



EDI GUIDELINES

PRODUCT TRANSFER AND RESALE 852

VERSION 4010

SHOPKO'S 852 GUIDELINES

DAILY SALES*

- All units sold for a 24-hour period.
- An additional 852-transaction set will be sent if sales are not transmitted due to missed polling of a location. The new transaction will identify the original sales date and the location.
- Transmissions are for the previous day's activity and will occur around 1:00 AM (CST).

WEEKLY SALES*

- All sales units for items sold are for Sunday through Saturday sales.
- Sales are transmitted for the previous week's activity.
- Transmissions will occur around 8:00 PM (CST) Sunday. If you receive inventory data, there are two separate transmissions. One for sales data and one for inventory data. The data comes from two different systems.

DATA OPTIONS

- **Receipt of on-hand/on-order quantities**
 1. Definitions:
 - ♦ **On-order** is the total of all ordered units prior to receipt.
 - ♦ **On-hand** is the total number of units in inventory.
 2. On-hands can be transmitted as a positive, a negative or a zero number value.
 3. You have the option of receiving: on-hand, on-order, both or none.
 4. Quantities transmitted are updated through Saturday at the close of business.
 5. ShopKo's week runs Sunday through Saturday
 6. Quantities will be transmitted once per week around 8:00 PM (CST) Sunday.
- **Receipt of customer return information.**
 1. Most often returns are combined with sales. It is possible to receive a negative number in the transmission if there are more returns than sales at a particular location.
 2. Returns to inventory can be sent separately from sales in the "ZA" segment using the "QU" code.
- **Receipt of sales data for discontinued items is optional and must be approved by the Replenishment department.**

SHOPKO'S 852 GUIDELINES

Envelope and Group

Segment	Segment Name	Seg. Use	Max Use	Loop Repeat
ISA	Interchange Control Header	M	1	
GS	Functional Group Header	M	1	

Header

Segment	Segment Name	Seg. Use	Max Use	Loop Repeat
ST	Transaction Set Header	M	1	
XQ	Reporting Date/Action	M	1	

Detail

Segment	Segment Name	Seg. Use	Max Use	Loop Repeat
	Loop ID -LIN			999999
LIN	Item Identification Detail	M	1	
	Loop ID -LIN/ZA			>1
ZA	Product Activity Reporting	M	1	
CTP	Pricing Information	O	25	
SDQ	Destination Quantity	O	>1	

Summary

Segment	Segment Name	Seg. Use	Max Use	Loop Repeat
CTT	Transaction Totals	M	1	
SE	Transaction Set Trailer	M	1	

Envelope and Group

Segment	Segment Name	Seg. Use	Max Use	Loop Repeat
GE	Functional Group Trailer	M	1	
IEA	Interchange Control Trailer	M	1	

SHOPKO'S 852 GUIDELINES

GLOSSARY OF TERMS

Segment:	Consists of a segment identifier, one or more data element each preceded by an element separator, and ending with a terminator (X12.6).	
Seg. Use:	Denotes if the segment is mandatory or optional for ShopKo.	
Reference Des.:	Identifies the segment and the data element sequence number.	
Data Element Number:	This is the number assigned to the data element. This number may be used for direct reference into the ANSI X12 Data Dictionary.	
Data Element Name:	This is the description assigned to the data element.	
Element Usage:	M - Mandatory	ShopKo requires this element.
	O - Optional	This element can be used.
	C - Conditional	The data element can be used only if other elements are used within the segment.

SHOPKO'S 852 GUIDELINES

Segment: ISA - Interchange Control Header
Level: Envelope
ShopKo Usage: Mandatory
Purpose: To start and identify a transmission for a partner.

Ref. Des.	Data Element	Name	Element Usage
ISA01	101	Authorization Information Qualifier 00 No authorization information present.	M
ISA02	102	Authorization Information This field will be blank.	M
ISA03	103	Security Information Qualifier 00 No security information present.	M
ISA04	104	Security Information This field will be blank.	M
ISA05	105	Interchange ID Qualifier 08 UCC EDI Communications ID (Comm ID)	M
ISA06	106	Interchange Sender ID 6136010000	M
ISA07	105	Interchange ID Qualifier ShopKo supports all valid codes.	M
ISA08	107	Interchange Receiver ID The value in this field depends upon the code used in the ISA07.	M
ISA09	108	Date The format is YYMMDD.	M

SHOPKO'S 852 GUIDELINES

Segment: ISA - Interchange Control Header (Continued)
Level: Envelope
ShopKo Usage: Mandatory
Purpose: To start and identify a transmission for a partner.

