867 - Product Transfer & Resale

Version: 004010 X12

Company: DOT FOODS, INC.

867   Product Transfer and Resale Report

Functional Group=PT

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Product Transfer and Resale Report Transaction Set (867) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to: (1) report information about product that has been transferred from one location to another; (2) report sales of product from one or more locations to an end customer; or (3) report sales of a product from one or more locations to an end customer, and demand beyond actual sales (lost orders). Report may be issued by either buyer or seller.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	BPT	Beginning Segment for Product Transfer and Resale	M	1			Must use
030	DTM	Date/Time Reference	O	10			Used
040	DTM	Date/Time Reference	O	10			Used
050	REF	Reference Identification	O	12			Used
060	REF	Reference Identification	O	12			Used
070	REF	Reference Identification	O	12			Used
080	REF	Reference Identification	O	12			Used
080	REF	Reference Identification	O	12			Used
LOOP ID - N1					**5**		
090	N1	Name	O	1			Used
100	N3	Address Information	O	2			Used
110	N4	Geographic Location	O	1			Used
LOOP ID - N1					**5**		
120	N1	Name	O	1			Used
130	N3	Address Information	O	2			Used
140	N4	Geographic Location	O	1			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - PTD					**>1**		
010	PTD	Product Transfer and Resale Detail	M	1			Must use
020	REF	Reference Identification	O	20			Used
LOOP ID - QTY					**>1**		
030	QTY	Quantity	O	1			Used
040	LIN	Item Identification	O	1			Used
050	UIT	Unit Detail	O	12			Used
060	AMT	Monetary Amount	O	12			Used
070	ITA	Allowance, Charge or Service	O	10			Used
080	PID	Product/Item Description	O	200			Used
160	MEA	Measurements	O	40			Used
160	MEA	Measurements	O	40			Used
220	CUR	Currency	O	1			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CTT					**1**	**N3/160L**	
010	CTT	Transaction Totals	O	1		N3/010	Used
020	AMT	Monetary Amount	O	12			Used
170	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

3/160L   The number of line items (CTT01) is the accumulation of the number of LIN segments. If used, hash total (CTT02) is the sum of the value of quantities (QTY02) for each QTY segment.

3/010   The number of line items (CTT01) is the accumulation of the number of LIN segments. If used, hash total (CTT02) is the sum of the value of quantities (QTY02) for each QTY segment.

ISA Interchange Control Header

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use	1

Description: Code to identify the type of information in the Authorization Information

CodeList Summary (Total Codes: 7, Included: 1)

Code	Name
00	No Authorization Information Present (No Meaningful Information in I02)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use	1

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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use	1

Description: Code to identify the type of information in the Security Information

CodeList Summary (Total Codes: 2, Included: 1)

Code	Name
00	No Security Information Present (No Meaningful Information in I04)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISA04	I04	**Security Information**	M	AN	10/10	Must use	1

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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use	1

Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

CodeList Summary (Total Codes: 38, Included: 1)

Code	Name
08	UCC EDI Communications ID (Comm ID)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use	1

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
Dot Foods: *9288030000*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use	1

Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
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

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

Code	**Name**
U	U.S. EDI Community of ASC X12, TDCC, and UCS

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)

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 information

CodeList Summary (Total Codes: 3, Included: 1)

Code	**Name**
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

GS   Functional Group Header

<table>
<tr><td>Pos:</td><td>Max: 1</td></tr>
<tr><td colspan="2" align="center">Not Defined - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 8</td></tr>
</table>

User Option (Usage): Must use
Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use	1

Description: Code identifying a group of application related transaction sets

CodeList Summary (Total Codes: 234, Included: 1)

Code	Name
PT	Product Transfer and Resale Report (867)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use	1

Description: Code identifying party sending transmission; codes agreed to by trading partners
Dot Foods: *9288030000*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use	1

Description: Code identifying party receiving transmission. Codes agreed to by trading partners

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
GS04	373	**Date**	M	DT	8/8	Must use	1

Description: Date expressed as CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
GS05	337	**Time**	M	TM	4/8	Must use	1

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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
GS06	28	**Group Control Number**	M	N0	1/9	Must use	1

Description: Assigned number originated and maintained by the sender

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use	1

Description: Code used in conjunction with Data Element 480 to identify the issuer of the standard

CodeList Summary (Total Codes: 2, Included: 1)

