Belk Stores
856 Advance Ship Notice

X12/V4030/856: 856 Advance Ship Notice

Technical Information:

- Version: 004030VICS
- ISA Receiver ID: 08/6123830000
- GS Receiver ID: 6123830000
- 997 Functional Acknowledgment
- VAN – TGMS Opentext

Recent Changes:

- Beginning 7/23/2024, Belk will no longer require the TD5 segment which included the SCAC
- The segment has been removed from the spec, but if your system continues to send, the translator will not fail the file
- If your platform is configured to require you to enter this information, you can add or permanently hardcode 'SCAC' in place of the unique carrier identifier

ASN Requirements:

- The ship date in the ASN is the carrier pick-up date and this date should fall within the ship window of the purchase order.
- The ship date in the ASN cannot be greater than 7 days in the future for data being sent early, and it can be no more than 30 days in the past for ASNs being sent late or the data will fail in our backend for 'invalid ship date'.
- ASNs must be available in the DCs receiving system on delivery date to avoid a 'late ASN' chargeback. This will not apply to vendors with a lead time of less than 24hrs to the DC if the ASN is received within the 24hr time frame.
- Original ASNs must contain a unique shipment identification number for each transaction.
- If a replacement ASN is being submitted to correct data errors, the shipment identification number must stay the same and the new data will override the previous data in our system.
- ASNs must be sent per DC shipment, containing all carton data on a single transaction that shipped together on the same trailer to the same DC location.
- Belk does not accept individual single store transactions for multiple store PO shipments.
- Shipments for prepack assortments should only reference the prepack UPC#, prepack quantity, and prepack unit of measure 'AS'. Component information for the prepack should not be referenced.
- '0850' is a dummy store placeholder code for the bulk order. It is not a real store location and should never be shipped on. Once a PO is allocated a release will transmit and replace the bulk order. The release version of the PO is the one that should be shipped when the ship window is reached.
- Each transmission, no matter what the document type, must use a unique ISA control# as our system rejects duplicate ISA#s from the same sender ID

856 Ship Notice/Manifest

Functional Group ID=SH

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information. The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

Notes:

Number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of units shipped (SN102) for each SN1 segment.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	0100	ST	Transaction Set Header	M	1		
M	0200	BSN	Beginning Segment for Ship Notice	M	1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			200000	
M	0100	HL	Hierarchical Level - Shipment	M	1		c1
	1100	TD1	Carrier Details (Quantity and Weight)	O	20		
M	1500	REF	Reference Identification	M	>1		
M	2000	DTM	Date/Time Reference	M	10		
			LOOP ID - N1			200	
M	2200	N1	Name	M	1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			200000	
M	0100	HL	Hierarchical Level - Order	M	1		
M	0500	PRF	Purchase Order Reference	M	1		
M	1500	REF	Reference Identification	M	>1		
			LOOP ID - N1			200	
M	2200	N1	Name	M	1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			200000	
M	0100	HL	Hierarchical Level - Pack	M	1		
M	1900	MAN	Marks and Numbers	M	>1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			200000	
M	0100	HL	Hierarchical Level - Item	M	1		
M	0200	LIN	Item Identification	M	1		
M	0300	SN1	Item Detail (Shipment)	M	1		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	0100	CTT	Transaction Totals	M	1		
M	0200	SE	Transaction Set Trailer	M	1		

Transaction Set Comments

1. The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.

Segment: **ST** **Transaction Set Header**
Position: 0100
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**ST01**	**143**	**Transaction Set Identifier Code** Code uniquely identifying a Transaction Set 856 Ship Notice/Manifest	**M**	**1**	**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 The number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.	**M**	**1**	**AN 4/9**

