

888 Item Maintenance

Functional Group ID=QG

Introduction:

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).

Notes:

The maintenance types (G53 segment) and the products included, will be determined by previous agreement between the sender and receiver of the transaction set. For a new item setup, the Price Information Transaction Set (879) should accompany this transaction set to provide complete pricing information. Use the Promotion Announcement Transaction Set (889) for sending detailed promotion information. It is assumed that each Item Maintenance Transaction Set will be applied by the distributor in the order they are generated.

This document identifies the fields required by AAFES to establish an item in the AAFES item master file.

Segments not required by the standards, but required by AAFES, will be marked as "RECOMMENDED".

Elements marked "M" are required by the standards and must be transmitted. Elements marked "R" are required by AAFES and must be present in the transmission before AAFES can process the item maintenance.

THE G55 MUST BE SENT EVEN IF THE CASE AND CONSUMER UPCS ARE THE SAME.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
3	010	ST	Transaction Set Header	M	1		
Not Used	015	BGN	Beginning Segment	O	1		
LOOP ID - 0100						>1	
4	020	N1	Name	M	1		n1
Not Used	030	N2	Additional Name Information	O	1		
5	040	N3	Address Information	O	2		
6	050	N4	Geographic Location	O	1		
Not Used	060	N9	Reference Identification	O	10		
7	070	G61	Contact	O	3		
Not Used	080	NTE	Note/Special Instruction	O	20		
Not Used	085	G93	Price Bracket Identification	O	50		
8	086	G62	Date/Time	M	1		
LOOP ID - 0200						>1	
Not Used	090	LM	Code Source Information	O	1		
Not Used	100	LQ	Industry Code	M	100		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - 0300						>1	
9	010	G53	Maintenance Type	M	1		
888	X12	V4010			1		March 10, 2003

Army and Air Force Exchange Service						
10	020	G62	Date/Time	O	3	n2
Not Used	030	NTE	Note/Special Instruction	O	20	
LOOP ID - 0310						>1
11	040	G39	Item Characteristics - Vendor's Selling Unit	M	1	
15	050	G69	Line Item Detail - Description	O	5	
Not Used	055	QTY	Quantity	O	>1	
Not Used	060	G23	Terms of Sale	O	10	
16	070	G62	Date/Time	O	2	
Not Used	080	G36	Price List Reference	O	1	
Not Used	090	G26	Pricing Conditions	O	2	
Not Used	100	G43	Promotion/Price List Area	O	9999	
Not Used	110	G24	Promotion Reference	O	999	
Not Used	120	G40	Bracket Price	O	99	
Not Used	130	G93	Price Bracket Identification	O	50	
17	135	G22	Pricing Information	O	5	
Not Used	140	G46	Promotion Allowance/Charge	O	99	
18	145	H1	Hazardous Material	O	5	
19	150	G54	Module Description	O	99	
20	151	N9	Reference Identification	O	10	
Not Used	152	UIT	Unit Detail	O	10	
Not Used	153	MEA	Measurements	O	10	
Not Used	154	TD1	Carrier Details (Quantity and Weight)	O	1	
LOOP ID - 0311						>1
Not Used	156	N1	Name	O	1	
Not Used	157	N2	Additional Name Information	O	2	
Not Used	158	N3	Address Information	O	2	
Not Used	159	N4	Geographic Location	O	1	
Not Used	160	PAL	Pallet Information	O	>1	
LOOP ID - 0312						>1
21	165	G55	Item Characteristics - Consumer Unit	O	1	
25	170	G69	Line Item Detail - Description	O	5	
Not Used	175	QTY	Quantity	O	1	
LOOP ID - 0313						>1
Not Used	180	LM	Code Source Information	O	1	
Not Used	190	LQ	Industry Code	M	100	
26	200	SE	Transaction Set Trailer	M	1	

Transaction Set Notes

1. One iteration of the N1 loop should be used to identify the buying party (BY) to establish the area or location for which the item maintenance applies.
2. The G62 segment is used to specify the effective date for the item maintenance action reflected in G5301.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 888 Item Maintenance	M ID 3/3
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>The control number is comprised of the functional group control number (Data Element 28 in the GS segment) followed by a four-digit sequence number. The sequence number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first sequence number will be 0001 and will be incremented by one for each additional transaction set within the group.</i>	M AN 4/9

