



EDI Specifications

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EDI Implementation Information

VAN

We use GE's GEISCO network as our VAN. Our partnerships are approved through the GEIS website at <http://support.gxsolc.com/signOn.html>. You are responsible for setting up the partnership and we will approve it.

To set up a trading partnership:

- Call 800-334-2255, extension 6707.
 - User ID: ACK94202.
 - Qualifier: 12
 - Sender Address: 4043517987

GEIS

Qualifier ID Type: 12

Qualifier ID: 4043517987

Daily Schedule

EDI orders transmit each business day between 4:00 p.m. and 5:00 p.m.

EDI Transactions Supported

Documents We Send

- 850 – Purchase Orders
- 997 – Functional Acknowledgement

Documents We Receive

- 856 – Advance Shipping Notice
- 997 – Functional Acknowledgement

Product Identification

We use in-house UPC codes on our EDI orders. You must translate between our in-house UPC's and your vendor style number (VA). We will provide you with all the information you need to complete the translation. Once the partnership is completed, we will send all orders via EDI.

Backorders NOT Permitted

Backorders are not permitted on EDI purchase orders.

Continued on next page

**EDI Implementation Information, continued****Substitutions NOT Permitted**

Substitutions are not permitted.

New Vendors

We require all new vendors to fill out the Trading Partner Data Sheet and send it to our EDI Administrator. See *K&G Electronic Data Interchange (EDI) Trading Partner Data Sheet* on page 5 for the form.

Software

Vendors who do not want to invest in EDI software should contact our EDI Administrator. We can refer you to several third party vendors who can assist you.



K&G Electronic Data Interchange (EDI) Trading Partner Data Sheet

Please assist us in establishing our trading-partnership with you by furnishing us with the information below. Fax or email this completed Data Sheet to Jennie Geary at:

- ◆ FAX (713) 592-7297
- ◆ Email address jmgeary@tmw.com

Trading Partner Information	
Company Name	
Mailing Address	
Main Telephone Number	

Please furnish the name of one or two individuals *at your company* whom we can contact with questions or problems.

Contact Information	Contact 1	Contact 2
Name of Contact		
Contact's Position (EDI, Sales, MIS, etc.)		
Contact's Phone No. and Extension		
Contact's Fax Number		
Email Address		

Third Party EDI Support Information	
To be completed if your EDI support is provided by a contractor or other outside service.	
Third Party Company Name	
Mailing Address	

Please furnish the name of one or two individuals *at the third party* whom we can contact with questions or problems.

Contact Information	Contact 1	Contact 2
Name of Contact		
Contact's Phone No. and Extension		
Contact's Fax Number		
Email Address		

If we have not sent you the details of our EDI requirements, should we send the specifications to the Vendor or Third Party?

EDI Interchange Information	
VAN (Value Added Network) GEIS or Advantis, etc., or "Direct"	
Vendor Interchange ID Type (DUNS=01, Phone=12, etc.)	
Vendor's Interchange ID	
If VAN is other than GEIS, can interconnect be arranged?	

EDI Transaction Set and Version Information				
We require 850 (Purchase Order) 856 (Advance Shipping Notice) and 997 (Functional Acknowledgment). We will transmit and expect to receive ASC X.12 Ver. 004 Rel. 010VICS .				
Transaction Set	Standard	Version	Release	Industry
850 Purchase Order to vendor				
856 Advance Shipping Notice (ASN) from vendor				
997 Functional Acknowledgment to vendor				
997 Functional Acknowledgment from vendor				



850 Purchase Order

Introduction

This section describes mapping Information for:
Standard EDI Purchase Order (850)
ANSI X.12 Version 4010 VICS

VAN

GEIS

Qualifier ID Type: 12
Qualifier ID: 4043517987

Transaction Set Formats

The format depends on whether the order is for one store or multiple stores. See the mappings and examples below.

