ordered and shipped quantities, or to specify alternate units of measures and quantities

Dot Foods:

It is only necessary to send the IT3 segment if the Quantity Invoiced (IT102), the Quantity Invoiced UOM (IT103), and the Unit Price (IT104) are communicating per pound values, rather than per case values.

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>
IT301	382	Number of Units Shipped	C	R	1/10	Used	1
Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set							
IT302	355	Unit or Basis for Measurement Code	C	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				

Syntax Rules:

1. P0102 - If either IT301 or IT302 is present, then the other is required.
2. R01030405 - At least one of IT301, IT303, IT304 or IT305 is required.

User Option (Usage): Must use

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)					
		<u>Code</u>		<u>Name</u>			
		F		Free-form			
PID05	352	Description	M	AN	1/80	Must use	1
		Description: A free-form description to clarify the related data elements and their content					

Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.
3. C0703 - If PID07 is present, then PID03 is required.
4. C0804 - If PID08 is present, then PID04 is required.
5. C0905 - If PID09 is present, then PID05 is required.

SAC

Service, Promotion, Allowance, or Charge Information

Pos: 180	Max: 1
Detail - Mandatory	
Loop: SAC	Elements: 5

User Option (Usage): Must use

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)							
		<u>Code</u>	<u>Name</u>				
		A	Allowance				
		C	Charge				
SAC02	1300	Service, Promotion, Allowance, or Charge Code	M	ID	4/4	Must use	1
Description: Code identifying the service, promotion, allowance, or charge							
CodeList Summary (Total Codes: 1053, Included: 7)							
		<u>Code</u>	<u>Name</u>				
		C040	Delivery				
		D240	Freight				
		F170	Pallet Exchange Charge				
		F340	Pick/Up				
		F800	Promotional Allowance				
		H625	Tax - Beverage Tax				
		I170	Trade Discount				
SAC05	610	Amount	M	N2	1/15	Must use	1
Description: Monetary amount							
SAC08	118	Rate	M	R	1/9	Must use	1
Description: Rate expressed in the standard monetary denomination for the currency specified							
SAC15	352	Description	M	AN	1/80	Must use	1
Description: A free-form description to clarify the related data elements and their content							

Syntax Rules:

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

TDS

Total Monetary Value Summary

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

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

Pos: 030	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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	M	ID	1/2	Must use	1
Description: Code specifying the method or type of transportation for the shipment							
CodeList Summary (Total Codes: 71, Included: 2)							
		<u>Code</u>		<u>Name</u>			
		H		Customer Pickup			
		M		Motor (Common Carrier)			
CAD05	387	Routing	M	AN	1/35	Must use	1
Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity							

Syntax Rules:

1. R0504 - At least one of CAD05 or CAD04 is required.
2. C0708 - If CAD07 is present, then CAD08 is required.

SAC

Service, Promotion, Allowance, or Charge Information

Pos: 040	Max: 1
Summary - Conditional	
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	C	ID	1/1	Used	1
Description: Code which indicates an allowance or charge for the service specified							
CodeList Summary (Total Codes: 7, Included: 2)							
		<u>Code</u>	<u>Name</u>				
		A	Allowance				
		C	Charge				
SAC02	1300	Service, Promotion, Allowance, or Charge Code	C	ID	4/4	Used	1
Description: Code identifying the service, promotion, allowance, or charge							
CodeList Summary (Total Codes: 1053, Included: 7)							
		<u>Code</u>	<u>Name</u>				
		C040	Delivery				
		D240	Freight				
		F170	Pallet Exchange Charge				
		F340	Pick/Up				
		F800	Promotional Allowance				
		H625	Tax - Beverage Tax				
		I170	Trade Discount				
SAC05	610	Amount	C	N2	1/15	Used	1
Description: Monetary amount							
SAC15	352	Description	C	AN	1/80	Used	1
Description: A free-form description to clarify the related data elements and their content							

Syntax Rules:

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

User Option (Usage): Must use

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 Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	M	R	1/10	Must use	1								
ISS02	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 CodeList Summary (Total Codes: 794, Included: 3) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CA</td> <td>Case</td> </tr> <tr> <td>EA</td> <td>Each</td> </tr> <tr> <td>UN</td> <td>Unit</td> </tr> </tbody> </table> Dot Foods: <i>If there is a mixture of each and case products on the invoice, please send "UN" as the total quantity shipped UOM.</i>	<u>Code</u>	<u>Name</u>	CA	Case	EA	Each	UN	Unit	M	ID	2/2	Must use	1
<u>Code</u>	<u>Name</u>														
CA	Case														
EA	Each														
UN	Unit														
ISS03	81	Weight Description: Numeric value of weight Dot Foods: <i>Total gross weight</i>	M	R	1/10	Must use	1								
ISS04	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 CodeList Summary (Total Codes: 794, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>LB</td> <td>Pound</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	LB	Pound	M	ID	2/2	Must use	1				
<u>Code</u>	<u>Name</u>														
LB	Pound														
ISS05	183	Volume Description: Value of volumetric measure	O	R	1/8	Used	1								
ISS06	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 CodeList Summary (Total Codes: 794, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CF</td> <td>Cubic Feet</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	CF	Cubic Feet	O	ID	2/2	Used	1				
<u>Code</u>	<u>Name</u>														
CF	Cubic Feet														