Segment: **N1** Name
Position: 020
Loop: 0100 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
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.
Notes: *One iteration of the N1 loop should be used to identify the buying party, using code BY in N101, to establish the area or location for which the item maintenance applies.*

Data Element Summary

Ref.	Data Element	Name	Attributes
M	N101	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual BO Broker or Sales Office BY Buying Party (Purchaser) <i>To specify locations or area for which the item maintenance applies. Use multiple iterations of the N1 loop if necessary.</i> VN Vendor <i>To identify the party supplying the product being maintained.</i>	M ID 2/3
R	N102	93 Name Free-form name	X AN 1/60
R	N103	66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix <i>The identification code consists of a 9-digit DUNS number for the party followed by a 4-character suffix defined by the party.</i>	X ID 1/2
R	N104	67 Identification Code Code identifying a party or other code <i>Parties may define multiple identification codes for a location in order to support warehouse or depositor processing. For example, multiple identification codes might be used to differentiate product lines or stocks for a depositor. Also see Data Elements 66 (Identification Code Qualifier) and 98 (Entity Identifier Code).</i>	X AN 2/80

Segment: N3 Address Information
Position: 040
Loop: 0100 Mandatory
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes: *MAPPED BUT NOT USED*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	N301	166	Address Information Address information	M AN 1/55
	N302	166	Address Information Address information	O AN 1/55

Segment: **N4 Geographic Location**
Position: 050
Loop: 0100 Mandatory
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
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.
Notes: *MAPPED BUT NO USED*

Data Element Summary

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

When this data element is used in the N4 segment, it is used only if the country is other than the USA.

Segment: **G61 Contact**
Position: 070
Loop:
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom communications should be directed
Syntax Notes: 1 If either G6103 or G6104 is present, then the other is required.
Semantic Notes:
Comments: 1 G6103 qualifies G6104.
Notes: *MAPPED BUT NOT USED*

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	G6101	366 Contact Function Code Code identifying the major duty or responsibility of the person or group named OD Order Department	M ID 2/2
M	G6102	93 Name Free-form name	M AN 1/60
	G6103	365 Communication Number Qualifier Code identifying the type of communication number <i>Also see Data Element 364 (Communication Number).</i> TE Telephone	X ID 2/2
	G6104	364 Communication Number Complete communications number including country or area code when applicable	X AN 1/80

Segment: **G62** Date/Time
Position: 086
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of G6201 or G6203 is required.
 2 If either G6201 or G6202 is present, then the other is required.
 3 If either G6203 or G6204 is present, then the other is required.

Semantic Notes:
Comments:

Notes: *This segment must be used to indicate the date and time the transaction was generated.*

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
R	G6201	432 Date Qualifier Code specifying type of date 09 Process Date <i>Generation date</i>	X ID 2/2
R	G6202	373 Date Date expressed as CCYYMMDD	X DT 8/8
	G6203	176 Time Qualifier Code specifying the reported time W Effective Time <i>Generation Time</i>	X ID 1/2
	G6204	337 Time 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)	X TM 4/8

Segment: **G53** Maintenance Type
Position: 010
Loop: 0300 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify the specific type of item maintenance
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

Ref.	Data Element	Name	Attributes
M	G5301	Maintenance Type Code	M ID 3/3
		Code identifying the specific type of item maintenance	
		001 Change	
			<i>Segments Required: N1, G53, G62, and G39. G3901 or G3902/G3903 will identify the item being changed. All other information provided is assumed to replace current information in the receiver's database. The G54 segment should not be sent. Changes to the contents of a module should be accomplished by deleting the old module code and adding a new one.</i>
		002 Delete	
			<i>Segments Required: N1, G53, G62 and G39. G3901 or G3902/G3903 will identify the item being deleted. Normally no other segments should be sent. However, when deleting a U.P.C. Case Code and the U.P.C. Consumer Package Code(s) associated with it, send the G55 segment indicating the U.P.C. Consumer Package Code(s) to be deleted. Do not send the G55 segment if the U.P.C. Consumer Package Code(s) are not to be deleted.</i>
		003 Add Full Item Detail	
			<i>Segments Required: N1, G53, G62, G39, G69, G55 and G69. G3901 or G3902/G3903 will identify the new item. When this code is used, the Price Information Transaction Set (879) should accompany the Item Maintenance Transaction Set (888) to provide price information.</i>

Segment: **G62** Date/Time
Position: 020
Loop: 0300 Mandatory
Level: Detail
Usage: Optional
Max Use: 3
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of G6201 or G6203 is required.
- 2 If either G6201 or G6202 is present, then the other is required.
- 3 If either G6203 or G6204 is present, then the other is required.