Continued on next page



850 Purchase Order, continued

Format – 850 for One Store

INTERCHANGE HEADER
 *GE
 HEADER LEVEL
 BEG Beginning Segment for Purchase Order
 REF Reference Number – Vendor Number
 PER Administrative Communication Contact
 ITD Payment and Discount Terms
 DTM Date/Time Reference (Cancel after date)
 DTM Date/Time Reference (Ship not before date)
 DTM Date/Time Reference (Ship no later)
 N9 Reference Identification
 MSG Text Message
 N1 Name (Buyer)
 N3 Address Information (Buyer)
 N1 Name (Ship to)
 N3 Address (Ship to address)
 DETAIL LEVEL
 PO1 Purchase Order Baseline Item Data
 SUMMARY LEVEL
 CTT Transaction Totals

Format – 850 for Multiple Stores

INTERCHANGE HEADER
 *GE
 HEADER LEVEL
 BEG Beginning Segment for Purchase Order
 REF Reference Number – Vendor Number
 PER Administrative Communication Contact
 ITD Payment and Discount Terms
 DTM Date/Time Reference (Cancel after date)
 DTM Date/Time Reference (Ship not before date)
 DTM Date/Time Reference (Ship no later)
 N9 Reference Identification
 MSG Text Message
 DETAIL LEVEL
 PO1 Purchase Order Baseline Item Data
 SDQ Destination Quantity
 SUMMARY LEVEL
 CTT Transaction Totals

Continued on next page

850 Purchase Order, continued

*GE – Interchange Header

If the “*GE” segment has a length of 512 bytes (not including the CR/LF, which are in positions 513 and 514), GE’s software assumes that all segments contain a fixed record length of 512 bytes. To use variable lengths for different segments the “*GE” segment must have a length of 396 (with the CR/LF in position 397 and 398).

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
		Segment ID	M		1,3	*GE
		Transaction Set Type for P/O	M		4,9	850 – Purchase Order
		*GE Version	M		10,11	03
		Interchange Envelop Type	M		12,14	ISA
		Standard Identifier/Interchange Version ID	M		15,23	
			M		24,24	Blank – not used
		Component Data Element Separator	M		25,25	>
			M		26,28	Blank – not used
		Sender (User) ID	M		29,43	
		Sender ID Qualifier	M		64,67	
		Receiver ID Qualifier	M		68,82	
		Recipient ID Qualifier	M		103,106	
		Recipient Reference/Password Qualifier	M		145,146	00
		Interchange Control Number	M		161,164	00 0
		‘T’est vs ‘P’roduction Data	M		200,200	T or P
		Application Sender ID	M		201,235	
		Application Receiver ID	M		240,274	
		Functional Group Controlling Agency Version	M		303,316	
		Transaction Set Control Number	M		331,344	1

Continued on next page

850 Purchase Order, continued

BEG – Beginning Segment for Purchase Orders

The Beginning Segment for Purchase Orders indicates the beginning of a purchase order transaction set and transmits identifying numbers and date.

Ref	Elem ID	Element Name	Req	Type	Elem Position /Length	Comments
BEG			M	ID	1,3	BEG
BEG01	353	Transaction Set Purchase Code	M	ID	4,5	00 – Original 07 – Release Order
BEG02	92	Purchase Order Type Code	M	ID	6,7	SA – Standard Alone
BEG03	324	Purchase Order Number	M	AN	8,29	Purchase order number Left justified
BEG04			M		30,59	Blank – not used
BEG05	373	Purchase Order Date	M	DT	60,67	Date of P.O. CCYYMMDD) Left justified
BEG06			M		68,97	Blank – not used
BEG07			M		98,99	Blank – not used
BEG08			M		100,102	Blank – not used
BEG09			M		103,104	Blank – not used
BEG10			M		105,106	Blank – not used
BEG11			M		107,108	Blank – not used
BEG12			M		109,110	Blank – not used

Continued on next page

850 Purchase Order, continued

REF – Reference Identification

Reference Identification specifies vendor number information.

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
REF			M		1,3	REF
REF01	128	Reference Identification Qualifier	M	ID	4,6	IA – Vendor number – always send DP – Department (not used at this time)
REF02	127	Reference Identification	M	N	7,36	IA – Vendor number 'Left justified DP – Department Left justified (not used at this time)
REF03			M		37,116	Blank – not used
REF04			N		117,214	Blank – not used

Continued on next page

850 Purchase Order, continued

PER – Administrative Communication Contact

The Administrative Communication Contact identifies a person to whom communications should be directed.

