

888 Item Maintenance

X12/V4030 : 888 Item Maintenance

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Notes

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888 Item Maintenance

Functional Group=QG

Purpose: This Draft Standard for Trial Use provides the format and establishes the data contents of the Item Maintenance Transaction Set (888) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set is used to enable a manufacturer, supplier, broker, or agent to provide detailed finished goods product information to a partner in a consumer goods market. This transaction set can be used to provide information about new products or changes in existing product specifications. Price changes will not be sent with this transaction set, but can be sent with the Price Change Transaction Set (879).

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>
	ISA	Interchange Control Header	M	1		
	GS	Functional Group Header	M	1		

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
0100	ST	Transaction Set Header	M	1		
0150	BGN	Beginning Segment	O	1		
LOOP ID - 0100					>1	N1/0200L
0200	N1	Name	M	1		N1/0200
0400	N3	Address Information	O	2		
0500	N4	Geographic Location	O	1		
0600	N9	Reference Identification	O	10		
0700	G61	Contact	O	>1		
0800	NTE	Note/Special Instruction	O	20		
LOOP ID - 0200					>1	

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
LOOP ID - 0300					>1	
0100	G53	Maintenance Type	M	1		
0200	G62	Date/Time	O	3		N2/0200
0300	NTE	Note/Special Instruction	O	20		
LOOP ID - 0310					>1	
0350	LX	Assigned Number	M	1		
0400	G39	Item Characteristics - Vendor's Selling Unit	O	1		
0500	G69	Line Item Detail - Description	O	5		
0560	LIN	Item Identification	O	1		
0570	PID	Product/Item Description	O	200		
1510	N9	Reference Identification	O	10		
1530	MEA	Measurements	O	5		
LOOP ID - 0311					>1	
1560	N1	Name	O	1		
LOOP ID - 0313					>1	
1900	LQ	Industry Code	M	100		
2000	SE	Transaction Set Trailer	M	1		

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>
	GE	Functional Group Trailer	M	1		
	IEA	Interchange Control Trailer	M	1		

ISA Interchange Control Header

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

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>
ISA01	I01	Authorization Information Qualifier	M	ID	2/2
		Description: Code identifying the type of information in the Authorization Information			
		Code Name			
		00 No Authorization Information Present (No Meaningful Information in I02)			
ISA02	I02	Authorization Information	M	AN	10/10
		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)			
ISA03	I03	Security Information Qualifier	M	ID	2/2
		Description: Code identifying the type of information in the Security Information			
		All valid standard codes are used.			
ISA04	I04	Security Information	M	AN	10/10
		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)			
ISA05	I05	Interchange ID Qualifier	M	ID	2/2
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified			
		All valid standard codes are used.			
ISA06	I06	Interchange Sender ID	M	AN	15/15
		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			
		iTN Note 1: iTN's OMS Production ID - 109563165			
		iTN's OMS Test ID - 109563165			
ISA07	I05	Interchange ID Qualifier	M	ID	2/2
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified			
		All valid standard codes are used.			
ISA08	I07	Interchange Receiver ID	M	AN	15/15

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
		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
		Description: Date of the interchange			
ISA10	I09	Interchange Time	M	TM	4/4
		Description: Time of the interchange			
ISA11	I65	Repetition Separator	M		1/1
		Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator			
ISA12	I11	Interchange Control Version Number	M	ID	5/5
		Description: Code specifying the version number of the interchange control segments All valid standard codes are used.			
ISA13	I12	Interchange Control Number	M	N0	9/9
		Description: A control number assigned by the interchange sender			
ISA14	I13	Acknowledgment Requested	M	ID	1/1
		Description: Code indicating sender's request for an interchange acknowledgment			
		Code Name			
		0 No Acknowledgment Requested			
ISA15	I14	Usage Indicator	M	ID	1/1
		Description: Code indicating whether data enclosed by this interchange envelope is test, production or information			
		Code Name			
		P Production Data			
		T Test Data			
ISA16	I15	Component Element Separator	M		1/1
		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			
		iTN Note 1: iTN uses the '^' symbol on its outbound transactions.			

iTN Note 1:

Element separator value will be asterisk (). Segment terminator value will be tilde (~). Composite delimiter value will be carat (^).*

