Kmart EDI Guidelines

856 Ship Notice/Manifest   v4010

INTRODUCTION

This document specifies Kmart's requirements for transmission of the 856 Ship Notice/Manifest transaction set.

The Kmart ship notice is structured hierarchically with multiple levels: shipment, order, tare (pallet), pack (carton), and item (SKU). One shipment level can be included per transaction set. One or more orders with the same ship to unit number in the same Bill of Lading may be reported in a shipment. One or more tares or packs may be reported for each order. Finally, one or more items may be reported for each pack or tare.

Tare and Pack levels cannot be used within the same Order level. They may be used in the same 856 Ship Notice, but only for different Order levels.

All shipments must be specified as pick-and-pack. Kmart cannot process the standard carton pack configuration.

For JIT and Store shipments, the GS1-128 label must be placed on each carton.

See the VIG (Vendor Information Guide for Sears conversion vendors) or VIM (Vendor Information Manual on www.myKmart.com) for detailed instructions for labelling and ahipping non-JIT Distribution Center (DC) shipments.

Additional information about non-EDI shipping requirements can be found in the Kmart Vendor Information Manual (VIM) available on myKmart.com.

Kmart EDI Guidelines

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Functional Group ID=SH

Heading:

Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat
ST	Transaction Set Header	M	1	
BSN	Beginning Segment for Ship Notice	M	1	

Detail – Shipment level:

Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat
	LOOP ID - HL			200000
HL	Hierarchical Level	M	1	
TD1	Carrier Details (Quantity and Weight)	O	20	
TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
REF	Reference Identification	O	>1	
PER	Administrative Communications Contact	O	1	
DTM	Date/Time Reference	O	10	
FOB	F.O.B. Related Instructions	O	1	
	LOOP ID - N1			200
N1	Name	O	1	

Detail – Order Level:

Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat
	LOOP ID - HL			200000
HL	Hierarchical Level	M	1	
PRF	Purchase Order Reference	O	1	
TD1	Carrier Details (Quantity and Weight)	O	20	
REF	Reference Identification	O	>1	

Detail – Tare Level:

Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat
	LOOP ID - HL			200000
HL	Hierarchical Level	M	1	
MAN	Marks and Numbers	O	>1	

Detail – Pack Level:

Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat
	LOOP ID - HL			200000
HL	Hierarchical Level	M	1	
PO4	Item Physical Details	O	1	
MAN	Marks and Numbers	O	>1	

Detail – Item Level:

Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat
	LOOP ID - HL			200000
HL	Hierarchical Level	M	1	
LIN	Item Identification	O	1	
SN1	Item Detail (Shipment)	O	1	
SLN	Subline Item Detail	O	1000	
PO4	Item Physical Details	O	1	
PID	Product/Item Description	O	200	
TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	

Summary:

Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat
CTT	Transaction Totals	O	1	
SE	Transaction Set Trailer	M	1	

Segment:	**ST** Transaction Set Header
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1

Data Element Summary

Ref. Des.	Data Element	Name	Kmart Attributes
ST01	143	**Transaction Set Identifier Code**	M ID 3/3
		856 Ship Notice/Manifest	
ST02	329	**Transaction Set Control Number**	M AN 4/9

Segment: **BSN** Beginning Segment for Ship Notice
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1

Data Element Summary

Ref. Des.	Data Element	Name	Kmart Attributes
BSN01	353	Transaction Set Purpose Code	M ID 2/2
	00	Original	
BSN02	396	Shipment Identification	M AN 2/30
BSN03	373	Date	M DT 8/8
BSN04	337	Time	M TM 4/8
BSN05	1005	Hierarchical Structure Code	O ID 4/4
	0001	Shipment, Order, Packaging, Item	
Not Used BSN06	640	Transaction Type Code	
Not Used BSN07	641	Status Reason Code	

Segment:	**HL** **Hierarchical Level**	
Loop:	HL	
Level:	Shipping	
Usage:	Mandatory	
Max Use:	1	
Notes:	1. This HL segment marks the beginning of the shipment loop. The shipment level is mandatory and may occur only once per transaction set.	

2. The value in HL01 will always be 1 for the first occurrence of the HL segment in the transaction set and will be incremented by 1 for each additional occurrence of the HL segment present within the transaction set. This value may contain leading zeroes.

3. The shipment level specifies the details relative to the entire physical shipment and associated Bill of Lading.

Data Element Summary

	Ref. Des.	Data Element	Name	Kmart Attributes
	HL01	**628**	**Hierarchical ID Number**	**M AN 1/12**
Not Used	**HL02**	**734**	**Hierarchical Parent ID Number**	
	HL03	**735**	**Hierarchical Level Code**	**M ID 1/2**
		S	Shipment	
Not Used	**HL04**	**736**	**Hierarchical Child Code**	

Segment:	**TD1** Carrier Details (Quantity and Weight)
Loop:	HL
Level:	Shipping
Usage:	Mandatory for Kmart
Max Use:	1
Notes:	1. The lading quantity reflects the total number of cartons or pallets in the shipment as consigned to the carrier. The gross weight reflects the total weight in pounds of the shipment as stated on the Bill of Lading and as consigned to the carrier.
	2. TD101 is a two part element.
	EXAMPLES
	TD1*CTN25*number of cartons***G*gross weight*LB
	TD1*PLT94*number of pallets***G*gross weight*LB

