

867 Beverage Report OMS

X12/V4010/867: 867 Product Transfer and Resale Report

Version: 1.3 Final

Company:	iTradeNetwork
Publication:	7/1/2013
Trading Partner:	
Current:	4/3/2015

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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.

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
050	DTM	Date/Time Reference	O	10			Must use
LOOP ID - N1					5		
080	N1	Name	O	1			Must use
100	N3	Address Information	O	2			Must use
110	N4	Geographic Location	O	1			Must use
LOOP ID - PER					≥1		
130	PER	Administrative Communications Contact	O	1			Must use

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
LOOP ID - N1					5		
050	N1	Name	O	1			Must use
070	N3	Address Information	O	2			Must use
080	N4	Geographic Location	O	1			Must use
090	REF	Reference Identification	O	20			Must use
LOOP ID - QTY					≥1		
110	QTY	Quantity	O	1			Must use
120	LIN	Item Identification	O	1			Must use
125	PO4	Item Physical Details	O	1			Used
150	PID	Product/Item Description	O	200			Used
190	REF	Reference Identification	O	>1			Must use
210	DTM	Date/Time Reference	O	10			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CTT					1	N3/010L	
010	CTT	Transaction Totals	O	1		N3/010	Must use
030	SE	Transaction Set Trailer	M	1			Must use

Notes:

3/010L 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.

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>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use
Description: Code uniquely identifying a Transaction Set						
CodeList Summary (Total Codes: 298, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		867		Product Transfer and Resale Report		
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
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: 5

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BPT01	353	Transaction Set Purpose Code	M	ID	2/2	Must use
Description: Code identifying purpose of transaction set						
CodeList Summary (Total Codes: 65, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		00		Original		
BPT02	127	Reference Identification	O	AN	1/30	Must use
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						
Sysco Note: We can use the composite of:						
3 digit Plant Number - 3 digit OPCO number						
6 digit Current Date						
6 digit Current Time						
2 digit Sequence Number						
iTN Note: iTN will concatenate the BPT 02 and BPT 09 separated by a period.						
BPT03	373	Date	M	DT	8/8	Must use
Description: Date expressed as CCYYMMDD						
Sysco Note: Report Date						
BPT04	755	Report Type Code	O	ID	2/2	Must use
Description: Code indicating the title or contents of a document, report or supporting item						
Sysco Note: Beverage Report - UL						
CodeList Summary (Total Codes: 522, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		UL		Other Type of Report		
BPT09	127	Reference Identification	O	AN	1/30	Must use
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						
Sysco Note: 'Beverage' for EDI867 Beverage Report						

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: 050	Max: 10
Heading - Optional	
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>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use
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>		
		585		Report		
DTM02	373	Date	X	DT	8/8	Must use
Description: Date expressed as CCYYMMDD						
Sysco Note: Report Date						

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.

Loop Name

Pos: 080	Repeat: 5
Optional	
Loop: N1	Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
080	N1	Name	O	1		Must use
100	N3	Address Information	O	2		Must use
110	N4	Geographic Location	O	1		Must use
130		Loop PER	O		>1	Used

N1

Name

Pos: 080	Max: 1
Heading - Optional	
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>
N101	98	Entity Identifier Code	M	ID	2/3	Must use
Description: Code identifying an organizational entity, a physical location, property or an individual						
CodeList Summary (Total Codes: 1312, Included: 3)						
		<u>Code</u>	<u>Name</u>			
		B4	Parent Company			
		DS	Distributor			
		SU	Supplier/Manufacturer			
N102	93	Name	X	AN	1/60	Must use
Description: Free-form name						
N103	66	Identification Code Qualifier	X	ID	1/2	Must use
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	X	AN	2/80	Must use
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.

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): 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>
N301	166	Address Information Description: Address information	M	AN	1/55	Must use
N302	166	Address Information Description: Address information	O	AN	1/55	Used

N4 Geographic Location

Pos: 110	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

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>
N401	19	City Name Description: Free-form text for city name	O	AN	2/30	Must use
N402	156	State or Province Code Description: Code (Standard State/Province) as defined by appropriate government agency	O	ID	2/2	Must use
N403	116	Postal Code Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Must use
N404	26	Country Code Description: Code identifying the country	O	ID	2/3	Must use

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.