GS Functional Group Header

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

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>
GS01	479	Functional Identifier Code	M	ID	2/2
		Description: Code identifying a group of application related transaction sets			
		Code Name			
		QG Product Information (878, 879, 888, 889, 896)			
GS02	142	Application Sender's Code	M	AN	2/15
		Description: Code identifying party sending transmission; codes agreed to by trading partners			
		iTN Note 1: iTN's OMS Production ID - 109563165			
		iTN's OMS Test ID - 109563165			
GS03	124	Application Receiver's Code	M	AN	2/15
		Description: Code identifying party receiving transmission; codes agreed to by trading partners			
GS04	373	Date	M	DT	8/8
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			
GS05	337	Time	M	TM	4/8
		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)			
GS06	28	Group Control Number	M	N0	1/9
		Description: Assigned number originated and maintained by the sender			
GS07	455	Responsible Agency Code	M	ID	1/2
		Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480			
		Code Name			
		X Accredited Standards Committee X12			
GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12
		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			

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
		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			
		<u>Code</u> <u>Name</u>			
		004030 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1999			

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

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>
ST01	143	Transaction Set Identifier Code	M	ID	3/3
		Description: Code uniquely identifying a Transaction Set			
		Code Name			
		888 Item Maintenance			
ST02	329	Transaction Set Control Number	M	AN	4/9
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			
ST03	1705	Implementation Convention Reference	O	AN	1/35
		Description: Reference assigned to identify Implementation Convention			

BGN Beginning Segment

Pos: 0150	Max: 1
Heading - Optional	
Loop: N/A	Elements: 2

Purpose: To indicate the beginning of a transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
BGN01	353	Transaction Set Purpose Code	M	ID	2/2
		Description: Code identifying purpose of transaction set			
		<u>Code</u> <u>Name</u>			
		00 Original			
		01 Cancellation			
		02 Add			
		03 Delete			
		04 Change			
		05 Replace			
BGN07	640	Transaction Type Code	O	ID	2/2
		Description: Code specifying the type of transaction			

N1 Name

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: 0100	Elements: 5

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>
N101	98	Entity Identifier Code	M	ID	2/3
		Description: Code identifying an organizational entity, a physical location, property or an individual			
		Code Name			
		1P		Information Provider (Owner ID)	
N102	93	Name	X	AN	1/60
		Description: Free-form name			
N103	66	Identification Code Qualifier	X	ID	1/2
		Description: Code designating the system/method of code structure used for Identification Code (67)			
		Code Name			
		1		D-U-N-S Number, Dun & Bradstreet	
		9		D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		UL		UCC/EAN Location Code	
				Description: A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system	
		UM		UCC/EAN Location Code Suffix	
				Description: The last part of a 13 digit UCC/EAN Location Code within the Uniform Code Council (UCC) and International Number Association (EAN) numbering system; A 3 to 10 digit code for the identification of a location within the company identified by the UCC/EAN Location Code Prefix	
N104	67	Identification Code	X	AN	2/80
		Description: Code identifying a party or other code			
N106	98	Entity Identifier Code	O	ID	2/3
		Description: Code identifying an organizational entity, a physical location, property or an individual			
		Code Name			
		RL		Reporting Location	
		WH		Warehouse	

N3 Address Information

Pos: 0400	Max: 2
Heading - Optional	
Loop: 0100	Elements: 2

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>
N301	166	Address Information	M	AN	1/55
		Description: Address information			
N302	166	Address Information	O	AN	1/55
		Description: Address information			

N4 Geographic Location

Pos: 0500	Max: 1
Heading - Optional	
Loop: 0100	Elements: 4

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

N9 Reference Identification

Pos: 0600	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
N901	128	Reference Identification Qualifier	M	ID	2/3
		Description: Code qualifying the Reference Identification			
		Code Name			
		PS	Purchase Order Number Suffix		
		VW	Standard		
N902	127	Reference Identification	X	AN	1/50
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
		<i>iTN Note 1: 'M' = Metric Standard units of measure (kilograms, meters, Celcius)</i>			
		<i>'E' = English Standard units of measure (pounds, inches, Fahrenheit)</i>			
		<i>If N901 is 'PC' then N902 is Growing Method.</i>			