Ref. Des.	Data Element	Name	Element Usage
ISA10	109	Time The time that the interchange was created in ShopKo's system. The format is HHMM (24 Hr.)	M
ISA11	110	Interchange Standards Identifier U U.S. EDI community of X12	M
ISA12	111	Interchange Version ID 00401 Version 4010	M
ISA13	112	Interchange Control Number This value is sequentially assigned by ShopKo starting with the number "1" for each trading partner. The value entered in this field will match the value in the Interchange Control Number field on the Interchange Control Trailer (IEA02).	M
ISA14	113	Acknowledgment Requested 0 No acknowledgment requested.	M
ISA15	114	Test Indicator T Test Data P Production Data	M
ISA16	115	Subelement Separator › The value identified for retail use.	M

SHOPKO SEGMENT USAGE COMMENTS

- For the 852 Transaction, ShopKo will send a "P" in the ISA15 unless otherwise requested to send a "T" by the trading partner.

SHOPKO'S 852 GUIDELINES

Segment: GS - Functional Group Header
Level: Group
ShopKo Usage: Mandatory
Purpose: Indicates the beginning of a functional group and provides control information.

Ref. Des.	Data Element	Name	Element Usage
GS01	479	Functional ID PD Product Activity Data (852)	M
GS02	142	Application Sender's Code This is the same code as used in the (ISA06).	M
GS03	124	Application Receiver's Code For ShopKo's trading partner, the number is usually the same code used in the (ISA08).	M
GS04	373	Data Interchange Date The format is CCYYMMDD.	M
GS05	337	Data Interchange Time The time that the interchange was created in ShopKo's system. The format is HHMM (24 Hr.)	M
GS06	28	Data Interchange Control Number This value is sequentially assigned by ShopKo starting with the number "1" for each trading partner. The value entered in this field will match the one in the Functional Group Trailer (GE02).	M
GS07	455	Responsible Agency Code X Accredited standards committee X12.	M
GS08	480	Version 004010	M

SHOPKO'S 852 GUIDELINES

Segment: ST - Transaction Set Header
Level: Header
ShopKo Usage: Mandatory
Purpose: To indicate the start of a transaction set and to assign a control number.

Ref. Des.	Data Element	Name	Element Usage
ST01	143	Transaction Set Identifier Code 852 This is the code that identifies the transaction as sales data.	M
ST02	329	Transaction Set Control Number This value is sequentially assigned by ShopKo starting with the number "1" for each trading partner. The value entered in this field will match the one in the Transaction Set Trailer Record (SE02).	M

SHOPKO'S 852 GUIDELINES

Segment: XQ - Reporting Date/Action
Level: Header
ShopKo Usage: Mandatory
Purpose: To specify reporting date and action to be taken.

Ref. Des.	Data Element	Name	Element Usage
XQ01	305	Transaction Handling Code H Notification Only	M
XQ02	373	Date - (CCYYMMDD) Current Date	M
XQ03	373	Date - (CCYYMMDD) Current Date	M

SHOPKO SEGMENT USAGE COMMENTS

- Multiple dates may be sent depending on the type of sales data that is sent. Each date will be a separate transaction.
- The XQ03 is used when sending inventory position when a date range is requested. The range is Sunday through Saturday.

SHOPKO'S 852 GUIDELINES

Segment: LIN - Item Identification Detail
Level: Detail
Loop: LIN
ShopKo Usage: Mandatory
Purpose: To specify basic item identification data.

Ref. Des.	Data Element	Name	Element Usage
LIN02	235	Product/Service ID Qualifier CB Buyer's Catalog Number (Optional) UP UPC-A (1-5-5-1)	M
LIN03	234	Product ID Identifying number for a product. CB (8 digit) number. UP (12 digit) number.	C

SHOPKO SEGMENT USAGE COMMENTS

- ShopKo prefers the use of the UPC code. The UPC will be sent on all transmissions.
- If the "CB" qualifier and number are sent, the order of the transmission will be "CB" and then "UP".
- The LIN04 and LIN 05 will be sent if more that one product ID is used.