Segment: **BSN** **Beginning Segment for Ship Notice**
Position: 0200
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**BSN01**	**353**	**Transaction Set Purpose Code** Code identifying purpose of transaction set 00 Original	**M**	**1**	**ID 2/2**
M	**BSN02**	**396**	**Shipment Identification** A unique control number assigned by the original shipper to identify a specific shipment Original ASNs must contain a unique shipment identification number for each transaction. If a replacement ASN is being submitted to correct data errors, the shipment identification number must stay the same and the new data will override the previous data in our system.	**M**	**1**	**AN 2/30**
M	**BSN03**	**373**	**Date** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	**M**	**1**	**DT 8/8**
M	**BSN04**	**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)	**M**	**1**	**TM 4/8**
M	**BSN05**	**1005**	**Hierarchical Structure Code** Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set 0001 Shipment, Order, Packaging, Item	**M**	**1**	**ID 4/4**

Segment: **HL** **Hierarchical Level - Shipment**
Position: 0100
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**HL01**	**628**	**Hierarchical ID Number** A unique number assigned by the sender to identify a particular data segment in a hierarchical structure The value for this level (Shipment) is 1.	**M**	**1**	**AN 1/12**
	HL02	**734**	**Hierarchical Parent ID Number** Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to The value for this level is left null or set as 0.	**O**	**1**	**AN 1/12**
M	**HL03**	**735**	**Hierarchical Level Code** Code defining the characteristic of a level in a hierarchical structure S Shipment	**M**	**1**	**ID 1/2**

Segment: **TD1** **Carrier Details (Quantity and Weight)**
Position: 1100
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: 20
Purpose: To specify the transportation details relative to commodity, weight, and quantity

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
TD101	**103**	**Packaging Code** Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required CTN25 Corrugated or Solid	**O**	**1**	**AN 3/5**
TD102	**80**	**Lading Quantity** Number of units (pieces) of the lading commodity The number of cartons in the shipment.	**X**	**1**	**N0 1/7**
TD106	**187**	**Weight Qualifier** Code defining the type of weight G Gross Weight	**O**	**1**	**ID 1/1**
TD107	**81**	**Weight** Numeric value of weight	**X**	**1**	**R 1/10**
TD108	**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 LB Pound	**X**	**1**	**ID 2/2**

Segment: **REF** **Reference Identification**
Position: 1500
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: >1
Purpose: To specify identifying information

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**REF01**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification BM Bill of Lading Number	**M**	**1**	**ID 2/2**
M	**REF02**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Shipments routed in Transplace, add the Transplace ME#. Approved prepaid shipments or small parcel shipments, add the BOL# or tracking#.	**M**	**1**	**AN 1/30**

Segment: **DTM** **Date/Time Reference**
Position: 2000
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 10
Purpose: To specify pertinent dates and times

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**DTM01**	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time 011 Shipped	**M**	**1**	**ID 3/3**
M	**DTM02**	**373**	**Date** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year Ship date is the carrier pick-up date and should fall within the ship window of the purchase order. For Belk approved POE shipments, the ship date must be when the container is on land headed to the DC.	**M**	**1**	**DT 8/8**

Segment: **N1** **Name**
Position: 2200
Loop: N1 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**N101**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual SF Ship From Ship From is Optional ST Ship To Ship To is Mandatory	**M 1 ID 2/2**
	N103	**66**	**Identification Code Qualifier** Code designating the system/method of code structure used for Identification Code (67) 1 D-U-N-S Number, Dun & Bradstreet Sellers DUNS Number 92 Assigned by Buyer or Buyer's Agent DC Location Number	**X 1 ID 1/2**
	N104	**67**	**Identification Code** Code identifying a party or other code 'Ship From' is the sellers DUNS# 'Ship To' will be one of Belk's 4-digit DC location numbers: 0737 (Blythewood, SC) 0744 (Jackson, MS) 0745 (Jackson, MS - Fine Jewelry Only)	**X 1 AN 2/80**