G61 Contact

Pos: 0700	Max: >1
Heading - Optional	
Loop: N/A	Elements: 5

Purpose: To identify a person or office to whom 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>
G6101	366	Contact Function Code	M	ID	2/2
		Description: Code identifying the major duty or responsibility of the person or group named			
		Code Name			
		AM Administrator			
G6102	93	Name	M	AN	1/60
		Description: Free-form name			
G6103	365	Communication Number Qualifier	X	ID	2/2
		Description: Code identifying the type of communication number			
		Code Name			
		EM Electronic Mail			
		TE Telephone			
G6104	364	Communication Number	X	AN	1/256
		Description: Complete communications number including country or area code when applicable			
G6105	443	Contact Inquiry Reference	O	AN	1/20
		Description: Additional reference number or description to clarify a contact number			

NTE Note/Special Instruction

Pos: 0800	Max: 20
Heading - Optional	
Loop: N/A	Elements: 2

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
NTE01	363	Note Reference Code	O	ID	3/3

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

Code Name

CAQ Stock Restrictions

EBU Service Description

ITN Note 1:

Extra Service Designation

LOI Loading Instructions

ITN Note 1:

Pallet Size

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

ITN Note 1: *When NTE01 = 'CAQ' then:*

Special Stock

When NTE01 = 'EBU' then:

'N' = Not an extra service (default)

'V' = Vendor extra service

'C' = Carrier extra service

When NTE01 = 'LOI' then:

'SMALL' = Small pallet

'LARGE' = Large pallet

G53 Maintenance Type

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: 0300	Elements: 1

Purpose: To identify the specific type of item maintenance

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
G5301	875	Maintenance Type Code	M	ID	3/3

Description: Code identifying the specific type of item maintenance

Code Name

001	Change
002	Delete
003	Add Full Item Detail
014	Suspended Pending Settlement Approval

G62 Date/Time

Pos: 0200	Max: 3
Detail - Optional	
Loop: 0300	Elements: 4

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>
G6201	432	Date Qualifier	X	ID	2/2
		Description: Code specifying type of date			
		Code Name			
		PE		Period End	
G6202	373	Date	X	DT	8/8
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			
G6203	176	Time Qualifier	X	ID	1/2
		Description: Code specifying the reported time			
G6204	337	Time	X	TM	4/8
		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)			

iTN Note 1:

If catalog items have different period end dates then multiple dates will need to be submitted for the items to which they apply.

NTE Note/Special Instruction

Pos: 0300	Max: 20
Detail - Optional	
Loop: 0300	Elements: 2

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
NTE01	363	Note Reference Code	O	ID	3/3

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

iTN Note 1: *If multiple Loading Instructions are required separate catalog/888 may be submitted. Different values should accompany different transactions.*

Code Name

ADD Additional Information (Container Name)

EBU Service Description

iTN Note 1:

Extra Service Designation

LOI Loading Instructions

iTN Note 1:

Pallet Size

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

iTN Note 1: *When NTE01 = 'EBU' then:*

'N' = Not an extra service (default)

'V' = Vendor extra service

'C' = Carrier extra service

When NTE01 = 'LOI' (Loading Instructions) then NTE02 options:

CC Container

Dusseldorf Pallette

Europallette

Industrie Pallette

Large

Small

Viertel Chep

When NTE01 = 'ADD' (Container Name) then NTE02 options:

Each

Case

Bin

Master

RPC

LX Assigned Number

Pos: 0350	Max: 1
Detail - Mandatory	
Loop: 0310	Elements: 1

Purpose: To reference a line number in a transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
LX01	554	Assigned Number	M	N0	1/6

Description: Number assigned for differentiation within a transaction set

G39 Item Characteristics - Vendor's Selling Unit

Pos: 0400	Max: 1
Detail - Optional	
Loop: 0310	Elements: 25

Purpose: To identify a vendor's selling unit or to provide physical characteristics relative to a vendor's selling unit