Code	Name
X	Accredited Standards Committee X12

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use	1

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

CodeList Summary (Total Codes: 36, Included: 1)

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

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST

Transaction Set Header

User Option (Usage): Must use
Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
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)

Code	Name
867	Product Transfer and Resale Report

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
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

Semantics:

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

BPT

Beginning Segment for Product Transfer and Resale

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

User Option (Usage): Must use
Purpose: To indicate the beginning of the Product Transfer and Resale Report Transaction Set and transmit identifying data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BPT01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use	1

Description: Code identifying purpose of transaction set

CodeList Summary (Total Codes: 65, Included: 1)

Code	Name
00	Original

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BPT02	127	**Reference Identification**	O	AN	1/30	Used	1

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier
Dot Foods: *Invoice number*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BPT03	373	**Date**	M	DT	8/8	Must use	1

Description: Date expressed as CCYYMMDD
Dot Foods: *Invoice date*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BPT04	755	**Report Type Code**	O	ID	2/2	Used	1

Description: Code indicating the title or contents of a document, report or supporting item

CodeList Summary (Total Codes: 522, Included: 2)

Code	Name
CR	Letter of Credit
IV	Invoice

Syntax Rules:

1. P0506 - If either BPT05 or BPT06 is present, then the other is required.

Semantics:

1. BPT02 identifies the transfer/resale number.
2. BPT03 identifies the transfer/resale date.
3. BPT08 identifies the transfer/resale time.
4. BPT09 is used when it is necessary to reference a Previous Report Number.

DTM   Date/Time Reference

Pos: 030   **Max: 10**
Heading - Optional
Loop: N/A   **Elements: 2**

User Option (Usage): Used
Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
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)

Code	Name
004	Purchase Order

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
DTM02	373	**Date**	C	DT	8/8	Used	1

Description: Date expressed as CCYYMMDD
Dot Foods: *Date ordered*

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.

DTM Date/Time Reference

User Option (Usage): Used
Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
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)

Code	Name
035	Delivered

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
DTM02	373	**Date**	C	DT	8/8	Used	1

Description: Date expressed as CCYYMMDD
Dot Foods: *Date Delivered*

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.

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use	1

Description: Code qualifying the Reference
Identification

CodeList Summary (Total Codes: 1503, Included: 1)

Code	Name
PO	Purchase Order Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF02	127	**Reference Identification**	C	AN	1/30	Used	1

Description: Reference information as
defined for a particular Transaction Set or as
specified by the Reference Identification
Qualifier
Dot Foods: *Dot Customer PO Number*

Syntax Rules:

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

Semantics:

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

REF Reference Identification

User Option (Usage): Used
Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use	1

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 1)

Code	Name
VN	Vendor Order Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF02	127	**Reference Identification**	C	AN	1/30	Used	1

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier
Dot Foods: *Dot Order Number*

Syntax Rules:

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

Semantics:

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

REF Reference Identification

User Option (Usage): Used
Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use	1

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 1)

Code	Name
4P	Affiliation Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF02	127	**Reference Identification**	C	AN	1/30	Used	1

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier
Dot Foods: *Buying Group Number*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF03	352	**Description**	C	AN	1/80	Used	1

Description: A free-form description to clarify the related data elements and their content
Dot Foods: *Buying Group Name*

Syntax Rules:

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

Semantics:

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

REF Reference Identification

Pos: 080   **Max: 12**
Heading - Optional
Loop: N/A   **Elements: 2**

User Option (Usage): Used
Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use	1

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 3)

Code	Name
CM	Buyer's Credit Memo
DL	Seller's Debit Memo
IV	Seller's Invoice Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF02	127	**Reference Identification**	C	AN	1/30	Used	1

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier
Dot Foods: *Invoice Number*

Syntax Rules:

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

Semantics:

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

REF Reference Identification

User Option (Usage): Used
Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use	1

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 1)

Code	Name
F8	Original Reference Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF02	127	**Reference Identification**	C	AN	1/30	Used	1

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier
Dot Foods: *Original Invoice Number*

Syntax Rules:

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

Semantics:

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

Dot Foods:

This reference segment will only appear if the report type code sent in the BPT04 is equal to "CR". It is used to communicate the original invoice number to which the debit or credit memo is referring.