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
PER					1,3	PER
PER01	366	Contact Code	M	ID	4,5	BD – Buyer ID
PER02	96	Buyer's Name	M	AN	6,65	Buyers name
PER03			M		66,67	Blank – not used
PER04			M		68,147	Blank – not used
PER05			M		148,149	Blank – not used
PER06			M		150,229	Blank – not used
PER07			M		230,231	Blank – not used
PER08			M		232,311	Blank – not used
PER09			M		312,331	Blank – not used

Continued on next page

850 Purchase Order, continued

ITD – Terms of Sale/Deferred Terms

Terms of Sale/Deferred Terms specifies terms of sale.

This segment may not always be included.

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
ITD			M		1,3	ITD
ITD01			M		4,5	Blank – not used
ITD02			M		6,7	Blank – not used
ITD03	338	Terms Discount Percent	M	ID	8,15	Discount percent
ITD04			M		16,23	Blank – not used
ITD05	351	Terms Discount Days Due	M	N	24,27	Number of days from 2 nd delivery date Right justified
ITD06-15			M		28,173	Blank – not used

DTM – Date/Time Reference

This instance of the Date/Time Reference specifies the Cancel After date.

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
DTM			M		1,3	DTM
DTM01	374	Date/Time Qualifier	M	ID	4,6	001 – Cancel after date
DTM02	373	Date	M	DT	7,14	Date (CCYYMMDD)
DTM03			M		15,22	Blank – not used
DTM04			M		23,24	Blank – not used
DTM05			M		25,27	Blank – not used
DTM06			M		28,62	Blank – not used

Continued on next page

850 Purchase Order, continued

DTM – Date/Time Reference

This instance of the Date/Time Reference specifies the Ship Not Before date.

This segment may not always be included.

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
DTM			M		1,3	DTM
DTM01	374	Date/Time Qualifier	M	ID	4,6	037 – Ship not before date
DTM02	373	Date	M	DT	7,14	Date (CCYYMMDD)
DTM03			M		15,22	Blank – not used
DTM04			M		23,24	Blank – not used
DTM05			M		25,27	Blank – not used
DTM06			M		28,62	Blank – not used

DTM – Date/Time Reference

This instance of the Date/Time Reference specifies the Ship No Later date.

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
DTM			M		1,3	DTM
DTM01	374	Date/Time Qualifier	M	ID	4,6	038 – Ship no later
DTM02	373	Date	M	DT	7,14	Date (CCYYMMDD)
DTM03			M		15,22	Blank – not used
DTM04			M		23,24	Blank – not used
DTM05			M		25,27	Blank – not used
DTM06			M		28,62	Blank – not used

Continued on next page

850 Purchase Order, continued

N9 – Reference Identification Qualifier

The Reference Identification Qualifier transmits identifying information. This segment may not always be included.

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
N9			M		1,3	N9 – Left justified
N901	128	Reference Identification Qualifier	M	AN	4,6	AH – Agreement Right justified
N902	127	Sequential reference number	X	N	7,36	Agreement number Left justified

MSG – Message Text

Message Text provides a free-form format for transmitting text information. This segment may not always be included.

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
MSG			M		1,3	MSG
MSG01	933	PO Message	M	AN	4,267	Free form message
MSG02			M		268,269	Blank – not used
MSH03			M		270,279	Blank – not used

Continued on next page

850 Purchase Order, continued

N1 – Name (Buyer)

Name (Buyer) identifies a buying party by type of organization, name and code. Do not use N1 segments when ordering for multiple stores.

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
N1			M		1,3	N1 – Left justified
N101	98	Entity Identifier Code	M	ID	4,6	BY- Buying Partner
N102	93	Name	O	AN	7,66	Store name
N103	66	Identification Code Qualifier	M	ID	67,68	01 – Duns # 09 – Duns # + Store # 92 – Store #
N104	67	Identification Code	M	AN	69,148	01 – Duns # 09 – Duns # + Store # 92 – Store # Left justified
N105			M		149,150	Blank – not used
N106			M		151,153	Blank – not used

N3 – Address Information (Buyer)

Address Information (Buyer) specifies the location of the named buying party.

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
N3			M		1,3	N3 Left justified
N301	166	Address Information	M	AN	4,58	Store address Street, city, state and zip
N302			M		59,113	Blank – not used

Continued on next page

850 Purchase Order, continued

N1 – Name (Ship To)

N1 segments are only used when ordering for one store. Do not use N1 segments when ordering for multiple stores.

Name (Ship To) identifies a party by type of organization, name and code.