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
G3901	438	U.P.C. Case Code	X	AN	12/12
		Description: Code (Universal Product Code - U.P.C.) including two high order digits identifying the "system" (U.S. Grocery = 00, 06 or 07; U.S. Drug = 03); using the U.S. Grocery system, the next ten digits are: Manufacturer (5) Case Code (5)			
G3902	235	Product/Service ID Qualifier	X	ID	2/2
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		Code Name			
		UK GTIN			
		Description: Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)			
G3903	234	Product/Service ID	X	AN	1/48
		Description: Identifying number for a product or service			
G3905	395	Unit Weight	X	R	1/8
		Description: Numeric value of weight per unit			
G3906	187	Weight Qualifier	X	ID	1/2
		Description: Code defining the type of weight			
		Code Name			
		L Legal Weight			
G3907	188	Weight Unit Code	X	ID	1/1
		Description: Code specifying the weight unit			
		Code Name			
		G Grams			
		K Kilograms			
		L Pounds			
		O Ounces			
		T Long Ton			
G3908	65	Height	X	R	1/8
		Description: Vertical dimension of an object measured when the object is in the upright position			
G3909	355	Unit or Basis for Measurement Code	X	ID	2/2

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
		Code Name			
		CM Centimeter			
		FT Foot			
		IN Inch			
		MR Meter			
G3910	189	Width	X	R	1/8
		Description: Shorter measurement of the two horizontal dimensions measured with the object in the upright position			
G3911	355	Unit or Basis for Measurement Code	X	ID	2/2
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
		Code Name			
		CM Centimeter			
		FT Foot			
		IN Inch			
		MR Meter			
G3912	82	Length	X	R	1/8
		Description: Largest horizontal dimension of an object measured when the object is in the upright position			
G3913	355	Unit or Basis for Measurement Code	X	ID	2/2
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
		Code Name			
		CM Centimeter			
		FT Foot			
		IN Inch			
		MR Meter			
G3914	183	Volume	X	R	1/8
		Description: Value of volumetric measure			
G3915	355	Unit or Basis for Measurement Code	X	ID	2/2
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
G3916	416	Pallet Block and Tiers	O	N0	6/6
		Description: Code indicating pallet and load structure; first three digits indicate the number of cases per layer, last three digits indicate the number of layers per pallet			

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
G3917	356	Pack Description: The number of inner containers, or number of eaches if there are no inner containers, per outer container	O	N0	1/6
G3918	357	Size Description: Size of supplier units in pack	X	R	1/8
G3919	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	X	ID	2/2
G3920	397	Color Description: Free-form description of color	O	AN	1/10
G3923	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) <u>Code Name</u> PN Company Part Number	X	ID	2/2
G3924	234	Product/Service ID Description: Identifying number for a product or service	X	AN	1/48
G3925	187	Weight Qualifier Description: Code defining the type of weight <u>Code Name</u> N Actual Net Weight	X	ID	1/2
G3926	395	Unit Weight Description: Numeric value of weight per unit	X	R	1/8
G3927	810	Inner Pack Description: The number of eaches per inner container	O	N0	1/6
G3928	103	Packaging Code Description: Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required	O	AN	3/5

G69 Line Item Detail - Description

Pos: 0500	Max: 5
Detail - Optional	
Loop: 0310	Elements: 1

Purpose: To describe an item in 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>
G6901	369	Free-form Description	M	AN	1/45

Description: Free-form descriptive text

LIN Item Identification

Pos: 0560	Max: 1
Detail - Optional	
Loop: 0310	Elements: 31

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>
LIN01	350	Assigned Identification	O	AN	1/20
		Description: Alphanumeric characters assigned for differentiation within a transaction set			
LIN02	235	Product/Service ID Qualifier	X	ID	2/2
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		Code Name			
		MG Manufacturer's Part Number			
LIN03	234	Product/Service ID	X	AN	1/48
		Description: Identifying number for a product or service			
LIN04	235	Product/Service ID Qualifier	X	ID	2/2
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		Code Name			
		BL Brand/Label			
LIN05	234	Product/Service ID	X	AN	1/48
		Description: Identifying number for a product or service			
LIN06	235	Product/Service ID Qualifier	X	ID	2/2
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		Code Name			
		DV Region			
LIN07	234	Product/Service ID	X	AN	1/48
		Description: Identifying number for a product or service			
LIN08	235	Product/Service ID Qualifier	X	ID	2/2
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		Code Name			
		CN Commodity Name			
LIN09	234	Product/Service ID	X	AN	1/48
		Description: Identifying number for a product or service			
LIN10	235	Product/Service ID Qualifier	X	ID	2/2