SHOPKO'S 852 GUIDELINES

Segment: ZA - Product Activity Reporting
Level: Detail
Loop: LIN/ZA
ShopKo Usage: Mandatory
Purpose: To provide activity details concerning product being reported.

Ref. Des.	Data Element	Name	Element Usage
ZA01	859	Activity Code QS Quantity sold at retail QU Quantity returned by customer QA On hand inventory QP On order merchandise	M
ZA02	380	Quantity Numeric value of quatity	C
ZA03	355	Unit of Measure Code EA Each	C
ZA06	128	Reference Number Qualifier PD Promotion Number	O
ZA07	127	Reference Number Qualifier AD	O

SHOPKO SEGMENT USAGE COMMENTS

- The “QS” and “QU” codes are sent in conjunction with point of sale data. Actual register rings are used to compile this data.
- Most often returns are combined with sales. It is possible to receive a negative number in the transmission if there are more returns than sales at a particular location.
- Returns to inventory can be sent separately from sales in the “ZA” segment using the “QU” code.
- The “QA” and “QP” codes are sent in conjunction with inventory position. This data is sent separately from sales and is updated weekly. ShopKo’s week runs Sunday through Saturday.
- The ZA02 and ZA03 elements will only be sent when corporate sales are transmitted. The SDQ segment is not sent when the ZA02 and ZA03 elements are used.
- The ZA06 and ZA07 elements will only be sent when separate basic and ad sales are authorized to be transmitted. Sales with these elements are considered as promo.

SHOPKO'S 852 GUIDELINES

Segment: CTP – Pricing Information
Level: Detail
Loop: LIN/ZA
ShopKo Usage: Optional
Purpose: To specify pricing information.

Ref. Des.	Data Element	Name	Element Usage
CTP02	236	Price Identifier Code PRP Promotional Price RES Resale	C
CTP03	212	Unit Price Price per unit.	O

SHOPKO SEGMENT USAGE COMMENTS

- The use of this segment must be approved by the Replenishment department.
- The “RES” element represents the regular/basic retail price.
- The “PRP” element represents the ad/promo retail price.

SHOPKO'S 852 GUIDELINES

Segment: SDQ - Destination Quantity
Level: Detail
Loop: LIN/ZA
ShopKo Usage: Optional
Purpose: To specify multiple locations and quantity detail.

Ref. Des.	Data Element	Name	Element Usage
SDQ01	355	Unit of Measurement Code EA Each	M
SDQ02	66	Identification Code Qualifier 92 Assigned by ShopKo	M
SDQ03	67	Identification Code The 4-digit number transmitted will indicate either a store or distribution center location.	M
SDQ04	380	Quantity Numeric value of quatity associated with the specific location identified in the preceding (SDQ03).	M

SHOPKO SEGMENT USAGE COMMENTS

- The SDQ segment will be used for both sales and inventory data.
- The SDQ will not be sent in conjunction with corporate level data.
- Data elements 67 and 380 will be repeated as needed. There is a maximum of ten locations in a SDQ loop.

SHOPKO'S 852 GUIDELINES

Segment: CTT - Transaction Totals
Level: Summary
ShopKo Usage: Mandatory
Purpose: To provide total line items to validate transaction completeness and correctness.

Ref. Des.	Data Element	Name	Element Usage
CTT01	354	Number of Line Items Total number of line items (LIN segments) present in the transaction set.	M

SHOPKO'S 852 GUIDELINES

Segment: SE - Transaction Set Trailer
Level: Summary
ShopKo Usage: Mandatory
Purpose: To indicate the end of the transaction set and to provide the count of the segments transmitted within the transaction set.

Ref. Des.	Data Element	Name	Element Usage
SE01	96	Number of Included Segments The total number of segments included in a transaction set including the ST and SE segments.	M
SE02	329	Transaction Set Control Number The identifying transaction set control number. This must be the same number as in the ST02.	M

SHOPKO'S 852 GUIDELINES

Segment: GE - Functional Control Trailer
Level: Group
ShopKo Usage: Mandatory
Purpose: Indicates the end of a functional group and provides control information.

Ref. Des.	Data Element	Name	Element Usage
GE01	97	Number of Included Transaction Sets This field represents the number of transaction sets (ST/SE) included in the functional group (GS/GE).	M
GE02	28	Data Interchange Control Number This must be the same number that was entered in the (GS06) field for the group.	M

SHOPKO'S 852 GUIDELINES

Segment: IEA - Interchange Control Trailer
Level: Envelope
ShopKo Usage: Mandatory
Purpose: To define the end of an interchange for a partner and to provide control information.