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
N1			M		1,3	N1 – Left justified
N101	98	Entity Identifier Code	M	ID	4,6	ST – Ship To
N102	93	Name	O	AN	7,66	Store name
N103	66	Identification Code Qualifier	M	ID	67,68	01 – Duns # 09 – Duns # + Store # 92 – Store #
N104	67	Identification Code	M	AN	69,148	01 – Duns # 09 – Duns # + Store # 92 – Store # Left justified
N105			M		149,150	Blank – not used
N106			M		151,153	Blank – not used

N3 – Address Information (Ship To)

Address Information (Ship To) specifies the location of the ship to party.

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
N3			M		1,3	N3 Left justified
N301	166	Address Information	M	AN	4,58	Store address Street, city, state and zip
N302			M		59,113	Blank – not used

Continued on next page

850 Purchase Order, continued

PO1 – Baseline Item Data

Baseline Item Data specifies the basic and most frequently used line item data.

Ref	Elem ID	Element Name	Req	Type	Elem Position /Length	Comments
P01			M		1,3	P01
PO101	350	Assigned Identification	M	AN	4,23	PO Line # Left justified
PO102	330	Quantity Ordered	M	R	24,40	Number of units ordered Right justified
PO103	355	Unit or Basis for Measurement Code	M	ID	41,42	EA - Each
PO104	212	Unit Cost	M	R	43,61	Cost per unit of product Right justified
PO105	639	Basis of Unit Price Code	M	ID	62,63	QT – Quoted Price
PO106	235	Product ID Qualifier	M	ID	64,65	UP - K&G's UPC code
PO107	234	Product ID	M	AN	66,113	K&G's UPC Code
P0108	235	Product ID Qualifier	M	ID	114,115	VA – Vendor's style ID
P0109	234	Product ID	M	AN	116,163	Vendor's style number

Continued on next page

850 Purchase Order, continued

SDQ – Destination Quantity

SDQ segments are only used when ordering for multiple stores. Do not use SDQ segments when ordering for only one store.

SDQ segments specify destination and quantity detail. Every SDQ segment can contain at most 10 stores

Ref	Elem ID	Element Name	Req	Type	Elem Position/ Length	Comments
SDQ			M		1,3	SDQ
SDQ01	355	Unit Code	M	ID	4,5	EA-each
SDQ02	66	Identification Code Qualifier	M	ID	6,7	92 – Assigned by Buyer
SDQ03	67	Identification Code	M	AN	8,87	Store number Left justified
SDQ04	380	Quantity	M	R	88,104	Quantity to be Shipped/Packed for the store Right justified
SDQ05-SDQ22	67/380	Identification Codes and Quantity			105,977	Similar as SDQ03 and SDQ04
SDQ23					978,1007	Not used

Continued on next page

850 Purchase Order, continued

CTT – Transaction Totals

Transaction Totals transmits the total for a specific element in the transaction set

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
CTT			M		1,3	CTT
CTT01	354	Number of Line Items	M	N	4,10	Total number of P01 segments Right justified
CTT02			M		11,22	Blank – not used
CTT03			M		23,34	Blank – not used
CTT04			M		35,36	Blank – not used
CTT05			M		37,46	Blank – not used
CTT06			M		47,48	Blank – not used
CTT07			M		49,128	Blank – not used

856 ASN

Introduction

This section describes mapping Information for:
 Standard EDI Advance Ship Notice (856)
 ANSI X.12 Version 4010 VICS
 Rev. December 2004

VAN

GEIS

Qualifier ID Type: 12
 Qualifier ID: 4043517987

Format – 856

```

INTERCHANGE HEADER
  *GE
  HEADER LEVEL
    BEG Beginning Segment for Purchase Order

INTERCHANGE HEADER
  *GE
  HEADER LEVEL
    BSN Beginning Segment for Ship Notice
  SHIPMENT LEVEL
    HL Hierarchical Level (Shipment)
    TD1 Carrier Details (Quantity and Weight)
    TD5 Carrier Details (Routing Sequence/Transit Time)
    REF Reference Numbers (Bill of Lading)
    REF Reference Numbers (Carrier Reference)
    DTM Date/Time Reference
    DTM Date/Time Reference
    N1 Name (Ship To)
  ORDER LEVEL
    HL Hierarchical Level (Order)
    PRF Purchase Order Reference
    TD1 Carrier Details (Quantity and Weight)
    REF Reference Numbers (Invoice)
    N1 Name (Buying Party)
  PACK LEVEL
    HL Hierarchical Level (Pack)
    MAN Marks and Numbers
  ITEM LEVEL
    HL Hierarchical Level (Item)
    LIN Item Identification
    SN1 Item Detail (Shipment)
  SUMMARY AREA
    CTT Transaction Totals
  