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		Code Name GC Grade Code			
LIN11	234	Product/Service ID	X	AN	1/48
		Description: Identifying number for a product or service			
LIN12	235	Product/Service ID Qualifier	X	ID	2/2
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		Code Name KM Shelf-Life Code			
LIN13	234	Product/Service ID	X	AN	1/48
		Description: Identifying number for a product or service			
LIN14	235	Product/Service ID Qualifier	X	ID	2/2
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		Code Name PK Packaging Style			
		Description: <i>Packaging method used for manufacturer product</i>			
LIN15	234	Product/Service ID	X	AN	1/48
		Description: Identifying number for a product or service			
LIN16	235	Product/Service ID Qualifier	X	ID	2/2
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		Code Name HD International Harmonized Commodity Code			
		Description: <i>For customs authority purposes, the class and description of a subject part or material item per harmonized agreements on tariff commodity codes</i>			
LIN17	234	Product/Service ID	X	AN	1/48
		Description: Identifying number for a product or service			
LIN18	235	Product/Service ID Qualifier	X	ID	2/2
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		Code Name P8 Retail Price Look Up Number (PLU)			
LIN19	234	Product/Service ID	X	AN	1/48
		Description: Identifying number for a product or service			

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
LIN20	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) Code Name CH Country of Origin Code	X	ID	2/2
LIN21	234	Product/Service ID Description: Identifying number for a product or service	X	AN	1/48
LIN22	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) Code Name TP Product Type Code (BRICK Code)	X	ID	2/2
LIN23	234	Product/Service ID Description: Identifying number for a product or service	X	AN	1/48
LIN24	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) Code Name UD U.P.C./EAN Consumer Package Code (2-5-5)	X	ID	2/2
LIN25	234	Product/Service ID Description: Identifying number for a product or service	X	AN	1/48
LIN26	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) Code Name KN Shelf-Life Action Code	X	ID	2/2
LIN27	234	Product/Service ID Description: Identifying number for a product or service	X	AN	1/48
LIN28	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) Code Name PR Process Number	X	ID	2/2
LIN29	234	Product/Service ID Description: Identifying number for a product or service	X	AN	1/48
LIN30	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID	2/2

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
		<u>Code</u> <u>Name</u>			
		TD Treatment Codes			
LIN31	234	Product/Service ID	X	AN	1/48
		Description: Identifying number for a product or service			

PID Product/Item Description

Pos: 0570	Max: 200
Detail - Optional	
Loop: 0310	Elements: 6

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>
PID01	349	Item Description Type	M	ID	1/1
		Description: Code indicating the format of a description			
		Code Name			
		F Free-form			
PID02	750	Product/Process Characteristic Code	O	ID	2/3
		Description: Code identifying the general class of a product or process characteristic			
PID03	559	Agency Qualifier Code	X	ID	2/2
		Description: Code identifying the agency assigning the code values			
PID04	751	Product Description Code	X	AN	1/12
		Description: When used, indicates product is ripe gas product			
		iTN Note 1: 'R' = Ripe Gas Producer			
PID05	352	Description	X	AN	1/80
		Description: A free-form description to clarify the related data elements and their content			
		iTN Note 1: 'Ripe Gas Product'			
PID08	1073	Yes/No Condition or Response Code	O	ID	1/1
		Description: Code indicating a Yes or No condition or response			
		Code Name			
		N No			
		Y Yes			
		iTN Note 1:			
		<i>Indicates whether the logistics container data is valid for the item.</i>			

N9 Reference Identification

Pos: 1510	Max: 10
Detail - Optional	
Loop: 0310	Elements: 2

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
N901	128	Reference Identification Qualifier	M	ID	2/3
		Description: Code qualifying the Reference Identification			
		Code Name			
		UP	Consumer Package Code (1-5-5-1)		
		ZZ	Mutually Defined		
N902	127	Reference Identification	X	AN	1/50
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			