Loop Administrative Communications Contact

Pos: 130	Repeat: >1
	Optional
Loop: PER	Elements: N/A

User Option (Usage): Used

Purpose: To identify a person or office to whom administrative communications should be directed

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
130	PER	Administrative Communications Contact	O	1		Must use

iTN Note:

This information is from the stored values in the company locations on OMS.

PER Administrative Communications Contact

Pos: 130	Max: 1
Heading - Optional	
Loop: PER	Elements: 4

User Option (Usage): Must use

Purpose: To identify a person or office to whom administrative communications should be directed

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>
PER01	366	Contact Function Code	M	ID	2/2	Must use
Description: Code identifying the major duty or responsibility of the person or group named						
CodeList Summary (Total Codes: 230, Included: 1)						
		<u>Code</u>	<u>Name</u>			
		AD	Accounting Department			
Sysco Note:						
OPCO Contact Phone Number						
PER02	93	Name	O	AN	1/60	Must use
Description: Free-form name						
PER03	365	Communication Number Qualifier	X	ID	2/2	Must use
Description: Code identifying the type of communication number						
CodeList Summary (Total Codes: 40, Included: 1)						
		<u>Code</u>	<u>Name</u>			
		TE	Telephone			
PER04	364	Communication Number	X	AN	1/80	Must use
Description: Complete communications number including country or area code when applicable						

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

Loop Product Transfer and Resale Detail

Pos: 010 Repeat: >1
Mandatory
Loop: PTD Elements: N/A

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	PTD	Product Transfer and Resale Detail	M	1		Must use
050		Loop N1	O		5	Must use
110		Loop QTY	O		>1	Must use

PTD Product Transfer and Resale Detail

Pos: 010	Max: 1
Detail - Mandatory	
Loop: PTD	Elements: 1

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PTD01	521	Product Transfer Type Code	M	ID	2/2	Must use

Description: Code identifying the type of product transfer

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

<u>Code</u>	<u>Name</u>
SS	Stock Sale

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.

Loop Name

Pos: 050	Repeat: 5
Optional	
Loop: N1	Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
050	N1	Name	O	1		Must use
070	N3	Address Information	O	2		Must use
080	N4	Geographic Location	O	1		Must use
090	REF	Reference Identification	O	20		Must use

N1

Name

Pos: 050	Max: 1
Detail - Optional	
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>
N101	98	Entity Identifier Code	M	ID	2/3	Must use

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

Sysco Note:
Sysco Customer

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

Sysco Note: Sysco Customer Name

N103	66	Identification Code Qualifier	X	ID	1/2	Must use
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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>
92	Assigned by Buyer or Buyer's Agent

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

Sysco Note: Sysco 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: 070	Max: 2
Detail - Optional	
Loop: N1	Elements: 1

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>
N301	166	Address Information	M	AN	1/55	Must use

Description: Address information

N4 Geographic Location

Pos: 080	Max: 1
Detail - Optional	
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>
N401	19	City Name	O	AN	2/30	Must use
		Description: Free-form text for city name				
N402	156	State or Province Code	O	ID	2/2	Must use
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	Postal Code	O	ID	3/15	Must use
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				

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.

REF Reference Identification

Pos: 090	Max: 20
Detail - Optional	
Loop: N1	Elements: 2

User Option (Usage): Must use
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>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 4)

<u>Code</u>	<u>Name</u>
17	Client Reporting Category Sysco Note: Sysco Customer Type
CR	Customer Reference Number Sysco Note: Supplier's Customer Number
SL	Sales/Territory Code Sysco Note: Sales Territory of Customer
DIS	District Number Sysco Note: District Number of Customer

REF02	127	Reference Identification	X	AN	1/30	Must use
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Sysco Note: Sysco Customer Type

CMU MUA
 NON Bids and Others
 OTH Schools

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.