Semantic Notes:

Comments:

Notes:

This segment is used to specify the effective date for the item maintenance action reflected in G5301.

If G5301 contains code 001, 003, or 005, use either code 87, 88, or 89 in G6201.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
G6201	432	Date Qualifier	X ID 2/2
		Code specifying type of date	
		36 Expiration Date	
		<i>Used when G5301 contains code 002. This is the date the item will no longer be available. Also use when G5301 contains code 004. This is the date of withdrawal.</i>	
		87 First Order Date	
		88 First Ship Date	
G6202	373	Date	X DT 8/8
		Date expressed as CCYYMMDD	

Segment: **G39** Item Characteristics - Vendor's Selling Unit

Position: 040

Loop: 0310 Mandatory

Level: Detail

Usage: Mandatory

Max Use: 1

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

- Syntax Notes:**
- 1 At least one of G3901 or G3902 is required.
 - 2 If either G3902 or G3903 is present, then the other is required.
 - 3 If any of G3905 G3906 or G3907 is present, then all are required.
 - 4 If either G3906 or G3907 is present, then the other is required.
 - 5 If either G3908 or G3909 is present, then the other is required.
 - 6 If either G3910 or G3911 is present, then the other is required.
 - 7 If either G3912 or G3913 is present, then the other is required.
 - 8 If either G3914 or G3915 is present, then the other is required.
 - 9 If either G3918 or G3919 is present, then the other is required.
 - 10 If either G3923 or G3924 is present, then the other is required.
 - 11 If either G3925 or G3926 is present, then the other is required.

Semantic Notes:

Comments:

Notes:

G3901 is the primary identification of product items. Use G3902 and G3903 if it is necessary to identify an item other than by case. Use G5501/G5502 to specify the U.P.C. Consumer Package Codes associated with this U.P.C. Case Code.

Effective with the UCS version coinciding with the UCC-published sunset date (2005) for the discontinuation of the use of 12-digit product identifiers, G3901 (U.P.C. Case Code) will be marked as not used and will be replaced with the qualifier UK (U.P.C./EAN Shipping Container Code) (1-2-5-5-1) in G3902. The corresponding 14-digit product code will be reflected in DE234. This parallels the global transition to the 14-digit UCC/EAN-14 product identification numbering structure. In preparation for this transition, the UK qualifier and the corresponding 14-digit product code should be communicated in G3902 and G3903, respectively.

When the vendor's selling unit is a pallet or module, G3901 is not used and the pallet/module code is identified in G3903 using code UK in G3902. When the pallet/module consists of one or more cases of product, the G54 segment identifies the U.P.C. Case Code and quantities of each associated with the pallet/module and the G55 segment is not used. In this case, it is assumed that the U.P.C. Package Code and the specifications of the case(s) identified in the G54 segment were communicated in a previous 888 transaction. When the pallet/module consists of individual consumer units which are not packed in cases, the individual consumer unit(s) would be identified in the G55 segment and the associated quantity in the QTY segment. Multiple occurrences of the G55 loop would be used if more than one product exists on a pallet/module.

When a new item is added (G5301 contains code 003) and is a permanent replacement for an existing item, the new item is identified using G3901 or G3902/G3903 and the replaced item is identified in G3923 and G3924. The product being replaced should be deleted (G5301 contains code 002) using another iteration of the G53 loop within the same ST/SE.

When a new item is added (G5301 contains code 003) and is a temporary substitution for an existing item, the new item is identified in G3901 or G3902/G3903 and the substituted item is identified in G3923/G3924.

G3909, G3911, and G3913 must all be in the same unit of measure.

G3918 and G3919 are only used when the vendor's shipping unit is the consumer unit.

G3923 and G3924 are only used to indicate the replaced item (see Guideline above).