N1   **Name**

Pos: 090   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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
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
BT	Bill-to-Party

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N102	93	**Name**	C	AN	1/60	Used	1

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N103	66	**Identification Code Qualifier**	C	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
91	Assigned by Seller or Seller's Agent

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N104	67	**Identification Code**	C	AN	2/80	Used	1

Description: Code identifying a party or other code
Dot Foods: *Dot Foods' Bill-To Customer Number*

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.

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.

N3 Address Information

Pos: 100   Max: 2
Heading - Optional
Loop: N1   Elements: 2

User Option (Usage): Used
Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
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: 110   **Max: 1**
Heading - Optional
Loop: N1   **Elements: 4**

User Option (Usage): Used
Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
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)					
N404	26	**Country Code**	O	ID	2/3	Used	1
		Description: Code identifying the country					

Syntax Rules:

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

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

N1   **Name**

Pos: 120   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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
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
ST	Ship To

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N102	93	**Name**	C	AN	1/60	Used	1

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N103	66	**Identification Code Qualifier**	C	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
91	Assigned by Seller or Seller's Agent

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N104	67	**Identification Code**	C	AN	2/80	Used	1

Description: Code identifying a party or other code

Dot Foods: *Dot Foods' Ship-To Customer Number*

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.

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.

N3   **Address Information**

Pos: 130   **Max: 2**
Heading - Optional
Loop: N1   **Elements: 2**

User Option (Usage): Used
Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
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: 140   Max: 1
Heading - Optional
Loop: N1   Elements: 4

User Option (Usage): Used
Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
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)					
N404	26	**Country Code**	O	ID	2/3	Used	1
		Description: Code identifying the country					

Syntax Rules:

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

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

PTD

PTD   **Product Transfer and Resale Detail**

User Option (Usage): Must use
Purpose: To indicate the start of detail information relating to the transfer/resale of a product and provide identifying data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PTD01	521	**Product Transfer Type Code**	M	ID	2/2	Must use	1

Description: Code identifying the type of product transfer

CodeList Summary (Total Codes: 54, Included: 1)

Code	Name
SU	Summary

Syntax Rules:

1. P0203 - If either PTD02 or PTD03 is present, then the other is required.
2. P0405 - If either PTD04 or PTD05 is present, then the other is required.

REF   Reference Identification

User Option (Usage): Used
Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use	1

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 1)

Code	Name
SL	Sales/Territory Code

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF02	127	**Reference Identification**	C	AN	1/30	Used	1

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier
Dot Foods: *Supplier's Salesman Number*

Syntax Rules:

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

Semantics:

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

QTY   **Quantity**

Pos: 030   **Max: 1**
Detail - Optional
Loop: QTY   **Elements: 3**

User Option (Usage): Used
Purpose: To specify quantity information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
QTY01	673	**Quantity Qualifier**	M	ID	2/2	Must use	1

Description: Code specifying the type of quantity

CodeList Summary (Total Codes: 832, Included: 1)

Code	Name
39	Shipped Quantity

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
QTY02	380	**Quantity**	C	R	1/15	Used	1

Description: Numeric value of quantity

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
QTY03	C001	**Composite Unit of Measure**	O	Comp		Used	1

Description: To identify a composite unit of measure(See Figures Appendix for examples of use)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
QTY03-01	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use	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: 7)

Code	Name
BG	Bag
CA	Case
DR	Drum
EA	Each
GA	Gallon
PA	Pail
TE	Tote

Syntax Rules:

1. R0204 - At least one of QTY02 or QTY04 is required.
2. E0204 - Only one of QTY02 or QTY04 may be present.

Semantics:

1. QTY04 is used when the quantity is non-numeric.

LIN Item Identification

User Option (Usage): Used
Purpose: To specify basic item identification data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN02	235	**Product/Service ID Qualifier**	M	ID	2/2	Must use	1

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 477, Included: 2)

Code	Name
UA	U.P.C./EAN Case Code (2-5-5)

Dot Foods:
Available upon request

Code	Name
UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)

Dot Foods:
Preferred

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN03	234	**Product/Service ID**	M	AN	1/48	Must use	1

Description: Identifying number for a product or service
Dot Foods: *14 digit case GTIN (SCC-14) or 12 digit case UPC (available upon request).*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN04	235	**Product/Service ID Qualifier**	C	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)

Code	Name
MG	Manufacturer's Part Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN05	234	**Product/Service ID**	C	AN	1/48	Used	1

Description: Identifying number for a product or service
Dot Foods: *Manufacturer's Item Number*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN06	235	**Product/Service ID Qualifier**	C	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)

Code	Name
VN	Vendor's (Seller's) Item Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN07	234	**Product/Service ID**	C	AN	1/48	Used	1

Description: Identifying number for a product or service
Dot Foods: *Dot Foods' Item Number*

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.