```

Continued on next page

856 ASN, continued

*GE – Interchange Header

If the “*GE” segment has a length of 512 bytes (not including the CR/LF, which are in positions 513 and 514), GE’s software assumes that all segments contain a fixed record length of 512 bytes. To use variable lengths for different segments the “*GE” segment must have a length of 396 (with the CR/LF in position 397 and 398).

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
		Segment ID	M		1,3	*GE
		Transaction Set Type for P/O	M		4,9	856 – Advanced Ship Notice
		*GE Version	M		10,11	03
		Interchange Envelop Type	M		12,14	ISA
		Standard Identifier/Interchange Version ID	M		15,23	
			M		24,24	Blank – not used
		Component Data Element Separator	M		25,25	>
			M		26,28	Blank – not used
		Sender (User) ID	M		29,43	
		Sender ID Qualifier	M		64,67	
		Receiver ID Qualifier	M		68,82	
		Recipient ID Qualifier	M		103,106	
		Recipient Reference/Password Qualifier	M		145,146	00
		Interchange Control Number	M		161,164	00 0
		‘T’est vs ‘P’roduction Data	M		200,200	T or P
		Application Sender ID	M		201,235	
		Application Receiver ID	M		240,274	
		Functional Group Controlling Agency Version	M		303,316	
		Transaction Set Control Number	M		331,344	1

Continued on next page

856 ASN, continued
BSN – Beginning Segment for Advance Ship Notice

Beginning Segment for Advance Ship Notice indicates the beginning of an advance ship notice transaction set and transmits identifying numbers and date.

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
BSN			M		1,3	BSN
BSN01	353	Transaction Set Code	M	ID	4,5	00 – Original 07 - Duplicate
BSN02	396	Shipment Identification	M	AN	6,35	Unique control number assigned by vendor, Left justified
BSN03	373	ASN Date	M	DT	36,43	CCYYMMDD
BSN04	337	Time	M	TM	44,51	HHMM or HHMMSS
BSN05	1005	Hierarchical Structure Code	M	AN	52,55	0001 – Pick and Pack
BSN06			M		56,57	Blank – not used
BSN07			M		58,60	Blank – not used

Continued on next page

856 ASN, continued
HL – Hierarchical Level (Shipment)

Hierarchical Level (shipment) identifies dependencies among and the content of hierarchically related groups of data segments.

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
HL			M		1,3	'HL '
HL01	628	Hierarchical ID Number	M	AN	4,15	Unique number assigned by vendor to identify a particular portion in a hierarchical structure. At the shipment level in an ASN this will start with "1". Left justified
HL02			M		16,27	Blank – not used
HL03	735	Hierarchical Level Code	M	ID	28,29	S – Shipment Left justified
HL04			M		30,30	Blank – not used

Continued on next page

856 ASN, continued
TD1 – Carrier Details (Quantity and Weight)

Carrier Details (Quantity and Weight) specifies the transportation details relative to commodity, weight and quantity. (All other codes will be tracked as 'Other').

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
TD1			M	AN	1,3	TD1
TD101	103	Packaging Code	M	AN	4,8	BAG – Bag CTN – Carton PLT – Pallet Left justified
TD102	80	Lading Quantity	M	N	9,16	Number of units in the bill of lading Right justified (#####.99)
TD103			M		17,17	Blank – not used
TD104			M		18,47	Blank – not used
TD105			M		48,97	Blank – not used
TD106	187	Weight Qualifier	M	ID	98,99	G – Gross Weight Left justified
TD107	81	Weight	M	N	100,111	Numeric value of weight Right justified (#####.99)
TD108	355	Unit of Measurement	M	ID	112,113	LB – Pounds 50 – Actual kilograms
TD109			M		114,123	Blank – not used
TD110			M		124,125	Blank – not used

Continued on next page

856 ASN, continued
TD5 – Carrier Details (Routing Sequence)

Carrier Details (Routing Sequence/Transit Time) specifies the carrier and sequence of routing and provide transit time information.