Syntax Rules:

1. R010305 - At least one of ISS01, ISS03 or ISS05 is required.
2. P0102 - If either ISS01 or ISS02 is present, then the other is required.
3. P0304 - If either ISS03 or ISS04 is present, then the other is required.
4. P0506 - If either ISS05 or ISS06 is present, then the other is required.

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					

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 Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	NO	1/6	Must use	1
GE02	28	Group Control Number Description: Assigned number originated and maintained by the sender	M	NO	1/9	Must use	1

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	NO	1/5	Must use	1
		Description: A count of the number of functional groups included in an interchange					
IEA02	I12	Interchange Control Number	M	NO	9/9	Must use	1
		Description: A control number assigned by the interchange sender					

EDI 810 Sample

ST*810*0001~
 BIG*20190410*1792546*20190319*709295-001~
 N1*RE*ABC 123 COMPANY*9*1234567891000~
 N3*PO BOX 742065~
 N4*ANYWHERE*CA*90074~
 N1*BT*DOT FOODS*9*02556712560000~
 N1*ST*DOT FOODS*9*0256712560101~
 N1*SF*ABC 123 COMPANY*9*1234567891001~
 ITD*01*3*****20190510*****Net 30 Days~
 DTM*011*20190409~
 IT1**112*CA*34.92**UK*00722252603081~
 PID*F*****3bx Counter Display~
 SAC*A*F340***1956***.1746*****PICKUP ALLOWANCE~
 IT1**23*CA*29.04**UK*00722252568557~
 PID*F*****Builders 2bx counter dis~
 SAC*A*F340***334***.1452*****PICKUP ALLOWANCE~
 TDS*455606~
 CAD*H****DOT FOODS INC~
 ISS*135*CA*955.3*LB~
 CTT*2~
 SE*21*0001~

EDI 810 Sample with CATCH WEIGHT ITEMS

ST*810*0187~
BIG*20090721*9573536*20090714*987654-001~
N1*RE*ABC 123 COMPANY*9*1234567890001~
N3*P. O. BOX 75414~
N4*ANYWHERE*IL*62301~
N1*BT*DOT FOODS INC*9*0256712560000~
N1*ST*DOT FOODS INC*9*0256712560101~
N1*SF*ABC COMPANY*9*1234567890000~
ITD*01*3*****20090729*8*****NET 7 DAYS~
DTM*011*20090720~
IT1*001*470.9*LB*1.77**UK*90070100022663~ CATCH WEIGHT ITEM
IT3*78*CA~ IT3 SEGMENT MANDATORY
PID*F****1PC J-MOR LIVER CHEESE RED BAG~
SAC*A*F800***942***0.02*****ALLOWANCE~
IT1*002*227.5*LB*1.91**UK*90070100044122~
IT3*8*CA~
PID*F****2PC FDSRV PIT BNL HM 12/14 WA~
SAC*A*F800***455***0.02*****ALLOWANCE~
IT1*003*1262.6*LB*1.8501**UK*90070100020164~
IT3*52*CA~
PID*F****2PC J M SMK VIRG STY HAM WA~
SAC*A*F800***2525***0.02*****ALLOWANCE~
IT1*004*20*CA*32**UK*10070100020076~ NON-CATCH WEIGHT ITEM
IT3*20*CA~
PID*F****2PC JM CKD HM&WAPROD 35% 12.5#~
SAC*A*F800***700***0.35*****ALLOWANCE~
IT1*005*720*CA*27.23**UK*10070100060492~
IT3*720*CA~
PID*F****300CT PRCKD BACON REG SLICED~
SAC*A*F800***21600***0.3*****ALLOWANCE~
IT1*006*337.8*LB*2.03**UK*90070100042777~
IT3*15*CA~
PID*F****2PC J-MOR BNLS HAM NJ 10/14VAC~
SAC*A*F800***676***0.02*****ALLOWANCE~
IT1*007*485.7*LB*1.13**UK*90070100035861~
IT3*11*CA~
PID*F****4PC JM SPICED LCHN MT COV ASM~
SAC*A*F800***486***0.01*****ALLOWANCE~
IT1*008*281.4*LB*1.87**UK*90070100043774~
IT3*6*CA~
PID*F****3PC FDSRV RND BNL HAM WA 14/16~
SAC*A*F800***563***0.02*****ALLOWANCE~
IT1*009*54*CA*26.28**UK*10070100020854~
IT3*54*CA~
PID*F****6/2# FS HAM SMKD SLCD WA 2/3OZ~
SAC*A*F800***1566***0.29*****ALLOWANCE~
IT1*010*59*LB*1.77**UK*90070100022724~