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
G3901	438	U.P.C. Case Code 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) <i>The U.P.C. Case Code is made up of the U.P.C. Shipping Container Code without the assortment indicator and the check digit. For WINS, the U.P.C. number may not define the product to be shipped with enough uniqueness to satisfy packing, or lot variation. In such cases, Data Elements 235 (Product/Service ID Qualifier) and 234 (Product/Service ID) should be used.</i>	X AN 12/12
G3902	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) <i>USED ONLY IF MODULE.</i> <i>The codes listed for G3902 apply to every occurrence of data element 235 in the G39 segment.</i>	X ID 2/2
		UE U.P.C./EAN Module Code (2-5-5) <i>If this code is used, at least one iteration of either the G54 or the G55 segment is required. The G54 segment is used to describe the case units and the G55 segment is used to describe the package units.</i>	
		UK U.P.C./EAN Shipping Container Code (1-2-5-5-1) A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit <i>If this code is used, at least one iteration of either the G54 or the G55 segment is required. The G54 segment is used to describe the case units and the G55 segment is used to describe the package units.</i>	
G3903	234	Product/Service ID Identifying number for a product or service	X AN 1/48
G3904	152	Special Handling Code Code specifying special transportation handling instructions	O ID 2/3
R	G3905	Unit Weight Numeric value of weight per unit <i>For WINS, actual weight of a package (unit) in the case, including package. This is commonly referred to as tare weight.</i>	X R 1/8

R	G3906	187	Weight Qualifier Code defining the type of weight G Gross Weight	X	ID 1/2
R	G3907	188	Weight Unit Code Code specifying the weight unit L Pounds	X	ID 1/1
R	G3908	65	Height Vertical dimension of an object measured when the object is in the upright position	X	R 1/8
R	G3909	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>The unit or basis for measurement code is used to qualify the contents of various data elements. It will vary depending on the data element it qualifies and the convention within industry groups.</i>	X	ID 2/2
R	G3910	189	IN Inch Width Shorter measurement of the two horizontal dimensions measured with the object in the upright position	X	R 1/8
R	G3911	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>The unit or basis for measurement code is used to qualify the contents of various data elements. It will vary depending on the data element it qualifies and the convention within industry groups.</i>	X	ID 2/2
R	G3912	82	IN Inch Length Largest horizontal dimension of an object measured when the object is in the upright position	X	R 1/8
R	G3913	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>The unit or basis for measurement code is used to qualify the contents of various data elements. It will vary depending on the data element it qualifies and the convention within industry groups.</i>	X	ID 2/2
R	G3914	183	IN Inch Volume Value of volumetric measure	X	R 1/8
R	G3915	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>The unit or basis for measurement code is used to qualify the contents of various data elements. It will vary depending on the data element it qualifies and the convention within industry groups.</i>	X	ID 2/2
R	G3916	416	CF Cubic Feet Pallet Block and Tiers 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	O	N0 6/6
R	G3917	356	Pack The number of inner containers, or number of eaches if there are no inner containers, per outer container <i>Number of packages per case.</i>	O	N0 1/6
R	G3918	357	Size Size of supplier units in pack <i>For WINS, this data element expresses the size of the packages within a case.</i>	X	R 1/8
R	G3919	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in	X	ID 2/2

which a measurement has been taken

The unit or basis for measurement code is used to qualify the contents of various data elements. It will vary depending on the data element it qualifies and the convention within industry groups.

G3920	397	Color Free-form description of color	O	AN 1/10
G3921	398	Order Sizing Factor A product specification other than gross or net weight, or cubic feet for a line item or transaction used for order sizing and pricing purposes	O	R 1/10
G3923	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
		UA		U.P.C./EAN Case Code (2-5-5) <i>A 12-digit number identifying the manufacturers shipping unit</i> <i>Code is formatted as:</i> <i>*2 digit number system character (U.S. Grocery and General Merchandise = 00, 06, or 07; U.S. Drug= 03) (EAN = 2 digit county flag); *5 digit manufacturer identification number</i> <i>*5 digit item number</i>
G3924	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
G3927	810	Inner Pack The number of eaches per inner container	O	N0 1/6

Segment: **G69** Line Item Detail - Description
Position: 050
Loop: 0310 Mandatory
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To describe an item in free-form format
Syntax Notes:
Semantic Notes:
Comments:
Notes:

Product description.