Data Element Summary

Ref. Des.	Data Element	Name		Kmart Attributes
TD101	103	**Packaging Code**		M AN 3/5
		CTN	Carton	
		PLT	Pallet	
		25	Corrugated or Solid Used with CTN	
		94	Wood Used with PLT	
TD102	80	**Lading Quantity**		M N0 1/7
		Total number of pallets or cartons shipped		
Not Used TD103	23	**Commodity Code Qualifier**		
Not Used TD104	22	**Commodity Code**		
Not Used TD105	79	**Lading Description**		
TD106	187	**Weight Qualifier**		M ID 1/1
		G	Gross Weight	
TD107	81	**Weight**		M R 1/10
TD108	355	**Unit or Basis for Measurement Code**		M ID 2/2
		KG	Kilogram	
		LB	Pound	
Not Used TD109	183	**Volume**		
Not Used TD110	355	**Unit or Basis for Measurement Code**		

Segment:	**TD5** Carrier Details (Routing Sequence/Transit Time)
Loop:	HL
Level:	Shipping
Usage:	Mandatory for Kmart
Max Use:	1
Notes:	1. This segment is required on all ship notices to specify the SCAC.
	2. TD504 and TD505 are required when using UPS or FEDX only.
	3. The Standard Carrier Alpha Code (SCAC) lists and codes transportation carriers operating in North America. Each carrier is assigned a unique 2 - 4 letter code for use as an abbreviation or to identify a particular carrier for transportation data processing purposes. The SCAC directory contains 2 sections. Section 1 is an alphabetical listing of carrier names. Section 2 is an alphabetical listing of carrier codes.
	A computer tape file, the Continental Directory NMF101 of Standard Carrier Alpha Codes and Standard Tariff Agent's Codes may be purchased from the American Trucking Association, 2200 Mill Road, Alexandria, VA 22314.

Data Element Summary

	Ref. Des.	Data Element	Name	Kmart Attributes	
Not Used	TD501	133	Routing Sequence Code		
	TD502	66	Identification Code Qualifier	C	ID 1/2
			2 Standard Carrier Alpha Code (SCAC)		
	TD503	67	Identification Code	C	AN 2/80
			SCAC code or pre-established from routing guide		
	TD504	91	Transportation Method/Type Code	C	ID 1/2
			U Private Parcel Service		
	TD505	387	Routing	C	AN 1/35
			UPS or FEDX		
Not Used	TD506	368	Shipment/Order Status Code		
Not Used	TD507	309	Location Qualifier		
Not Used	TD508	310	Location Identifier		
Not Used	TD509	731	Transit Direction Code		
Not Used	TD510	732	Transit Time Direction Qualifier		
Not Used	TD511	733	Transit Time		
Not Used	TD512	284	Service Level Code		
Not Used	TD513	284	Service Level Code		
Not Used	TD514	284	Service Level Code		
Not Used	TD515	26	Country Code		

Segment: **REF** Reference Identification
Loop: HL
Level: Shipping
Usage: Conditional for Kmart, review Notes
Max Use: 1
Notes:
1. Kmart requires the Bill of Lading number for all Truckload and LTL shipments.
2. The Bill of Lading is not required for small package carriers shipments (e.g. UPS, FEDX). The correct codes must be specified in the preceding TD5 segment. EXAMPLE: TD5****U*UPS
3. The Bill of Lading number must be unique for each trailer and destination.
4. The Bill of Lading number must be five to seventeen characters. It must be numeric and cannot include any alpha characters, spaces, hyphens, etc.

Data Element Summary

	Ref. Des.	Data Element	Name	Kmart Attributes
	REF01	128	Reference Identification Qualifier	M ID 2/3
			BM Bill of Lading Number	
	REF02	127	Reference Identification	C N 5/17
Not Used	REF03	352	Description	
Not Used	REF04	C040	Reference Identifier	
Not Used	C04001	128	Reference Identification Qualifier	
Not Used	C04002	127	Reference Identification	
Not Used	C04003	128	Reference Identification Qualifier	
Not Used	C04004	127	Reference Identification	
Not Used	C04005	128	Reference Identification Qualifier	
Not Used	C04006	127	Reference Identification	

Segment: **PER** Administrative Communications Contact
       Loop:
      Level: Heading
     Usage: Recommended for Kmart
  Max Use: 1
      Notes:

1. The information in this segment is used to contact the vendor about problems with their 856. The email address information is preferred, the telephone number is also helpful.

2. The contact information sent in this segment is not currently stored in any database. It may be used to help in locating a contact at the vendor, but this is not always available to all levels that address errors; e.g. the application.

3. The telephone number must contain numerics only; do not include dashes or parentheses.

Data Element Summary

Ref. Des.	Data Element	Name		Sears' Attributes
PER01	366	**Contact Function Code**		M ID 2/2
		IC	Information Contact	
PER02	93	**Name**		O AN 1/40
PER03	365	**Communication Number Qualifier**		C ID 2/2
		EM	Electronic Mail	
		TE	Telephone	
PER04	364	**Communication Number**		C AN 1/80
		1 - 80	Email address (PER Qualifier=EM)	
		10 - 15	Telephone number with area code and extension, if applicable (PER Qualifier=TE)	
PER05	365	**Communication Number Qualifier**		C ID 2/2
PER06	364	**Communication Number**		C AN 1/80
Not Used PER07	365	**Communication Number Qualifier**		
Not Used PER08	364	**Communication Number**		
Not Used PER09	443	**Contact Inquiry Reference**		

Segment:	**DTM** Date/Time Reference
Loop:	HL
Level:	Shipping
Usage:	Mandatory for Kmart
Max Use:	2
Notes:	1. When DTM01 contains 067, the date in DTM02 should contain the original delivery date (DTM*002) from the 850 purchase order or the revised delivery date (DTM*002)from the 860.