9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

Semantics:

1. LIN01 is the line item identification

Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

UIT   Unit Detail

User Option (Usage): Used
Purpose: To specify item unit data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
UIT01	C001	**Composite Unit of Measure**	M	Comp		Must use	1

Description: To identify a composite unit of measure(See Figures Appendix for examples of use)

UIT01-01	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use	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: 8)

Code	Name
BG	Bag
CA	Case
DR	Drum
EA	Each
GA	Gallon
LB	Pound
PA	Pail
TE	Tote

UIT02	212	**Unit Price**	C	R	1/17	Used	1

Description: Price per unit of product, service, commodity, etc.

UIT03	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)

Code	Name
NT	Net

Syntax Rules:

1. C0302 - If UIT03 is present, then UIT02 is required.

Dot Foods:

On credits, price shown in the UIT02 will be the extended amount, which is also reflected in the AMT02.

AMT Monetary Amount

Pos: 060   Max: 12
Detail - Optional
Loop: QTY   Elements: 3

User Option (Usage): Used
Purpose: To indicate the total monetary amount

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
AMT01	522	**Amount Qualifier Code**	M	ID	1/3	Must use	1

Description: Code to qualify amount

CodeList Summary (Total Codes: 1473, Included: 1)

Code	Name
1	Line Item Total

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
AMT02	782	**Monetary Amount**	M	R	1/18	Must use	1

Description: Monetary amount

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
AMT03	478	**Credit/Debit Flag Code**	O	ID	1/1	Used	1

Description: Code indicating whether amount
is a credit or debit
Dot Foods:
*Only appears if invoice is a debit or credit
invoice, does not appear on regular (IV)
invoices.*

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

Code	Name
C	Credit
D	Debit

ITA   Allowance, Charge or Service

Pos: 070   **Max: 10**
Detail - Optional
Loop: QTY   **Elements: 4**

User Option (Usage): Used
Purpose: To specify allowances, charges, or services

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ITA01	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: 1)

Code	Name
P	Promotion

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ITA04	331	**Allowance or Charge Method of Handling Code**	M	ID	2/2	Must use	1

Description: Code indicating method of handling for an allowance or charge

CodeList Summary (Total Codes: 22, Included: 1)

Code	Name
02	Off Invoice

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ITA06	359	**Allowance or Charge Rate**	O	R	1/15	Used	1

Description: Allowance or Charge Rate per Unit

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ITA07	360	**Allowance or Charge Total Amount**	O	N2	1/15	Used	1

Description: Total dollar amount for the allowance or charge
Dot Foods: *Promotion amount is already netted out of the price reflected in the UIT02.*

Syntax Rules:

1. L02031314 - If ITA02 is present, then at least one of ITA03, ITA13 or ITA14 is required.
2. C0809 - If ITA08 is present, then ITA09 is required.
3. P1011 - If either ITA10 or ITA11 is present, then the other is required.
4. C1502 - If ITA15 is present, then ITA02 is required.
5. C1712 - If ITA17 is present, then ITA12 is required.

Semantics:

1. ITA09 is the allowance or charge percent.
2. ITA10 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
3. ITA12 is the quantity of free goods.

Comments:

1. If ITA01 equals "A" - allowance or "C" - charge, then at least one of ITA06, ITA07, or ITA08 must be present.
2. ITA02 identifies the source of the code value in ITA03 or ITA15.
3. If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence.
4. ITA13 is used to clarify the allowance, charge, or service.
5. ITA15 specifies the individual code list of the agency specified in ITA02.
6. ITA16 describes the relationship of ITA06, ITA07 or ITA09 to an associated segment.

Dot Foods:

ITA segment is only sent when item promotion is present on customer invoice.

PID Product/Item Description

Pos: 080   **Max: 200**
Detail - Optional
Loop: QTY   **Elements: 2**

User Option (Usage): Used
Purpose: To describe a product or process in coded or free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PID05	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. 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.