This segment is required when G5301 contains code 003.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	G6901	369	Free-form Description Free-form descriptive text	M AN 1/45

Segment: **G62** **Date/Time**
Position: 070
Loop: 0310 Mandatory
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of G6201 or G6203 is required.
 2 If either G6201 or G6202 is present, then the other is required.
 3 If either G6203 or G6204 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
G6201	432	Date Qualifier	X ID 2/2
		Code specifying type of date	
		36 Expiration Date	
		87 First Order Date	
		88 First Ship Date	
G6202	373	Date	X DT 8/8
		Date expressed as CCYYMMDD	
G6203	176	Time Qualifier	X ID 1/2
		Code specifying the reported time	
G6204	337	Time	X TM 4/8
		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)	

Segment: **G22 Pricing Information**
Position: 135
Loop: 0310 Mandatory
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To specify prepricing information
Syntax Notes:
Semantic Notes: 1 If G2201 equals "A", then G2202 and G2203 are required.
 If G2201 equals "Y", then G2202 is required.
 2 G2205 is the effective date of the pre-price information.
Comments: 1 If G2201 equals "Z" or G2201 equals "N", then neither G2202 nor G2203 are required.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	G2201	288	Prepriced Option Code Code specifying prepricing option selected Y Pre-Priced (Prices Included)	M ID 1/1
	G2202	420	Price New, Suggested Retail The consumer package price or retail unit price associated with the product applicable on or after an effective price date	O N2 2/7
	G2203	289	Multiple Price Quantity Quantity of units for a given price, e.g., 3 for \$10.00	O N0 1/2

Segment: **H1 Hazardous Material**
Position: 145
Loop: 0310 Mandatory
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To specify information relative to hazardous material
Syntax Notes: 1 If either H107 or H108 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment is required when the shipment contains hazardous material.
 2 H107 is the lowest temperature for hazardous materials.
Notes: *NOT USED AT THIS TIME, BUT WILL BE REQUIRED AT A LATER DATE*

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
M	H101	Hazardous Material Code Code relating to hazardous material code qualifier for regulated hazardous materials	M AN 4/10
	H102	Hazardous Material Class Code Code specifying the kind of hazard for a material	O AN 1/4
	H103	Hazardous Material Code Qualifier Code which qualifies the Hazardous Material Class Code (209) 4 46 Level DOT Code 6 Airline Tariff 6D 9 Title 49, Code of Federal Regulations (CFR) C Storage Compatibility Group D Hazardous Materials ID, DOT I Intergovernmental Maritime Organization (IMO) Code T International Air Transport Association Dangerous Goods Code List U United Nations X Hazard Class or Division	O ID 1/1
	H104	Hazardous Material Description Material name, special instructions, and phone number if any	O AN 2/30
	H105	Hazardous Material Contact Phone number and name of person or department to contact in case of emergency	O AN 1/24
	H106	Hazardous Materials Page The United Nations page number as required for the international transport of hazardous materials	O AN 1/6
	H107	Flashpoint Temperature The flashpoint temperature for hazardous material	X N 1/3
	H108	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>The unit or basis for measurement code is used to qualify the contents of various data elements. It will vary depending on the data element it qualifies and the convention within industry groups.</i> KC Kilograms per Cubic Meter KG Kilogram KK 100 Kilograms KS 1000 Pounds per Square Inch LA Pounds Per Cubic Inch LB Pound	X ID 2/2

Segment: **G54** Module Description
Position: 150
Loop: 0310 Mandatory
Level: Detail
Usage: Optional
Max Use: 99
Purpose: To describe the UPC Case Codes in a module
Syntax Notes: 1 At least one of G5403 or G5404 is required.
 2 If either G5404 or G5405 is present, then the other is required.
Semantic Notes:
Comments: 1 G5402 qualifies G5401.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	G5401	380	Quantity Numeric value of quantity <i>Quantity of case in module.</i>	M R 1/15
M	G5402	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>The unit or basis for measurement code is used to qualify the contents of various data elements. It will vary depending on the data element it qualifies and the convention within industry groups.</i>	M ID 2/2
	G5403	438	CA Case U.P.C. Case Code 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) <i>The U.P.C. Case Code is made up of the U.P.C. Shipping Container Code without the assortment indicator and the check digit. For WINS, the U.P.C. number may not define the product to be shipped with enough uniqueness to satisfy packing, or lot variation. In such cases, Data Elements 235 (Product/Service ID Qualifier) and 234 (Product/Service ID) should be used.</i>	X AN 12/12
	G5406	369	Free-form Description Free-form descriptive text	O AN 1/45

Segment: **N9 Reference Identification**
Position: 151
Loop: 0310 Mandatory
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:

- 1 At least one of N902 or N903 is required.
- 2 If N906 is present, then N905 is required.
- 3 If either C04003 or C04004 is present, then the other is required.
- 4 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 N906 reflects the time zone which the time reflects.
- 2 N907 contains data relating to the value cited in N902.

Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	N901 128	Reference Identification Qualifier Code qualifying the Reference Identification <i>For WINS, Data Elements 145 (Shipment Identification Number), 285 (Depositor Order Number), 324 (Purchase Order Number), and 531 (Agent Shipment ID Number) are specific data elements and should be sent in the appropriate segments where they appear and not in the Reference Number Segment (N9).</i> <i>Used for cross reference to other invoices to be associated with the invoice defined in G0102</i> <i>Used for cross reference to other purchase orders to be associated with the purchase order defined in G5003</i> <i>Used to identify a manufacturing batch (includes lot and/or production code)</i> <i>Used to list the purchase orders (other than the purchase order in G0104) to be considered with the invoice being transmitted</i> <i>A number assigned by the receiving company to uniquely identify a particular invoice, typically for direct store delivery</i> <i>Used to provide a means for brokers to transmit a vendor assigned terms code on a purchase order using the N9 segment</i> <i>A number assigned by the receiving company to uniquely identify a vendor, typically for direct store delivery</i> <i>For Warehouse Transaction Set usage only</i>	M ID 2/3
	N902 127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>For WINS, reference numbers pertaining to the entire order as a whole should be put in the header level of the transaction set. Reference numbers pertaining to individual line items should appear in the detail level of the transaction set.</i>	X AN 1/30

Segment: **G55** Item Characteristics - Consumer Unit
Position: 165
Loop: 0312 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To provide physical characteristics relative to a consumer unit
Syntax Notes:

- 1 If either G5503 or G5504 is present, then the other is required.
- 2 If either G5505 or G5506 is present, then the other is required.
- 3 If either G5507 or G5508 is present, then the other is required.
- 4 If either G5509 or G5510 is present, then the other is required.
- 5 If either G5511 or G5512 is present, then the other is required.
- 6 If either G5514 or G5515 is present, then the other is required.
- 7 If any of G5523 G5524 or G5525 is present, then all are required.
- 8 If any of G5526 G5527 or G5528 is present, then all are required.
- 9 If either G5529 or G5530 is present, then the other is required.

Semantic Notes:

- 1 G5521 indicates if the product is prepriced. Code "Y" indicates the product is prepriced. Code "N" indicates the product is not prepriced.

Comments:

- 1 G5516 is limited to 16 characters.

Notes:

This segment is required when G5301 contains code 003, or when G5301 contains code 002 and the U.P.C. Consumer Package Code(s) are also to be deleted.

When changing a U.P.C. Consumer Package Code, the new code is identified in G5501/G5502, and the replaced U.P.C. Consumer Package code is indicated in G5529/G5530.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	G5501	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	M ID 2/2
		EN	European Article Number (EAN) (2-5-5-1) <i>13-digit code used by countries, other than the United States and Canada, to identify each consumer unit</i> Code is formatted as: *2 digit country flag *5 digit company identification number (assigned by European coding authorities) *5 digit article identification number (assigned by company) *1 digit check digit	
		IB	International Standard Book Number (ISBN)	
		UI	U.P.C. Consumer Package Code (1-5-5) <i>The 11-digit Universal Product Code which uniquely identifies each customer unit</i> Code is formatted as: *1 digit number system character (U.S. Grocery and General Merchandise = 0, 6 or 7; U.S. Drug = 3) *5 digit manufacturer	