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
TD5			M		1,3	TD5
TD501			M		4,5	Blanks – not used
TD502	66	Identification Code Qualifier	M	ID	6,7	2 – SCAC (Standard Carrier Alpha Code) 91 Assigned by seller 92 Assigned by buyer
TD503	67	Identification Code	M	AN	8,87	Carrier code Left justified
TD504			M		88,89	Blank – not used
TD505			M		90,124	Blank – not used
TD506			M		125,126	Blank – not used
TD507			M		127,128	Blank – not used
TD508			M		129,158	Blank – not used
TD509			M		159,160	Blank – not used
TD510			M		161,162	Blank – not used
TD511			M		163,168	Blank – not used
TD512			M		169,170	Blank – not used
TD513			M		171,172	Blank – not used
TD514			M		173,174	Blank – not used
TD515			M		175,177	Blank – not used

Continued on next page

856 ASN, continued

REF – Reference Identification

Reference Identification specifies Bill of Lading or Carrier Reference information.

Note: Either 'BM' or 'CN' or both REF segments can be received.

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
REF			M		1,3	REF
REF01	128	Reference Identification Qualifier	M	ID	4,6	BM – Bill of Lading CN– Carrier Reference
REF02	127	Reference Identification	M	AN	7,36	Bill of Lading number Carrier Reference number Left justified
REF03			M		37,116	Blank – not used
REF04			M		117,215	Blank – not used

DTM – Date/Time Reference (Shipped)

Date/Time Reference specifies pertinent dates.

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
DTM			M		1,3	DTM
DTM01	374	Date/Time Qualifier	M	ID	4,6	011 – Shipped Date 067 – Current Schedule Delivery 068 – Current Schedule Ship
DTM02	373	Date	M	DT	7,14	Date (CCYYMMDD)
DTM03			M		15,22	Blank – not used
DTM04			M		23,24	Blank – not used
DTM05			M		25,27	Blank – not used
DTM06			M		28,62	Blank – not used

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856 ASN, continued

N1 – Name (Ship To)

Name identifies a party by type of organization, name and code.

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
N1			M		1,3	N1 Left justified
N101	98	Entity Identifier Code	M	ID	4,6	ST – Ship To Left justified
N102			M		7,66	Blank – not used
N103	66	Identification Code Qualifier	M	ID	67,68	92 - Assigned by Buyer
N104	67	Identification Code	M	AN	69,148	Store number, Left justified
N105			M		149,150	Blank – not used
N106			M		151,153	Blank – not used

HL – Hierarchical Level (Order)

Hierarchical Level (Order) identifies dependencies among and the content of hierarchically related groups of data segments.

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
HL			M		1,3	HL Left justified
HL01	628	Hierarchical ID Number	M	AN	4,15	Unique number assigned by vendor to identify a particular data segment in a hierarchical structure. Left justified.
HL02			M		16,27	Blank – not used
HL03	735	Hierarchical Level Code	M		28,29	O – Order Left justified
HL04			M		30,30	Blank – not used

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856 ASN, continued

PRF – Purchase Order Reference

Purchase Order Reference provides a reference to a specific purchase order.

Ref	Elem ID	Element Name	Req	Type	Elem Position/ Length	Comments
PRF			M		1/3	PRF
PRF01	324	Purchase Order Number	M	AN	4,25	Purchase Order Number Left justified
PRF02			M		26,55	Blank – not used
PRF03			M		56,63	Blank – not used
PRF04	373	Date	M	DT	64,71	Purchase Order Date (CCYYMMDD)
PRF05			M		72,91	Blank – not used
PRF06			M		92,121	Blank – not used
PRF07			M		122,123	Blank – not used

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856 ASN, continued
TD1 – Carrier Details (Quantity and Weight)

Carrier Details (Quantity and Weight) specifies the transportation details relative to commodity, weight and quantity.

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
TD1			M		1,3	TD1
TD101	103	Packaging Code	M	AN	4,8	BAG – Bag CTN – Carton PLT – Pallet Left justified
TD102	80	Lading Quantity	M	N	9,16	Number of units in the bill of lading Right justified
TD103			M		17,17	Blank – not used
TD104			M		18,47	Blank – not used
TD105			M		48,97	Blank – not used
TD106			M		98,99	Blank – not used
TD107			M		100,111	Blank – not used
TD108			M		112,113	Blank – not used
TD109			M		114,123	Blank – not used
TD110			M		124,125	Blank – not used

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856 ASN, continued

REF – Reference Identification

REF -- Reference Identification specifies invoice information.