MEA Measurements

Pos: 1530	Max: 5
Detail - Optional	
Loop: 0310	Elements: 7

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
MEA01	737	Measurement Reference ID Code	O	ID	2/2
		Description: Code identifying the broad category to which a measurement applies			
		Code Name			
		PA Pallet Dimensions			
		TE Temperature			
		WT Weights			
MEA02	738	Measurement Qualifier	O	ID	1/3
		Description: Code identifying a specific product or process characteristic to which a measurement applies			
		Code Name			
		G Gross Weight			
		iTN Note 1:			
		<i>Gross Shipping Weight</i>			
		OL Output Disable Time from Low Level of a 3-State Output			
		Description: <i>The delay time between the specified reference points on the input and output voltage waveforms with the three-state output changing from the low level to a high impedance 'off' state</i>			
		ZD Load Factor			
		Description: <i>Relationship between watt hours and watt demand necessary to supply electric load</i>			
		OTT Others Total (Total Trade Units)			
		Description: <i>Identifies the total number of eaches contained in the pallet level unit.</i>			
		UCB Cube			
		Description: <i>The external cubic dimensions of a specified product</i>			
		VWT Volume Weight			
MEA03	739	Measurement Value	X	R	1/20
		Description: The value of the measurement			
MEA04	C001	Composite Unit of Measure	X	Comp	
		Description: To identify a composite unit of measure(See Figures Appendix for examples of use)			
MEA04-01	355	Unit or Basis for Measurement Code	M	ID	2/2
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
MEA05	740	Range Minimum Description: The value specifying the minimum of the measurement range iTN Note 1: <i>Minimum Storage Temperature</i>	X	R	1/20
MEA06	741	Range Maximum Description: The value specifying the maximum of the measurement range iTN Note 1: <i>Maximum Storage Temperature</i>	X	R	1/20
MEA07	935	Measurement Significance Code Description: Code used to benchmark, qualify or further define a measurement value Code Name 22 Actual 46 Estimated	O	ID	2/2

N1 Name

Pos: 1560	Max: 1
Detail - Optional	
Loop: 0311	Elements: 6

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>
N101	98	Entity Identifier Code	M	ID	2/3

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

Code Name

OK Brand Owner
Q7 Partner ID
PMF Party Manufactured For

iTN Note 1:

Private Label

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

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

Code Name

1 D-U-N-S Number, Dun & Bradstreet

iTN Note 1:

Proprietary ID

9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix

93 Code assigned by the organization originating the transaction set

UL UCC/EAN Location Code

Description: A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system

UM UCC/EAN Location Code Suffix

Description: The last part of a 13 digit UCC/EAN Location Code within the Uniform Code Council (UCC) and International Number Association (EAN) numbering system; A 3 to 10 digit code for the identification of a location within the company identified by the UCC/EAN Location Code Prefix

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

N105	706	Entity Relationship Code	O	ID	2/2
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Description: Code describing entity relationship

Code Name

06 Division

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
N106	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual	O	ID	2/3

LQ Industry Code

Pos: 1900	Max: 100
Detail - Mandatory	
Loop: 0313	Elements: 2

Purpose: Code to transmit standard industry codes

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
LQ01	1270	Code List Qualifier Code	O	ID	1/3
		Description: Code identifying a specific industry code list			
		<u>Code Name</u>			
		NP Special Category Code			
		Description: Code to indicate material with special properties			
LQ02	1271	Industry Code	X	AN	1/30
		Description: Code indicating a code from a specific industry code list			
		iTN Note 1: Expected values when LQ01 is 'NP':			
		TRUE, FALSE, NOT_APPLICABLE			

SE Transaction Set Trailer

Pos: 2000	Max: 1
Detail - Mandatory	
Loop: N/A	Elements: 2

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>
SE01	96	Number of Included Segments	M	N0	1/10
		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
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			

GE Functional Group Trailer

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

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>
GE01	97	Number of Transaction Sets Included	M	N0	1/6
		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
		Description: Assigned number originated and maintained by the sender			

IEA Interchange Control Trailer

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

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>
IEA01	I16	Number of Included Functional Groups	M	N0	1/5
		Description: A count of the number of functional groups included in an interchange			
IEA02	I12	Interchange Control Number	M	N0	9/9
		Description: A control number assigned by the interchange sender			