Data Element Summary

	Ref. Des.	Data Element	Name	Kmart Attributes	
	DTM01	374	Date/Time Qualifier	M	ID 3/3
			011 Shipped		
			067 Current Schedule Delivery		
	DTM02	373	Date	C	DT 8/8
Not Used	DTM03	337	Time		
Not Used	DTM04	623	Time Code		
Not Used	DTM05	1250	Date Time Period Format Qualifier		
Not Used	DTM06	1251	Date Time Period		

Segment: **FOB** F.O.B. Related Instructions
Loop: HL
Level: Shipping
Usage: Mandatory for Kmart
Max Use: 1

Data Element Summary

Ref. Des.	Data Element	Name	Kmart Attributes
FOB01	146	Shipment Method of Payment	M ID 2/2
		CC Collect	
		PP Prepaid (by Seller)	
Not Used FOB02	309	Location Qualifier	
Not Used FOB03	352	Description	
Not Used FOB04	334	Transportation Terms Qualifier Code	
Not Used FOB05	335	Transportation Terms Code	
Not Used FOB06	309	Location Qualifier	
Not Used FOB07	352	Description	
Not Used FOB08	54	Risk of Loss Code	
Not Used FOB09	352	Description	

Segment:	**N1** Name
Loop:	N1
Level:	Shipping
Usage:	Mandatory for Kmart
Max Use:	2
Notes:	1. The N1 segment at the shipment level identifies the shipper and the ship to location for the physical shipment - the same details as entered on the associated Bill of Lading.
	2. When N101 contains code SF, N102 should contain the Vendor Name.
	3. When N101 contains code SF, N104 must contain the 11 digit Pay (Remit) Vendor number. N103 must contain code '92'.
	4. When N101 contains code ST, the ship-to information sent in the N1 segment must be sent in one of two ways. Either it can be returned EXACTLY as it is sent on the 850 purchase order (9 qualifier in N103 and Duns plus four digit unit number in N104) or it can be sent with a 92 qualifier in N103 and the four digit unit number in N104. If the ship-to information is not sent in correctly, your ship notice will be rejected.

EXAMPLES –

008965873 is the Kmart Duns number (store) and 8936 is the ship to unit:
N1*ST**9*0089658738936
or
N1*ST**92*8936

000394726 is the Kmart Duns number (DC) and 3011 is the ship to unit:
N1*ST**9*0003947263011
or
N1*ST**92*3011

Data Element Summary

Ref. Des.	Data Element	Name		Kmart Attributes
N101	**98**	**Entity Identifier Code**		**M ID 2/3**
		SF	Ship From	
		ST	Ship To	
N102	**93**	**Name**		**C AN 1/60**
		When N101 contains code SF, N102 should contain the Vendor Name		
N103	**66**	**Identification Code Qualifier**		**M ID 1/2**
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		92	Assigned by Buyer or Buyer's Agent	
N104	**67**	**Identification Code**		**M AN 2/80**
		Review Notes for formatting instructions.		
Not Used	**N105**	**706**	**Entity Relationship Code**	
Not Used	**N106**	**98**	**Entity Identifier Code**	

Segment: **HL** Hierarchical Level
Loop: HL
Level: Order
Usage: Mandatory
Max Use: 1 per order-level HL loop; order-level HL loop may repeat per standards
Notes: 1. The order level is always subordinate to the shipment level. Therefore the parent HL parent number for the HL-O must always be 1 (may contain leading zeroes).

Data Element Summary

Ref. Des.	Data Element	Name	Kmart Attributes
HL01	628	Hierarchical ID Number	M AN 1/12
HL02	734	Hierarchical Parent ID Number	M AN 1/12
HL03	735	Hierarchical Level Code	M ID 1/2
		O Order	
Not Used HL04	736	Hierarchical Child Code	

Segment: **PRF** Purchase Order Reference
Loop: HL
Level: Order
Usage: Mandatory for Kmart
Max Use: 1 per order-level HL loop

Data Element Summary

Ref. Des.	Data Element	Name	Kmart Attributes
PRF01	324	Purchase Order Number	M AN 1/22
		DS = 9 characters	
		DC and JIT = 11 characters	
		DS Confirming order = 10 characters	
Not Used PRF02	328	Release Number	
Not Used PRF03	327	Change Order Sequence Number	
Not Used PRF04	373	Date	
Not Used PRF05	350	Assigned Identification	
PRF06	367	Contract Number	O AN 1/30
Not Used PRF07	92	Purchase Order Type Code	

Segment:	**PID** **Product/Item Description**
Level:	Detail - Order
Usage:	Mandatory for Kmart
Max Use:	1 per order-level HL loop

Notes: 1. One occurrence of this segment is required on every order-level HL on every ship notice to Kmart to indicate compliance with the Fair Labor Standards Act.