IT3*2*CA~
 PID*F****5PC J-MOR LIVER CHEESE RED BAG~
 SAC*A*F800***118***0.02*****ALLOWANCE~
 IT1*011*10*CA*36.6**UK*10070100020823~
 IT3*10*CA~
 PID*F****6/2# FS ROAST BEEF SLCD 2/3OZ~
 SAC*A*F800***400***0.4*****ALLOWANCE~
 IT1*012*4*CA*15.7**UK*10070100027310~
 IT3*4*CA~
 PID*F****10LB JM FDSRV MT FRKS 7/1 10IN~
 SAC*A*F800***68***0.17*****ALLOWANCE~
 IT1*013*18*CA*32.16**UK*10070100060553~
 IT3*18*CA~
 PID*F****24-1LB BRANDING IRON BCN T VAC~
 SAC*A*F800***630***0.35*****ALLOWANCE~
 IT1*014*24*CA*28.2**UK*10070100065053~
 IT3*24*CA~
 PID*F****15LB FDSRV SGSHNGL BCN14/17GLD~
 SAC*A*F800***744***0.31*****ALLOWANCE~
 IT1*015*1*CA*37.5**UK*10070100071559~
 IT3*1*CA~
 PID*F****50LB CUBE SNOW CAP LARD~
 SAC*A*F800***42***0.42*****ALLOWANCE~
 IT1*016*11*CA*37.92**UK*10070100070620~
 IT3*11*CA~
 PID*F****48-1LB CTN SNOWCAP LARD~
 SAC*A*F800***462***0.42*****ALLOWANCE~
 IT1*017*18*CA*28.05**UK*10070100065213~
 IT3*18*CA~
 PID*F****15LB FDSRV BULK SL BCN18/22GLD~
 SAC*A*F800***558***0.31*****ALLOWANCE~
 IT1*018*30*CA*25.65**UK*10070100065015~
 IT3*30*CA~
 PID*F****15LB FDSER BULK BAC DS14/17RED~
 SAC*A*F800***840***0.28*****ALLOWANCE~
 IT1*019*32*CA*48.24**UK*10070100060188~
 IT3*32*CA~
 PID*F****24-1LB J-MOR BACON T VAC~
 SAC*A*F800***1696***0.53*****ALLOWANCE~
 IT1*020*5*CA*43.68**UK*10070100060300~
 IT3*5*CA~
 PID*F****24/1LB JM BACON L-BRD~
 SAC*A*F800***240***0.48*****ALLOWANCE~
 IT1*021*9*CA*28.05**UK*10070100065206~
 IT3*9*CA~
 PID*F****15LB FDSRV BULK SL BCN14/17GLD~
 SAC*A*F800***279***0.31*****ALLOWANCE~
 IT1*023*15.64*LB*2.35**UK*90039073021332~
 IT3*2*CA~
 PID*F****2-4LB KRET P&P LOAF~

SAC*A*F800***47***0.03*****ALLOWANCE~
IT1*024*288.68*LB*3.14**UK*90039073926453~
IT3*17*CA~
PID*F***2PC KRET TURKEY BRST MESQUITE~
SAC*A*F800***866***0.03*****ALLOWANCE~
IT1*025*66*CA*21.5**UK*10070043020362~
IT3*66*CA~
PID*F***10LB PEYTON CHORIZO LINKS AC~
SAC*A*F800***1584***0.24*****ALLOWANCE~
IT1*026*1*CA*28**UK*10039073040849~
IT3*1*CA~
PID*F***14/8OZ KRET BRN SGR HAM ZIP PK~
SAC*A*F800***31***0.31*****ALLOWANCE~
IT1*027*24*CA*25.1**UK*10070100060546~
IT3*24*CA~
PID*F***300CT PRCKD BACON THIN SLICED~
SAC*A*F800***672***0.28*****ALLOWANCE~
IT1*028*36*CA*38.16**UK*10070100020830~
IT3*36*CA~
PID*F***6/2# FS TURKEY BRST SLCD 2/3OZ~
SAC*A*F800***1512***0.42*****ALLOWANCE~
TDS*3621258~
CAD*M***CPU*BUYERS TRUCK~
SAC*A*D240***30889***0.0084*****FREIGHT ALLOWANCE~
ISS*1275*CA*11031.71*LB~
CTT*27*4512.22~
SE*127*0187~