Loop Quantity

Pos: 110 Repeat: >1
 Optional
 Loop: QTY Elements: N/A

User Option (Usage): Must use
Purpose: To specify quantity information

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
110	QTY	Quantity	O	1		Must use
120	LIN	Item Identification	O	1		Must use
125	PO4	Item Physical Details	O	1		Used
150	PID	Product/Item Description	O	200		Used
190	REF	Reference Identification	O	>1		Must use
210	DTM	Date/Time Reference	O	10		Must use

QTY Quantity

Pos: 110	Max: 1
Detail - Optional	
Loop: QTY	Elements: 2

User Option (Usage): Must use
Purpose: To specify quantity 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>
QTY01	673	Quantity Qualifier	M	ID	2/2	Must use

Description: Code specifying the type of quantity

CodeList Summary (Total Codes: 832, Included: 2)

<u>Code</u>	<u>Name</u>
32	Quantity Sold

Sysco Note:

Always a positive value
 Sysco generates a maximum of 2 decimal places in this field (R2)

76	Returns
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QTY02	380	Quantity	X	R	1/15	Must use
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Description: Numeric value of quantity

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

Pos: 120	Max: 1
Detail - Optional	
Loop: QTY	Elements: 15

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

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>				
LIN01	350	Assigned Identification	O	AN	1/20	Must use				
Description: Alphanumeric characters assigned for differentiation within a transaction set iTN Note: iTN will assign a Line ID for each detail record in the claim transaction.										
LIN02	235	Product/Service ID Qualifier	M	ID	2/2	Must use				
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>PI</td> <td>Purchaser's Item Code</td> </tr> </tbody> </table> Sysco Note: Sysco Item Code (SUPC Number) iTN Note: This will always be present							<u>Code</u>	<u>Name</u>	PI	Purchaser's Item Code
<u>Code</u>	<u>Name</u>									
PI	Purchaser's Item Code									
LIN03	234	Product/Service ID	M	AN	1/48	Must use				
Description: Identifying number for a product or service Sysco Note: Sysco Line Item SUPC										
LIN04	235	Product/Service ID Qualifier	X	ID	2/2	Used				
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> Sysco Note: 14 digit GTIN iTN Note: This is from the supplier's OMS catalog.							<u>Code</u>	<u>Name</u>	UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)
<u>Code</u>	<u>Name</u>									
UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)									
LIN05	234	Product/Service ID	X	AN	1/48	Used				
Description: Identifying number for a product or service Sysco Note: 14 digit GTIN Number iTN Note: This information is from the Supplier OMS catalog if available.										
LIN06	235	Product/Service ID Qualifier	X	ID	2/2	Used				
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>MG</td> <td>Manufacturer's Part Number</td> </tr> </tbody> </table> Sysco Note: Manufacturer ID iTN Note: This is from the supplier's OMS catalog.							<u>Code</u>	<u>Name</u>	MG	Manufacturer's Part Number
<u>Code</u>	<u>Name</u>									
MG	Manufacturer's Part Number									

LIN07	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or service						
LIN08	235	Product/Service ID Qualifier	X	ID	2/2	Used
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>			
		BL	Brand/Label			
		Sysco Note:				
		Brand Name				
		iTN Note:				
		This is from the supplier's OMS catalog.				
LIN09	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or service						
LIN10	235	Product/Service ID Qualifier	X	ID	2/2	Used
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>			
		UP	U.P.C. Consumer Package Code (1-5-5-1)			
		Sysco Note:				
		12 digit UPC				
		iTN Note:				
		This is from the supplier's OMS catalog.				
LIN11	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or service						
LIN12	235	Product/Service ID Qualifier	X	ID	2/2	Must use
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>			
		PG	Packaging Specification Number			
		Sysco Note:				
		Packaging Information				
LIN13	234	Product/Service ID	X	AN	1/48	Must use
Description: Identifying number for a product or service						
LIN14	235	Product/Service ID Qualifier	X	ID	2/2	Must use
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>			
		SZ	Vendor Alphanumeric Size Code (NRMA)			
		Sysco Note:				
		Size Information				
LIN15	234	Product/Service ID	X	AN	1/48	Must use
Description: Identifying number for a product or service						

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.

PO4 Item Physical Details

Pos: 125	Max: 1
Detail - Optional	
Loop: QTY	Elements: 10

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>
PO401	356	Pack	O	N0	1/6	Must use

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

Sysco Note: Supplier Catalog Item Pack Information

PO405	187	Weight Qualifier	O	ID	1/2	Must use
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Description: Code defining the type of weight

CodeList Summary (Total Codes: 52, Included: 1)

<u>Code</u>	<u>Name</u>
G	Gross Weight

PO406	384	Gross Weight per Pack	X	R	1/9	Must use
-------	-----	------------------------------	---	---	-----	----------

Description: Numeric value of gross weight per pack

PO407	355	Unit or Basis for Measurement Code	X	ID	2/2	Must use
-------	-----	---	---	----	-----	----------