Data Element Summary

	Ref. Des.	Data Element	Name	Sears' Attributes
	PID01	**349**	**Item Description Type**	**M ID 1/1**
			S Structured (From Industry Code List)	
Not Used	**PID02**	**750**	**Product/Process Characteristic Code**	
	PID03	**559**	**Agency Qualifier Code**	**M ID 2/2**
			VI Voluntary Inter-Industry Commerce Standard (VICS) EDI	
	PID04	**751**	**Product Description Code**	**M AN 2/2**
			FL Compliant with Fair Labor Standards Act	
Not Used	**PID05**	**352**	**Description**	
Not Used	**PID06**	**752**	**Surface/Layer/Position Code**	
Not Used	**PID07**	**822**	**Source Subqualifier**	
Not Used	**PID08**	**1073**	**Yes/No Condition or Response Code**	
Not Used	**PID09**	**819**	**Language Code**	

Segment:	**TD1** Carrier Details (Quantity and Weight)
Loop:	HL
Level:	Order
Usage:	Mandatory for Kmart
Max Use:	1 per order-level HL loop
Notes:	1. The carton count and weight of each HL-Order level are required on Kmart ship notices. The data reported in this TD1 applies only to this order level.
	2. TD101 is a two part element.
	EXAMPLES
	TD1*CTN25*number of cartons***G*gross weight*LB
	TD1*PLT94*number of pallets***G*gross weight*LB

Data Element Summary

	Ref. Des.	Data Element	Name		Kmart Attributes
	TD101	103	**Packaging Code**		O AN 3/5
			CTN	Carton	
			PLT	Pallet	
			25	Corrugated or Solid Used with CTN	
			94	Wood Used with PLT	
	TD102	80	**Lading Quantity**		M N0 1/7
			Total number of pallets or cartons shipped for a PO		
Not Used	TD103	23	**Commodity Code Qualifier**		
Not Used	TD104	22	**Commodity Code**		
Not Used	TD105	79	**Lading Description**		
Not Used	TD106	187	**Weight Qualifier**		
Not Used	TD107	81	**Weight**		
Not Used	TD108	355	**Unit or Basis for Measurement Code**		
Not Used	TD109	183	**Volume**		
Not Used	TD110	355	**Unit or Basis for Measurement Code**		

Segment:	**REF** Reference Identification			
Loop:	HL			
Level:	Order			
Usage:	Mandatory for Kmart			
Max Use:	1 per order-level HL loop			
Notes:	1. The internal vendor number is present on the purchase order and is required to be returned on the ship notice. The value of REF*IA on the ship notice must be the same as the value of REF*IA on the purchase order. This is the KMart assigned Vendor Order Number, which is 11 characters			

Data Element Summary

	Ref. Des.	Data Element	Name	Kmart Attributes
	REF01	**128**	**Reference Identification Qualifier**	**M ID 2/3**
			IA Internal Vendor Number	
	REF02	**127**	**Reference Identification**	**M AN 1/30**
			KMart assigned Vendor Order Number, which is 11 characters	
Not Used	**REF03**	**352**	**Description**	
Not Used	**REF04**	**C040**	**Reference Identifier**	
Not Used	**C04001**	**128**	**Reference Identification Qualifier**	
Not Used	**C04002**	**127**	**Reference Identification**	
Not Used	**C04003**	**128**	**Reference Identification Qualifier**	
Not Used	**C04004**	**127**	**Reference Identification**	
Not Used	**C04005**	**128**	**Reference Identification Qualifier**	
Not Used	**C04006**	**127**	**Reference Identification**	

Segment:	**HL** Hierarchical Level
Loop:	HL
Level:	Tare
Usage:	Conditional for Kmart, review Note 1
Max Use:	1 per tare-level HL loop; tare-level HL loop may repeat per standards
Notes:	1. Tare and Pack levels cannot be used within the same Order level. They may be used in the same 856 Ship Notice, but only for different Order levels.
	2. Use the Tare level when you are palletizing your shipment and Pack level when shipping loose cartons.

Data Element Summary

Ref. Des.	Data Element	Name	Kmart Attributes
HL01	628	Hierarchical ID Number	M AN 1/12
HL02	734	Hierarchical Parent ID Number	M AN 1/12
HL03	735	Hierarchical Level Code	M ID 1/2
		T Shipping Tare	
Not Used HL04	736	Hierarchical Child Code	

Segment: **MAN** Marks and Numbers
Loop: HL
Level: Tare
Usage: Conditional for Kmart, review Note
Max Use: 1 per tare-level HL loop
Notes: 1. This segment, at the tare level, is used to specify the identification numbers for a pallet. This segment is required when the Tare level is used.

Data Element Summary

Ref. Des.	Data Element	Name	Kmart Attributes
MAN01	88	**Marks and Numbers Qualifier**	M ID 2/2
		GM SSCC-18 and Application Identifier	
MAN02	87	**Marks and Numbers**	M AN 1/20
		20 characters	
Not Used MAN03	87	**Marks and Numbers**	
Not Used MAN04	88	**Marks and Numbers Qualifier**	
Not Used MAN05	87	**Marks and Numbers**	
Not Used MAN06	87	**Marks and Numbers**	

Segment:	**HL** Hierarchical Level
Loop:	HL
Level:	Pack
Usage:	Conditional for Kmart, review Note 1
Max Use:	1 per pack-level HL loop; pack-level HL loop may repeat per standards
Notes:	1. Tare and Pack levels cannot be used within the same Order level. They may be used in the same 856 Ship Notice, but only for different Order levels.
	2. Use the Tare level when you are palletizing your shipment and Pack level when shipping loose cartons.