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

MEA **Measurements**

Pos: 160   Max: 40
Detail - Optional
Loop: QTY   Elements: 4

User Option (Usage): Used

Purpose: To specify physical measurements or counts, including dimensions, tolerances, variances, and weights(See Figures Appendix for example of use of C001)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
MEA01	737	**Measurement Reference ID Code**	O	ID	2/2	Used	1

Description: Code identifying the broad category to which a measurement applies

CodeList Summary (Total Codes: 152, Included: 1)

Code	Name
WT	Weights

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
MEA02	738	**Measurement Qualifier**	O	ID	1/3	Used	1

Description: Code identifying a specific product or process characteristic to which a measurement applies

CodeList Summary (Total Codes: 920, Included: 1)

Code	Name
N	Actual Net Weight

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
MEA03	739	**Measurement Value**	C	R	1/20	Used	1

Description: The value of the measurement

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
MEA04	C001	**Composite Unit of Measure**	C	Comp		Used	1

Description: To identify a composite unit of measure(See Figures Appendix for examples of use)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
MEA04-01	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use	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)

Code	Name
KG	Kilogram
LB	Pound

Syntax Rules:

1. R03050608 - At least one of MEA03, MEA05, MEA06 or MEA08 is required.
2. C0504 - If MEA05 is present, then MEA04 is required.
3. C0604 - If MEA06 is present, then MEA04 is required.
4. L07030506 - If MEA07 is present, then at least one of MEA03, MEA05 or MEA06 is required.
5. E0803 - Only one of MEA08 or MEA03 may be present.

Semantics:

1. MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

Comments:

1. When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

MEA   **Measurements**

User Option (Usage): Used
Purpose: To specify physical measurements or counts, including dimensions, tolerances, variances, and weights(See Figures Appendix for example of use of C001)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
MEA01	737	**Measurement Reference ID Code**	O	ID	2/2	Used	1

Description: Code identifying the broad category to which a measurement applies

CodeList Summary (Total Codes: 152, Included: 1)

Code	Name
WT	Weights

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
MEA02	738	**Measurement Qualifier**	O	ID	1/3	Used	1

Description: Code identifying a specific product or process characteristic to which a measurement applies

CodeList Summary (Total Codes: 920, Included: 1)

Code	Name
G	Gross Weight

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
MEA03	739	**Measurement Value**	C	R	1/20	Used	1

Description: The value of the measurement

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
MEA04	C001	**Composite Unit of Measure**	C	Comp		Used	1

Description: To identify a composite unit of measure(See Figures Appendix for examples of use)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
MEA04-01	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use	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)

Code	Name
KG	Kilogram
LB	Pound

Syntax Rules:

1. R03050608 - At least one of MEA03, MEA05, MEA06 or MEA08 is required.
2. C0504 - If MEA05 is present, then MEA04 is required.
3. C0604 - If MEA06 is present, then MEA04 is required.
4. L07030506 - If MEA07 is present, then at least one of MEA03, MEA05 or MEA06 is required.
5. E0803 - Only one of MEA08 or MEA03 may be present.

Semantics:

1. MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

Comments:

1. When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

CUR Currency

User Option (Usage): Used
Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
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
BY	Buying Party (Purchaser)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
CUR02	100	**Currency Code**	M	ID	3/3	Must use	1

Description: Code (Standard ISO) for country in whose currency the charges are specified
Dot Foods:
USD   US Dollars
CAD   Canadian Dollars

Comments:

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

CTT Transaction Totals

Pos: 010   Max: 1
Summary - Optional
Loop: CTT   Elements: 1

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
CTT01	354	**Number of Line Items**	M	N0	1/6	Must use	1
		Description: Total number of line items in the transaction set					

Syntax Rules:

1. P0304 - If either CTT03 or CTT04 is present, then the other is required.
2. P0506 - If either CTT05 or CTT06 is present, then the other is required.