Segment: **HL** **Hierarchical Level - Order**
Position: 0100
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**HL01**	**628**	**Hierarchical ID Number** A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	**M**	**1**	**AN 1/12**
M	**HL02**	**734**	**Hierarchical Parent ID Number** Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	**M**	**1**	**AN 1/12**
M	**HL03**	**735**	**Hierarchical Level Code** Code defining the characteristic of a level in a hierarchical structure O Order	**M**	**1**	**ID 1/1**

Segment: **PRF** **Purchase Order Reference**
Position: 0500
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To provide reference to a specific purchase order

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**PRF01**	**324**	**Purchase Order Number** Identifying number for Purchase Order assigned by the orderer/purchaser 7-digit identification number assigned to the purchase order	**M**	**1**	**AN 7/7**

Segment: **REF** **Reference Identification**
Position: 1500
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: >1
Purpose: To specify identifying information

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**REF01**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification DP Department Number Department Number is Mandatory IV Seller's Invoice Number Seller's Invoice Number is Optional	**M**	**1**	**ID 2/2**
	REF02	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X**	**1**	**AN 1/30**

Segment: **N1** **Name**
Position: 2200
Loop: N1 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**N101**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual BY Buying Party (Purchaser)	**M**	**1**	**ID 2/2**
	N102	**93**	**Name** Free-form name	**O**	**1**	**AN 1/60**
M	**N103**	**66**	**Identification Code Qualifier** Code designating the system/method of code structure used for Identification Code (67) 92 Assigned by Buyer or Buyer's Agent	**M**	**1**	**ID 2/2**
M	**N104**	**67**	**Identification Code** Code identifying a party or other code 4-digit store# assigned to the carton for cross-docking.	**M**	**1**	**AN 2/6**

Segment: **HL** **Hierarchical Level - Pack**
Position: 0100
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**HL01**	**628**	**Hierarchical ID Number** A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	**M**	**1**	**AN 1/12**
M	**HL02**	**734**	**Hierarchical Parent ID Number** Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	**M**	**1**	**AN 1/12**
M	**HL03**	**735**	**Hierarchical Level Code** Code defining the characteristic of a level in a hierarchical structure P Pack	**M**	**1**	**ID 1/1**

Segment: **MAN** **Marks and Numbers**
Position: 1900
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: >1
Purpose: To indicate identifying marks and numbers for shipping containers

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**MAN01**	**88**	**Marks and Numbers Qualifier** Code specifying the application or source of Marks and Numbers (87) GM SSCC-18 and Application Identifier	**M**	**1**	**ID 2/2**
M	**MAN02**	**87**	**Marks and Numbers** Marks and numbers used to identify a shipment or parts of a shipment The SSCC-18 must include a GS1 company prefix. The application identifier of '00' indicates the SSCC-18 data structure will follow. The SSCC-18 on the ASN data must have a matching GS1-128 carton label on the shipment.	**M**	**1**	**AN 20/20**

Segment: **HL** **Hierarchical Level - Item**
Position: 0100
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**HL01**	**628**	**Hierarchical ID Number** A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	**M**	**1**	**AN 1/12**
M	**HL02**	**734**	**Hierarchical Parent ID Number** Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	**M**	**1**	**AN 1/12**
M	**HL03**	**735**	**Hierarchical Level Code** Code defining the characteristic of a level in a hierarchical structure I Item	**M**	**1**	**ID 1/1**

Segment: **LIN** **Item Identification**
Position: 0200
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify basic item identification data

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**LIN02**	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) EN European Article Number (EAN) (2-5-5-1) UP U.P.C. Consumer Package Code (1-5-5-1)	**M**	**1**	**ID 2/2**
M	**LIN03**	**234**	**Product/Service ID** Identifying number for a product or service EAN numbers are 13 digits UPC numbers are 12 digits	**M**	**1**	**AN 12/13**

Segment: **SN1** **Item Detail (Shipment)**
Position: 0300
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify line-item detail relative to shipment