Data Element Summary

Ref. Des.	Data Element	Name	Kmart Attributes
HL01	628	Hierarchical ID Number	M AN 1/12
HL02	734	Hierarchical Parent ID Number	M AN 1/12
HL03	735	Hierarchical Level Code	M ID 1/2
		P Pack	
Not Used HL04	736	Hierarchical Child Code	

Segment:	**PO4** Item Physical Details
Loop:	HL
Level:	Pack
Usage:	Conditional for Kmart, review Note
Max Use:	1 per pack-level HL loop
Notes:	1. This segment is used for loose carton shipments into the Distribution Centers.

Data Element Summary

	Ref. Des.	Data Element	Name	Kmart Attributes	
Not Used	PO401	356	Pack		
Not Used	PO402	357	Size		
Not Used	PO403	355	Unit or Basis for Measurement Code		
Not Used	PO404	103	Packaging Code		
Not Used	PO405	187	Weight Qualifier		
	PO406	384	Gross Weight per Pack	C	R 1/9
	PO407	355	Unit or Basis for Measurement Code	C	ID 2/2
			KG Kilogram		
			LB Pound		
Not Used	PO408	385	Gross Volume per Pack		
Not Used	PO409	355	Unit or Basis for Measurement Code		
	PO410	82	Length	C	R 1/8
	PO411	189	Width	C	R 1/8
	PO412	65	Height	C	R 1/8
	PO413	355	Unit or Basis for Measurement Code	C	ID 2/2
			CM Centimeter		
			IN Inch		
Not Used	PO414	810	Inner Pack		
Not Used	PO415	752	Surface/Layer/Position Code		
Not Used	PO416	350	Assigned Identification		
Not Used	PO417	350	Assigned Identification		
Not Used	PO418	1470	Number		

Segment:		**MAN** Marks and Numbers
Loop:		HL
Level:		Pack
Usage:		Conditional for Kmart, review Note
Max Use:		1 per pack-level HL loop
Notes:		1. This segment, at the pack level, is used to specify the identification numbers for a carton. This segment is required when the Pack level is used.

Data Element Summary

	Ref. Des.	Data Element	Name	Kmart Attributes
	MAN01	88	Marks and Numbers Qualifier	M ID 1/2
		GM	SSCC-18 and Application Identifier	
	MAN02	87	Marks and Numbers	M AN 1/48
		20 characters		
Not Used	MAN03	87	Marks and Numbers	
Not Used	MAN04	88	Marks and Numbers Qualifier	
Not Used	MAN05	87	Marks and Numbers	
Not Used	MAN06	87	Marks and Numbers	

Segment:	**HL** Hierarchical Level
Loop:	HL
Level:	Item
Usage:	Mandatory
Max Use:	1 per item-level HL loop; item-level HL loop may repeat per standards
Notes:	1. At least one iteration of this loop is required for every parent order loop.
	2. The item level may be subordinate to the tare or pack levels. Therefore the value in HL02 will be the value sent in the HL01 element for the parent tare or pack level.

Data Element Summary

Ref. Des.	Data Element	Name	Kmart Attributes
HL01	628	Hierarchical ID Number	M AN 1/12
HL02	734	Hierarchical Parent ID Number	M AN 1/12
HL03	735	Hierarchical Level Code	M ID 1/2
		I Item	
Not Used HL04	736	Hierarchical Child Code	

Segment: **LIN** Item Identification
Loop: HL
Level: Item
Usage: Mandatory for Kmart
Max Use: 1 per item-level HL loop
Notes:
1. The qualifiers used in data element 235 Product/Service ID Qualifier fields (e.g. LIN02, LIN04) **may come in any order** as long as they are paired with their appropriate Product ID. For example, the LIN02 may contain UP if LIN03 contains the U.P.C. number. Or LIN02 may contain IN if LIN03 contains the KSN (after EIM conversion.).
2. The shipping GTIN is required to be returned on the 856 if sent on the 850 purchase order. This MUST be present for all DC-stocked orders (non-JIT).
3. The KSN number (data element IN) must be returned on every 856.

Data Element Summary

	Ref. Des.	Data Element	Name	Kmart Attributes
Not Used	LIN01	350	Assigned Identification	
	LIN02	235	Product/Service ID Qualifier	M ID 2/2
			EN — European Article Number (EAN) (2-5-5-1)	
			IN — Buyer's Item Number	
			UK — U.P.C./EAN Shipping Container Code (1-2-5-5-1)	
			UP — U.P.C. Consumer Package Code (1-5-5-1)	
			VN — Vendor's (Seller's) Item Number	
			IN — Buyer's Item Number – KSN	
	LIN03	234	Product/Service ID	M AN 1/48
			13 - 13 EAN number (LIN Qualifier=EN)	
			9 - 9 Kmart KSN item number (LIN Qualifier=IN)	
			14 - 14 Shipping GTIN (LIN Qualifier=UK)	
			12 - 12 U.P.C. number (LIN Qualifier=UP)	
			1 - 17 Vendor's item number (LIN Qualifier=VN)	
	LIN04	235	Product/Service ID Qualifier See LIN02	C ID 2/2
	LIN05	234	Product/Service ID See LIN03	C AN 1/48
	LIN06	235	Product/Service ID Qualifier See LIN02	C ID 2/2
	LIN07	234	Product/Service ID See LIN03	C AN 1/48
	LIN08	235	Product/Service ID Qualifier See LIN02	M ID 2/2
	LIN09	234	Product/Service ID See LIN03	M AN 1/48
Not Used	LIN10	235	Product/Service ID Qualifier	
Not Used	LIN11	234	Product/Service ID	
Not Used	LIN12	235	Product/Service ID Qualifier	