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

AMT   Monetary Amount

User Option (Usage): Used
Purpose: To indicate the total monetary amount

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
AMT01	522	**Amount Qualifier Code**	M	ID	1/3	Must use	1

Description: Code to qualify amount

CodeList Summary (Total Codes: 1473, Included: 1)

Code	Name
5	Total Invoice Amount

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
AMT02	782	**Monetary Amount**	M	R	1/18	Must use	1

Description: Monetary amount

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
AMT03	478	**Credit/Debit Flag Code**	O	ID	1/1	Used	1

Description: Code indicating whether amount
is a credit or debit
Dot Foods:
*Only appears if invoice is a debit or credit
invoice, does not appear on regular (IV)
invoices.*

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

Code	Name
C	Credit
D	Debit

SE   Transaction Set Trailer

Pos: 170   **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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
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					

Comments:

1. SE is the last segment of each 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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
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					

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
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					

The following are examples of the types of 867's we may send. Not all of these may be applicable to every supplier.

Regular Invoice
ST*867*000000001~
BPT*00*3600067*20050704*IV~
DTM*004*20050629~
DTM*035*20050704~
REF*PO*083304~
REF*VN*1104501~
REF*4P*004*UNIPRO~
REF*IV*3600067~
N1*BT*ABC CUSTOMER*91*001234000~
N3*1000 MAIN ST~
N4*YOUR CITY*IL*623530000*US~
N1*ST*ABC CUSTOMER*91*001234000~
N3*1000 MAIN ST~
N4*YOUR CITY*IL*623530000*US~
PTD*SU~
REF*SL*99~
QTY*39*2*CA~
LIN**UK*10023456005195*MG*57744*VN*200700~
UIT*CA*42.82*NT~
AMT*1*85.64~
PID*F****ABC CLEAN-GP AL PPS 707 4-1 GA~
MEA*WT*N*70*LB~
MEA*WT*G*76*LB~
CUR*BY*USD~
PTD*SU~
REF*SL*210600~
QTY*39*3*CA~
LIN**UK*10023456008374*MG*837*VN*406597~
UIT*CA*22.44*NT~
AMT*1*67.32~
PID*F****ABC FUE-LAMP LIQ WAX PCRT 1-36 CNT~
MEA*WT*N*33*LB~
MEA*WT*G*33*LB~
CUR*BY*USD~
CTT*2~
AMT*5*152.96~
SE*37*000000001~

Regular Invoice with Canada country code and currency

ST*867*71010004~
BPT*00*1678004*20191105*IV~
DTM*004*20191028~
DTM*035*20191104~
REF*PO*24793~
REF*VN*3965596~
REF*4P*000*INDEPENDENT FOODSERVICE~
REF*IV*1678004~
N1*BT*ABC CUSTOMER*91*001234000~
N3*500 BAKER ST~
N4*TORONTO*ON*M8Z5E5*CA~
N1*ST*ABC CUSTOMER*91*001234000~
N3*500 BAKER ST~
N4*TORONTO*ON*M8Z5E5*CA~
PTD*SU~
REF*SL*10841392~
QTY*39*72*CA~
LIN**UK*10012345029625*MG*10071179029625*VN*353130~
UIT*CA*20.6*NT~
AMT*1*1483.20~
PID*F****YZ CONQUEST 5 16" F. 6-5 LB~
MEA*WT*N*979.7587*KG~
MEA*WT*G*1045.0759*KG~
CUR*BY*CAD~
CTT*1~
AMT*5*1483.20~
SE*27*71010004~

Credit for Product Return

ST*867*000000001~
BPT*00*1663175*20191101*CR~
DTM*004*20190923~
DTM*035*20190923~
REF*PO*N A~
REF*VN*3770624~
REF*4P*000*INDEPENDENT FOODSERVICE~
REF*CM*1663175~
REF*F8*1023440~ (Original Invoice Number)
N1*BT*ABC COMPANY*91*123456000~
N3*1 MAPLE AVE~
N4*YOUR TOWN*IL*12345*US~
N1*ST*ABC COMPANY*91*123456000~
N3*1 MAPLE AVE~
N4*YOUR TOWN*Il*12345*US~
PTD*SU~
REF*SL*OPEN~
QTY*39*-9*CA~
LIN**UK*00123456009876*MG*A210-5678*VN*123456~
UIT*CA*-192.24*NT~
AMT*1*-192.24*C~
PID*F****ABC 8.25" B STRW POLW 10-300 EA~
MEA*WT*N*-79.65*LB~
MEA*WT*G*-79.65*LB~
CUR*BY*USD~
CTT*1~
AMT*5*-192.24*C~
SE*28*000000001~