Ref. Des.	Data Element	Name	Element Usage
IEA01	116	Number of Included Groups This field represents the number of GS segments within the transmission.	M
IEA02	112	Interchange Control Number The number in this field must match the one in the ISA segment (ISA13).	M

SHOPKO'S 852 GUIDELINES

FUNCTIONAL ACKNOWLEDGMENT TRANSACTION SET (997)

Envelope and Group

Segment	Segment Name	Seg. Use	Max Use	Loop Repeat
ISA	Interchange Control Header	M	1	
GS	Functional Group Header	M	1	

Header

Segment	Segment Name	Seg. Use	Max Use	Loop Repeat
ST	Transaction Set Header	M	1	
AK1	Functional Group Response Header	M	1	
AK9	Functional Group Response Trailer	M	1	
SE	Transaction Set Trailer	M	1	

Envelope and Group

Segment	Segment Name	Seg. Use	Max Use	Loop Repeat
GE	Functional Group Trailer	M	1	
IEA	Interchange Control Trailer	M	1	

SHOPKO TRANSACTION USAGE COMMENTS

- ShopKo requires a functional acknowledgment from all trading partners within two business days from the date ShopKo transmits the data. ShopKo verifies the receipt of all out-bound transactions. For in-bound transactions, ShopKo sends a 997 upon receipt; and expects the trading partner to verify the receipt within a week of transmission.
- ShopKo considers acknowledgment complete when the trading partner sends the AK1 and AK9 segments.

SHOPKO'S 852 GUIDELINES

FUNCTIONAL ACKNOWLEDGMENT

Segment: ST - Transaction Set Header
Level: Header
ShopKo Usage: Mandatory
Purpose: To indicate the start of a transaction set and to assign a control number.

Ref. Des.	Data Element	Name	Element Usage
ST01	143	Transaction Set Identifier Code 997 This is the code that identifies the transaction as a functional acknowledgment.	M
ST02	329	Transaction Set Control Number This value is sequentially assigned by ShopKo starting with the number "1" for each trading partner. The value entered in this field will match the one in the Transaction Set Trailer Record (SE02).	M

SHOPKO'S 852 GUIDELINES

FUNCTIONAL ACKNOWLEDGMENT

Segment: AK1 - Functional Group Response Header
Level: Header
ShopKo Usage: Mandatory
Purpose: To start an acknowledgment of a functional group.

Ref Des.	Data Element	Name	Element Usage
AK101	479	Functional Identifier Code This is the functional group ID for the group that is being acknowledged. PD Product Activity Data (852)	M
AK102	28	Group Control Number This is the control number assigned by ShopKo in the original transmission in the GS06.	M

SHOPKO SEGMENT USAGE COMMENTS

- The function group code depends upon the group ID that was sent on the transaction from ShopKo.

SHOPKO'S 852 GUIDELINES

FUNCTIONAL ACKNOWLEDGMENT

Segment: AK9 - Functional Group Response Trailer
Level: Header
ShopKo Usage: Mandatory
Purpose: To acknowledge the acceptance or rejection of a functional group and to report the number of included transaction sets from the original trailer, the accepted sets, and the received sets in this functional group.

Ref. Des.	Data Element	Name	Element Usage
AK901	715	Functional Group Acknowledge Code A Accepted E Accepted but errors were noted. P Partially accepted. At least one transaction set was rejected. R Rejected	M
AK902	97	Number of Transaction Sets Included This field will contain the count of the total number of transaction sets included.	M
AK903	123	Number of Received Transaction Sets This field will contain the count of the total number of transaction sets received.	M
AK904	2	Number of Accepted Transaction Sets This field will contain the total number of transaction sets that were accepted.	M

SHOPKO'S 852 GUIDELINES

FUNCTIONAL ACKNOWLEDGMENT

Segment: SE - Transaction Set Trailer
Level: Header
ShopKo Usage: Mandatory
Purpose: To indicate the end of the transaction set and to provide the count of the segments transmitted within the transaction set.

Ref. Des.	Data Element	Name	VICS Element Usage
SE01	96	Number of Included Segments The total number of segments included in a transaction set including the ST and SE segments.	M
SE02	329	Transaction Set Control Number The identifying transaction set control number. This must be the same number as in the ST02.	M