	Ref. Des.	Data Element	Name		Kmart Attributes
Not Used	LIN13	234	Product/Service ID		
Not Used	LIN14	235	Product/Service ID Qualifier		
Not Used	LIN15	234	Product/Service ID		
Not Used	LIN16	235	Product/Service ID Qualifier		
Not Used	LIN17	234	Product/Service ID		
Not Used	LIN18	235	Product/Service ID Qualifier		
Not Used	LIN19	234	Product/Service ID		
Not Used	LIN20	235	Product/Service ID Qualifier		
Not Used	LIN21	234	Product/Service ID		
Not Used	LIN22	235	Product/Service ID Qualifier		
Not Used	LIN23	234	Product/Service ID		
Not Used	LIN24	235	Product/Service ID Qualifier		
Not Used	LIN25	234	Product/Service ID		
Not Used	LIN26	235	Product/Service ID Qualifier		
Not Used	LIN27	234	Product/Service ID		
Not Used	LIN28	235	Product/Service ID Qualifier		
Not Used	LIN29	234	Product/Service ID		
Not Used	LIN30	235	Product/Service ID Qualifier		
Not Used	LIN31	234	Product/Service ID		

Segment:	**SN1** Item Detail (Shipment)
Loop:	HL
Level:	Item
Usage:	Mandatory for Kmart
Max Use:	1 per item-level HL loop
Notes:	1. This segment is used to specify the actual quantity shipped for the purchase order line item identified in the associated LIN segment. The value sent in SN103 should be the same value sent on the PO
	2. If a substitution has been authorized by the Kmart buyer, the LIN segment will specify the substituted purchase order line item, the SN1 segment will report a quantity shipped and the SLN segment(s) following will report the originally ordered purchase order line item and quantity.

Data Element Summary

	Ref. Des.	Data Element	Name	Kmart Attributes
Not Used	SN101	350	**Assigned Identification**	O AN 1/20
	SN102	382	**Number of Units Shipped**	M R 1/10
	SN103	355	**Unit or Basis for Measurement Code**	M ID 2/2
			Must be the same unit of measure as received on the purchase order.	
			CA Case	
			EA Each	
Not Used	SN104	646	**Quantity Shipped to Date**	
	SN105	330	**Quantity Ordered**	C R 1/15
	SN106	355	**Unit or Basis for Measurement Code**	C ID 2/2
			Must be the same unit of measure as received on the purchase order.	
			CA Case	
			EA Each	
Not Used	SN107	728	**Returnable Container Load Make-Up Code**	
Not Used	SN108	668	**Line Item Status Code**	

Segment: **SLN** Subline Item Detail
Position: 040
Loop: HL
Level: Item
Usage: Optional
Max Use: 1000 per standards
Notes:
1. The SLN segment should be used only to report authorized substitutions

2. For Authorized Substitutions, the SLN should specify the originally ordered product ID and quantity. The value in SLN03 must be 'S'. The LIN and SN1 segments should report the product ID and quantity shipped of the substituted product.

3. The value of SLN01 should be a sequential number, beginning with one and incrementing by one for each occurrence of the SLN segment within each HL-I loop.

4. SLN06 and SLN07 are required if there are changes in the pricing specifications on pre-ticketed items.

Data Element Summary

	Ref. Des.	Data Element	Name	Kmart Attributes	
	SLN01	350	Assigned Identification	M	AN 1/20
			Identifying number for the subline item. It is related to the baseline item number.		
Not Used	SLN02	350	Assigned Identification		
	SLN03	662	Relationship Code	M	ID 1/1
			D Delete		
			I Included		
			S Substituted		
	SLN04	380	Quantity	C	R 1/15
	SLN05	C001	Composite Unit of Measure	C	
	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2
			Must be the same unit of measure as received on the purchase order.		
			CA Case		
			EA Each		
Not Used	-C00102 - C00115				
	SLN06	212	Unit Price	C	R 1/17
			SL06 and SLN07 are required if there are changes in the pricing specifications on pre-ticketed items only.		
	SLN07	639	Basis of Unit Price Code	O	ID 2/2
			SL06 and SLN07 are required if there are changes in the pricing specifications on pre-ticketed items only		
			RE Retail Price per Each		
Not Used	SLN08	662	Relationship Code		