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

PO408	385	Gross Volume per Pack	X	R	1/9	Must use
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Description: Numeric value of gross volume per pack

Sysco Note: Supplier Catalog CUBE

PO409	355	Unit or Basis for Measurement Code	X	ID	2/2	Must use
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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

PO410	82	Length	X	R	1/8	Must use
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Description: Largest horizontal dimension of an object measured when the object is in the upright position

Sysco Note: Supplier Catalog Length

PO411	189	Width	X	R	1/8	Must use
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Description: Shorter measurement of the two horizontal dimensions measured with the object in the upright position

Sysco Note: Supplier Catalog Width

PO412	65	Height	X	R	1/8	Must use
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Description: Vertical dimension of an object measured when the object is in the upright position

Sysco Note: Supplier Catalog Height

PO413 355 **Unit or Basis for Measurement Code** X ID 2/2 Must use

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. P0203 - If either PO402 or PO403 is present, then the other is required.
2. C0506 - If PO405 is present, then PO406 is required.
3. P0607 - If either PO406 or PO407 is present, then the other is required.
4. P0809 - If either PO408 or PO409 is present, then the other is required.
5. C1013 - If PO410 is present, then PO413 is required.
6. C1113 - If PO411 is present, then PO413 is required.
7. C1213 - If PO412 is present, then PO413 is required.
8. L13101112 - If PO413 is present, then at least one of PO410, PO411 or PO412 is required.
9. C1716 - If PO417 is present, then PO416 is required.
10. C1804 - If PO418 is present, then PO404 is required.

Semantics:

1. PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
2. PO416 is the package identifier or the beginning package identifier in a range of identifiers.
3. PO417 is the ending package identifier in a range of identifiers.
4. PO418 is the number of packages in this layer.

Comments:

1. PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
2. PO413 defines the unit of measure for PO410, PO411, and PO412.

PID Product/Item Description

Pos: 150	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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PID01	349	Item Description Type	M	ID	1/1	Must use

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

Sysco Note: Supplier Catalog Description

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.

REF Reference Identification

Pos: 190	Max: >1
Detail - Optional	
Loop: QTY	Elements: 3

User Option (Usage): Must use
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>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

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

<u>Code</u>	<u>Name</u>
IN	Consignee's Invoice Number Sysco Note: Customer's Invoice Number if available iTN Note: The Consignee's Invoice Number can be unique and distinct for each LIN in the Bill Back.
K6	Purchase Description Sysco Note: If the Supplier Item is not mapped, this is the Sysco Catalog GTIN and Description iTN Note: The distributor GTIN is in REF K6 02 and the Description is in REF K6 03, this is to be used if the supplier item catalog is not matche to the distributor SKU.
PG	Product Group Sysco Note: Supplier Catalog Proprietary Category iTN Note: The supplier item category and proprietary item category as described in the supplier's OMS catalog.

REF02	127	Reference Identification	X	AN	1/30	Must use
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

REF03	352	Description	X	AN	1/80	Used
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Description: A free-form description to clarify the related data elements and their content

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.

DTM Date/Time Reference

Pos: 210	Max: 10
Detail - Optional	
Loop: QTY	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>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use
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>		
		003		Invoice		
DTM02	373	Date	X	DT	8/8	Must use
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.

Loop Transaction Totals

Pos: 010	Repeat: 1
Optional	
Loop: CTT	Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	CTT	Transaction Totals	O	1		Must use

CTT Transaction Totals

Pos: 010	Max: 1
Summary - Optional	
Loop: CTT	Elements: 4

User Option (Usage): Must use

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>
CTT01	354	Number of Line Items	M	N0	1/6	Must use
Description: Total number of line items in the transaction set						
Sysco Note: The number of QTY segments						
CTT02	347	Hash Total	O	R	1/10	Must use
Description: Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.						
CTT05	183	Volume	X	R	1/8	Must use
Description: Value of volumetric measure						
Sysco Note: Sum of QTY 02's						
CTT06	355	Unit or Basis for Measurement Code	X	ID	2/2	Must use
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>		
		UN		Unit		

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.

SE Transaction Set Trailer

Pos: 030	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>
SE01	96	Number of Included Segments	M	NO	1/10	Must use
		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
		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.

Revision Information:

07/01/13	Added additional segments and elements.
09/02/13	Added Sysco qualifiers.
04/03/15	Updated Guideline name.