Credit for Price Adjustment

ST*867*14440058~
BPT*00*1619888*20191024*CR~
DTM*004*20191024~
DTM*035*20191024~
REF*PO*N A~
REF*VN*4028289~
REF*4P*000*INDEPENDENT FOODSERVICE~
REF*CM*1619888~
REF*F8*1254363~ (Original Invoice Number)
N1*BT* ABC COMPANY*91*123456000~
N3*1 MAPLE AVE~
N4*YOUR TOWN*IL*12345*US~
N1*ST*ABC COMPANY*91*123456000~
N3*1 MAPLE AVE~
N4*YOUR TOWN*IL*12345*US~
PTD*SU~
REF*SL*OPEN~
QTY*39*0*CA~
LIN**UK*00012345114800*MG*ABC123*VN*987654~
UIT*CA*-358.23*NT~
AMT*1*-358.23*C~
PID*F****ABC NAPB W 8-2500 EA~
MEA*WT*N*0*LB~
MEA*WT*G*0*LB~
CUR*BY*USD~
CTT*1~
AMT*5*-358.23*C~
SE*28*14440058~

Debit Memo
ST*867*000000001~
BPT*00*1663108*20191101*CR~
DTM*004*20191015~
DTM*035*20191015~
REF*PO*N A~
REF*VN*3950154~
REF*4P*005*SYSCO~
REF*DL*1663108~
REF*F8*9118757~   (original invoice number)
N1*BT*ABC CUSTOMER*91*123456000~
N3*500 JACKSON AVE~
N4*MY TOWN*NY*111110000*US~
N1*ST*ABC CUSTOMER*91*123456000~
N3*500 JACKSON AVE~
N4*MY TOWN*NY*111110000*US~
PTD*SU~
REF*SL*OPEN~
QTY*39*9*CA~
LIN**UK*10012345119601*MG*11000-12345*VN*396263~
UIT*CA*284.4*NT~
AMT*1*284.40*D~
PID*F****ABC SNPK HNYNT CHERO CERE 70-.81 OZ~
MEA*WT*N*31.86*LB~
MEA*WT*G*61.2*LB~
CUR*BY*USD~
CTT*1~
AMT*5*284.40*D~
SE*28*000000001~

Invoice with Unit Promotion

ST*867*000000001~
BPT*00*1677144*20191105*<mark>IV</mark>~
DTM*004*20191030~
DTM*035*20191104~
REF*PO*27978AR~
REF*VN*3897613~
REF*4P*019*GOLBON~
REF*<mark>IV</mark>*1677144~
N1*BT*ABC CUSTOMER*91*123456000~
N3*1000 COMMERCE COURT~
N4*MY TOWN*AZ*876540000*US~
N1*ST*ABC CUSTOMER LLC*91*123456001~
N3*1000 COMMERCE CT~
N4*MY TOWN*AZ*876540000*US~
PTD*SU~
REF*SL*OPEN~
QTY*39*5*CA~
LIN**UK*00012345177281*MG*74747-17728*VN*460690~
UIT*CA*18.8*NT~
AMT*1*94.00~
<mark>ITA*P***02**0.19*95~</mark>
PID*F****ABC YCY OG RAS & PCH W RF 48-4 OZ~
MEA*WT*N*60*LB~
MEA*WT*G*66.1*LB~
CUR*BY*USD~
CTT*1~
AMT*5*94.00~
SE*28*000000001~

Invoice for Samples

ST*867*000000001~
BPT*00*1251325*20190814*IV~
DTM*004*20190813~
DTM*035*20190813~
REF*PO*SAMPLE~
REF*VN*3454399~
REF*4P*000*INDEPENDENT FOODSERVICE~
REF*IV*1251325~
N1*BT*ABC COMPANY*91*123456000~
N3*1 RANGER ROAD, BOX 15~
N4*YOUR TOWN*MI*444440000*US~
N1*ST*ABC COMPANY LLC*91*123456001~
N3*1 RANGER ROAD~
N4*YOUR TOWN*MI*987650000*US~
PTD*SU~
REF*SL*154~
QTY*39*1*CA~
LIN**UK*00012345709408*MG*7778865*VN*337298~
UIT*CA*0*NT~
AMT*1*00.00~
PID*F****ABC TOPP-BAN CHIPS SWTDR 1-14 LB~
MEA*WT*N*14*LB~
MEA*WT*G*15.1*LB~
CUR*BY*USD~
CTT*1~
AMT*5*0.00~
SE*27*000000001~