				<p><i>identification number</i> <i>*5 digit item number</i></p> <p><i>Multipacks should use code UB.</i></p> <p>UP U.P.C. Consumer Package Code (1-5-5-1) <i>A 12-digit Universal Product Code which uniquely identifies each consumer unit</i></p> <p><i>Code is formatted as:</i> <i>*1 digit number system character (U.S.</i> <i>Grocery and General Merchandise = 0, 6</i> <i>or 7; U.S. Drug = 3)</i> <i>*5 digit manufacturer identification number</i> <i>*5 digit item number</i> <i>*1 digit check digit</i></p>	
M	G5502	234	Product/Service ID	M	AN 1/48
			Identifying number for a product or service		
	G5503	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			IB International Standard Book Number (ISBN)		
			UP U.P.C. Consumer Package Code (1-5-5-1) <i>A 12-digit Universal Product Code which uniquely identifies each consumer unit</i>		
			<i>Code is formatted as:</i> <i>*1 digit number system character (U.S.</i> <i>Grocery and General Merchandise = 0, 6</i> <i>or 7; U.S. Drug = 3)</i> <i>*5 digit manufacturer identification number</i> <i>*5 digit item number</i> <i>*1 digit check digit</i>		
			VA Vendor's Style Number		
			VC Vendor's (Seller's) Catalog Number		
	G5504	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
	G5505	65	Height	X	R 1/8
			Vertical dimension of an object measured when the object is in the upright position		
	G5506	355	Unit or Basis for Measurement Code	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			<i>G5506, G5508, and G5510 must be in the same unit of measure.</i>		
			IN Inch		
	G5507	189	Width	X	R 1/8
			Shorter measurement of the two horizontal dimensions measured with the object in the upright position		
	G5508	355	Unit or Basis for Measurement Code	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			<i>The unit or basis for measurement code is used to qualify</i>		

			<i>the contents of various data elements. It will vary depending on the data element it qualifies and the convention within industry groups.</i>	
		IN	Inch	
G5509	82	Length		X R 1/8
			Largest horizontal dimension of an object measured when the object is in the upright position	
G5510	355	Unit or Basis for Measurement Code		X ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			<i>The unit or basis for measurement code is used to qualify the contents of various data elements. It will vary depending on the data element it qualifies and the convention within industry groups.</i>	
		IN	Inch	
G5511	183	Volume		X R 1/8
			Value of volumetric measure	
G5512	355	Unit or Basis for Measurement Code		X ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			<i>The unit or basis for measurement code is used to qualify the contents of various data elements. It will vary depending on the data element it qualifies and the convention within industry groups.</i>	
		CF	Cubic Feet	
		CI	Cubic Inches	
G5513	356	Pack		O N0 1/6
			The number of inner containers, or number of eaches if there are no inner containers, per outer container	
G5514	357	Size		X R 1/8
			Size of supplier units in pack	
			<i>For WINS, this data element expresses the size of the packages within a case.</i>	
G5515	355	Unit or Basis for Measurement Code		X ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			<i>The unit or basis for measurement code is used to qualify the contents of various data elements. It will vary depending on the data element it qualifies and the convention within industry groups.</i>	
G5516	878	Cash Register Item Description		O AN 1/20
			The cash register description of an item	
G5518	879	Coupon Family Code		O AN 3/3
			A code assigned by the vendor to a single item or to families of consumer items that can be used by in-store scanners in conjunction with a UPC coupon value code for instant credit when the proper item has been purchased	
G5519	880	Dated Product Number of Days		O N0 1/4
			Used to designate the number of days open dated product must 'sell by' from date of manufacture	
G5522	397	Color		O AN 1/10
			Free-form description of color	
G5523	395	Unit Weight		X R 1/8
			Numeric value of weight per unit	
			<i>For WINS, actual weight of a package (unit) in the case, including package. This is commonly referred to as tare weight.</i>	
G5524	187	Weight Qualifier		X ID 1/2
			Code defining the type of weight	
		G	Gross Weight	
		N	Actual Net Weight	
G5525	188	Weight Unit Code		X ID 1/1
			Code specifying the weight unit	
		L	Pounds	

Army and Air Force Exchange Service

		O	Ounces		
G5529	235	Product/Service ID Qualifier		X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		OC	Old U.P.C./EAN Consumer Package Code		
G5530	234	Product/Service ID		X	AN 1/48
		Identifying number for a product or service			
		<i>The value in G5530 should have the same U.P.C. format as the value in G5501.</i>			

Segment: **G69** Line Item Detail - Description
Position: 170
Loop: 0312 Optional
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To describe an item in free-form format
Syntax Notes:
Semantic Notes:
Comments:
Notes: *This segment is required when G5301 contains code 003.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	<u>Des.</u> G6901	<u>Element</u> 369	<u>Free-form Description</u> Free-form descriptive text	M AN 1/45

Segment: **SE** Transaction Set Trailer
Position: 200
Loop:
Level: Detail
Usage: Mandatory
Max Use: 1
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)

Syntax Notes:

Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments <i>When used in the SE segment, the count includes the total number of segments in the transaction including the ST and SE segments.</i>	M N0 1/10
M	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>The transaction set control number (SE02) is the same as that used in the corresponding header (ST02).</i>	M AN 4/9