Ref. Des.	Data Element	Name	Kmart Attributes
SLN09	**235**	**Product/Service ID Qualifier**	**C ID 2/2**
		EN European Article Number (EAN) (2-5-5-1)	
		IN Buyer's Item Number	
		UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)	
		UP U.P.C. Consumer Package Code (1-5-5-1)	
		VN Vendor's (Seller's) Item Number	
SLN10	**234**	**Product/Service ID**	**C AN 1/17**
		13 - 13 EAN number (SLN Qualifier=EN)	
		9 - 9 Kmart KSN item number (SLN Qualifier=IN)	
		14 - 14 Shipping GTIN (SLN Qualifier=UK)	
		12 - 12 U.P.C. number (SLN Qualifier=UP)	
		1 - 17 Vendor's item number (SLN Qualifier=VN)	
SLN11	**235**	**Product/Service ID Qualifier**	**C ID 2/2**
		See SLN09	
SLN12	**234**	**Product/Service ID**	**C AN 1/17**
		See SLN10	
SLN13	**235**	**Product/Service ID Qualifier**	**C ID 2/2**
		See SLN09	
SLN14	**234**	**Product/Service ID**	**C AN 1/17**
		See SLN10	
SLN15	**235**	**Product/Service ID Qualifier**	**C ID 2/2**
		See SLN09	
SLN16	**234**	**Product/Service ID**	
		See SLN10	
Not Used **SLN17**	**235**	**Product/Service ID Qualifier**	**C AN 1/17**
Not Used **SLN18**	**234**	**Product/Service ID**	
Not Used **SLN19**	**235**	**Product/Service ID Qualifier**	
Not Used **SLN20**	**234**	**Product/Service ID**	
Not Used **SLN21**	**235**	**Product/Service ID Qualifier**	
Not Used **SLN22**	**234**	**Product/Service ID**	
Not Used **SLN23**	**235**	**Product/Service ID Qualifier**	
Not Used **SLN24**	**234**	**Product/Service ID**	
Not Used **SLN25**	**235**	**Product/Service ID Qualifier**	
Not Used **SLN26**	**234**	**Product/Service ID**	
Not Used **SLN27**	**235**	**Product/Service ID Qualifier**	
Not Used **SLN28**	**234**	**Product/Service ID**	

Segment:	**PO4** Item Physical Details
Position:	060
Loop:	HL
Level:	Item
Usage:	Conditional for Kmart, review Note 1
Max Use:	1 per item-level HL loop
Notes:	1. The PO4 segment must be returned on the 856 if sent on the 850 purchase order. This MUST be present for all DC and JIT orders.
	2. The same quantities sent in PO401 and PO402 in the 850 must be returned in the 856.

Data Element Summary

	Ref. Des.	Data Element	Name	Kmart Attributes
	PO401	356	**Pack**	C N0 1/6
			Number of items (eaches) per case	
	PO402	357	**Size**	C R 1/8
			Number of eaches per inner pack.	
	PO403	355	**Unit or Basis for Measurement Code**	C ID 2/2
			CA Case	
			EA Each	
Not Used	PO404	103	**Packaging Code**	
Not Used	PO405	187	**Weight Qualifier**	
Not Used	PO406	384	**Gross Weight per Pack**	
Not Used	PO407	355	**Unit or Basis for Measurement Code**	
Not Used	PO408	385	**Gross Volume per Pack**	
Not Used	PO409	355	**Unit or Basis for Measurement Code**	
Not Used	PO410	82	**Length**	
Not Used	PO411	189	**Width**	
Not Used	PO412	65	**Height**	
Not Used	PO413	355	**Unit or Basis for Measurement Code**	
Not Used	PO414	810	**Inner Pack**	
Not Used	PO415	752	**Surface/Layer/Position Code**	
Not Used	PO416	350	**Assigned Identification**	
Not Used	PO417	350	**Assigned Identification**	
Not Used	PO418	1470	**Number**	

Segment:	**PID** Product/Item Description
Position:	070
Loop:	HL
Level:	Detail
Usage:	Optional
Max Use:	1 per item-level HL loop

Data Element Summary

	Ref. Des.	Data Element	Name	Kmart Attributes
	PID01	**349**	**Item Description Type**	**M ID 1/1**
		F	Free-form	
Not Used	**PID02**	**750**	**Product/Process Characteristic Code**	
Not Used	**PID03**	**559**	**Agency Qualifier Code**	
Not Used	**PID04**	**751**	**Product Description Code**	
	PID05	**352**	**Description**	**C AN 1/80**
			Item description	
Not Used	**PID06**	**752**	**Surface/Layer/Position Code**	
Not Used	**PID07**	**822**	**Source Subqualifier**	
Not Used	**PID08**	**1073**	**Yes/No Condition or Response Code**	
Not Used	**PID09**	**819**	**Language Code**	

Segment:	**TD5** Carrier Details (Routing Sequence/Transit Time)	
Position:	120	
Loop:	HL	
Level:	Detail	
Usage:	Conditional for Kmart, review Note	
Max Use:	12	
Notes:	1. For approved vendors only, this segment may be used to cancel the balance of an ordered quantity. The LIN segment must specify the purchase order line item shipped, SN1 will report the quantity shipped and TD506 will be sent to cancel the balance of the ordered item. Do NOT send the TD5 segment to cancel the balance of an item if your company is not approved for this by the buying and inventory teams.	
	2. TD5 segment must be present if shipping complete or if shipping substitutions.	

Data Element Summary

	Ref. Des.	Data Element	Name	Kmart Attributes
Not Used	TD501	133	Routing Sequence Code	
Not Used	TD502	66	Identification Code Qualifier	
Not Used	TD503	67	Identification Code	
Not Used	TD504	91	Transportation Method/Type Code	
Not Used	TD505	387	Routing	
	TD506	368	Shipment/Order Status Code	C ID 2/2

CC	Shipment Complete on (Date)	
CP	Partial Shipment, Considered No Backorder **MUST HAVE APPROVAL OF BUYING AND INVENTORY TEAM TO USE THIS**	
IS	Item Represents Substitution from Original Order	
	Item represents substitution from original order ('IS' can only be sent when sending the SLN segment and must have Kmart buyer approval)	