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
REF			M		1,3	REF
REF01	128	Reference Number Qualifier	M	ID	4,6	'IV ' – Seller's Invoice No. Left justified
REF02	127	Reference Number	M	AN	7,36	Invoice Number Left justified
REF03			M		37,116	Blank – not used
REF04			M		117,215	Blank – not used

N1 – Name (Buyer)

Name identifies a party by type of organization, name and code.

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
N1			M		1,3	N1 Left justified
N101	98	Entity Identifier Code	M	ID	4,6	BY – Buyer Left justified
N102		Name	M	AN	7,66	Name
N103	66	ID Code Qualifier	M	ID	67,68	92 – Assigned by Buyer
N104	67	ID Code	M	AN	69,148	Store Number Left justified
N105			M		149,150	Blank – not used
N106			M		151,153	Blank – not used

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856 ASN, continued

HL – Hierarchical Level (Pack)

Hierarchical Level (Pack) identifies dependencies among and the content of hierarchically related groups of data segments.

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
HL			M		1,3	HL Left justified
HL01	628	Hierarchical ID Number	M	AN	4,15	Unique number assigned by vendor to identify a particular data segment in a hierarchical structure. Left Justified
HL02			M		16,27	Blank – not used
HL03	735	Hierarchical Level Code	M	ID	28,29	P – Pack Left justified
HL04			M		30,30	Blank – not used

MAN – Marks and Numbers

Marks and Numbers indicates identifying marks and numbers for shipping containers.

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
		MAN Segment	M		1,3	MAN
MAN01	88	Marks and Numbers Qualifier	M	AN	4,5	GM
MAN02	87	Marks and Numbers	M	ID	6,50	UCC-128 Serial Shipping Container Code; (20 digits) Left justified
MAN03			M		51,95	Blank – not used
MAN04			M		96,97	Blank – not used
MAN05			M		98,142	Blank – not used
MAN06			M		143,187	Blank – not used

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856 ASN, continued

HL – Hierarchical Level (Item)

Hierarchical Level (Item) identifies dependencies among and the content of hierarchically related groups of data segments.

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
HL			M		1,3	HL Left justified
HL01	628	Hierarchical ID Number	M	AN	4,15	Unique number assigned by vendor to identify a particular data segment in a hierarchical structure.
HL02			M		16,27	Blank – not used
HL03	735	Hierarchical Level Code	M	ID	28,29	I-Item Left justified
HL04			M		30,30	Blank – not used

LIN – Item Identification

Item Identification specifies the basic item identification data.

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
LIN			M		1,3	LIN
LIN01			M		4,23	Blank – not used
LIN02	235	Product ID Qualifier	M	ID	24/25	UP – K&G UPC Code VA – Vender Style
LIN03	234	Product ID	M	AN	26,73	K&G UPC Code Left justified VA – Vendor Style Left justified
LIN04/ LIN31		Similar as LIN segments LIN02 and LIN03 (if necessary)	O		74,773	

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856 ASN, continued

SN1 – Item Detail (Shipment)

Item Detail (Shipment) specifies line-item detail relative to shipment.

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
SN1			M		1,3	SN1
SN101			M		4,23	Blank – not used
SN102	382	Number of Units Shipped	M	N	24,35	Total number of pieces (eaches) shipped Right justified
SN103	355	Unit of Measure	M	ID	36,37	EA - Each
SN104			M		38,54	Blank – not used
SN105			M		55,71	Blank – not used
SN106			M		72,73	Blank – not used
SN107			M		74,75	Blank – not used
SN108			M		76,77	Blank – not used

CTT – Transaction Totals

Transaction Totals transmit a hash total for a specific element in the transaction set.

Ref	Elem ID	Element Name	Req	Type	Elem Position/Length	Comments
CTT			M		1,3	CTT
CTT01	354	Number of line items	M	N	4,10	Total number of HL segments in the transaction set Right justified
CTT02			M		11,22	Blank – not used
CTT03			M		23,34	Blank – not used
CTT04			M		35,36	Blank – not used
CTT05			M		37,46	Blank – not used
CTT06			M		47,48	Blank – not used
CTT07			M		49,128	Blank – not used