	Ref. Des.	Data Element	Name	
Not Used	TD507	309	Location Qualifier	
Not Used	TD508	310	Location Identifier	
Not Used	TD509	731	Transit Direction Code	
Not Used	TD510	732	Transit Time Direction Qualifier	
Not Used	TD511	733	Transit Time	
Not Used	TD512	284	Service Level Code	
Not Used	TD513	284	Service Level Code	
Not Used	TD514	284	Service Level Code	
Not Used	TD515	26	Country Code	

Segment:	**CTT** Transaction Totals		
Position:	010		
Loop:			
Level:	Summary		
Usage:	Optional		
Max Use:	1		

Data Element Summary

	Ref. Des.	Data Element	Name	Kmart Attributes
	CTT01	**354**	**Number of Line Items**	**M N0 1/6**
Not Used	**CTT02**	**347**	**Hash Total**	
Not Used	**CTT03**	**81**	**Weight**	
Not Used	**CTT04**	**355**	**Unit or Basis for Measurement Code**	
Not Used	**CTT05**	**183**	**Volume**	
Not Used	**CTT06**	**355**	**Unit or Basis for Measurement Code**	
Not Used	**CTT07**	**352**	**Description**	

Segment: **SE** Transaction Set Trailer
Position: 020
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1

Data Element Summary

Ref. Des.	Data Element	Name	Kmart Attributes
SE01	96	Number of Included Segments	M N0 1/10
SE02	329	Transaction Set Control Number	M AN 4/9

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Segment Usage Examples

Pick and Pack Structure
ST*856*Control number
BSN*00*Shipment ID number*Date*Time*0001
[Unique shipment ID, date and time of creation, Pick and Pack structure]

HL*1**S   [Begin **Shipment** level details]
TD1*Packaging code*Lading quantity****G*Weight*LB
[Lading quantity and gross weight per B/L]
TD5**2*SCAC code   [Carrier SCAC required]
TD5****U*UPS or FEDX   [For small package carrier shipments only]
(**NOTE: Send one TD5 segment only)**
REF*BM*B/L number   [B/L number required for Truckload and LTL shipments; not required for small package carrier shipments]
PER*IC*Name (optional)*EM*Email address*TE*Telephone number
[Vendor's contact information for 856 problems and questions]
DTM*011*Date shipped   [Actual ship date]
DTM*067*Scheduled ship date   [Scheduled ship date]

FOB*Shipment method of payment   [Prepaid or collect]
N1*ST**Qualifier*Ship to unit number   [Ship to unit number from N1*ST segment in PO]
N1*SF*Shipper name*92*Remit-to number   [Shipper name, 11-digit Pay Vendor number]

HL*HL ID number*1*O   [Begin **Order** level details]
PRF*PO number   [PO reference]
PID*S**VI*FL   [FLSA compliance indicator required]
TD1*Packaging code*Lading quantity****G*Weight*LB
[Carton count and weight for this order level]
REF*IA*Internal vendor number   [Internal vendor number from PO]

HL*HL ID number*Parent ID number*T   [Begin **Tare** level details; send either Tare or Pack within a single Order-level HL; not both]
MAN*GM*GS1-128 serial shipping container code
[Pallet serial number]

HL*HL ID number*Parent ID number*P   [Begin **Pack** level details; send either Tare or Pack within a single Order-level HL; not both]
PO4******Gross weight*LB**Length*Width*Height*Unit of measure
[Pack weight and measurements]
MAN*GM*GS1-128 serial shipping container code
[Carton serial number]

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Segment Usage Examples

Pick and Pack Structure (continued)

HL*HL ID number*Parent ID number*I   [Begin **Item** level details]

LIN**IN*Kmart item number (KSN)*Qualifier*UPC or EAN*UK*Shipping GTIN*VN*Vendor's item
     number
                                             [Line item reference for product shipped]
SN1**Quantity shipped*Unit of measure   [Actual quantity shipped within pack]
SLN*SLN sequence number**Qualifier*Quantity*EA****IN* Kmart item number (KSN)
     *Qualifier*UPC or EAN*UK*Shipping GTIN*VN*Vendor's item number
                                             [Report substitutions, if authorized and
                                              applicable]
PO4*Quantity in Case*Quantity in Pack*Unit of Measure
                                             [Number of eaches in case, number of eaches in
                                              one Inner Pack, if applicable]
PID*F****Item Description   [Item Description]

TD5******CC   ['Shipment complete' indicator]

TD5******CP   ['Balance cancel' indicator; must be approved to
                                              use this]

CTT*Count of HL segments
SE*Count of segments*Control number

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History of Revisions

August 2008
Added example to REF to show TD5 if small package carrier shipment; note removed about formatting REF with 999999 as this is not valid. Bookmarks adjusted.

May 2008
Added 'Balance Cancel' to item level TD5 (for approved vendors only)

February 2008
Corrected instructions for PER segment

November 2007
Removed N2, N3 and N4 from segment table

August 2007
Revised explanatory notes
Added clarification notes to shipping level REF segment for Bill of Lading number
Added PER segment for contact information

June 2007
Added clarification note to DTM segment

February 2007
Added Segment Usage Example
Added and enhanced notes on segments
Changed font
Removed AS unit of measure
Revised notes on N1 segment

January 2007
Added Introduction page
Revised header and footers
Added PID segment requirement for legal requirements
Added and enhanced notes on segments

April 2006
Clarification added to where Kmart requires a segment or element which the industry standards consider optional.
Clarified usage of PO4 and shipping GTIN.