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
	SN101	**350**	**Assigned Identification** Alphanumeric characters assigned for differentiation within a transaction set	**O**	**1**	**AN 1/20**
M	**SN102**	**382**	**Number of Units Shipped** Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set. Units must be referenced in whole numbers. Assortments must reference the prepack quantity. Component quantity must not be referenced for prepacks.	**M**	**1**	**R 1/10**
M	**SN103**	**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 AS Assortment Product ordered in a prepack assortment EA Each Product ordered by the individual unit or by case pack units	**M**	**1**	**ID 2/2**

Segment: **CTT** **Transaction Totals**
Position: 0100
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**CTT01**	**354**	**Number of Line Items** Total number of line items in the transaction set The total number of HL segments present in the transaction set.	**M**	**1**	**N0 1/6**

Segment: **SE** **Transaction Set Trailer**
Position: 0200
Loop:
Level: Summary
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)

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**SE01**	**96**	**Number of Included Segments** Total number of segments included in a transaction set including ST and SE segments	**M**	**1**	**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 This must be the same number as in the ST segment (ST02) for the transaction set.	**M**	**1**	**AN 4/9**

Consolidated 856 (Eaches) Sample Data

ISA*00* *00* *01*12345678 *08*6123830000*240107*1705*^*00403*000000254*0*P*>~
GS*SH*12345678 *6123830000*20240107*1705*254*X*004030VICS~
ST*856*0001~
BSN*00*0883470001*20240107*1030*0001~
HL*1**S~
TD1*CTN25*3****G*139*LB~
REF*BM*6087000566~
DTM*011*20240107~
N1*ST**92*0737~
HL*2*1*O~
PRF*5053697~
REF*DP*0427~
N1*BY**92*0001~
HL*3*2*P~
MAN*GM*00000701350244079969~
HL*4*3*I~
LIN**UP*041568465222~
SN1**10*EA~
HL*5*1*O~
PRF*5053697~
REF*DP*0427~
N1*BY**92*0006~
HL*6*5*P~
MAN*GM*00000701350244072786~
HL*7*6*I~
LIN**UP*041568465062~
SN1**15*EA~
HL*8*1*O~
PRF*5053697~
REF*DP*0427~
N1*BY**92*0008~
HL*9*8*P~
MAN*GM*00000701350244072786~
HL*10*9*I~
LIN**UP*041568465075~
SN1**15*EA~
CTT*10~
SE*36*0001~
GE*1*254~
IEA*1*000000254~

Consolidated 856 (Prepack Assortment) Sample Data

ISA*00* *00* *01*1234567 *08*6123830000*240107*1705*^*00403*000000255*0*P*>~
GS*SH*1234567*6123830000*20240107*1705*255*X*004030VICS~
ST*856*0001~
BSN*00*0883470001*20240107*1030*0001~
HL*1**S~
TD1*CTN25*3****G*214*LB~
REF*BM*6087000321~

DTM*011*20240107~
N1*ST**92*0744~
HL*2*1*O~
PRF*5038695~
REF*DP*0427~
N1*BY**92*0039~
HL*3*2*P~
MAN*GM*00000701350244079969~
HL*4*3*I~
LIN**UP*041568464314~
SN1**1*AS~
HL*5*3*I~
LIN**UP*041568462356~
SN1**2*AS~
HL*6*1*O~
PRF*5038695~
REF*DP*0427~
N1*BY**92*0044~
HL*7*6*P~
MAN*GM*0000070135024407 2786~
HL*8*7*I~
LIN**UP*041568464314~
SN1**1*AS~
HL*9*7*I~
LIN**UP*041568464356~
SN1**2*AS~
HL*6*1*O~
PRF*5038695~
REF*DP*0427~
N1*BY**92*0124~
HL*7*6*P~
MAN*GM*0000070135024407 2786~
HL*8*7*I~
LIN**UP*041568464314~
SN1**1*AS~
HL*9*7*I~
LIN**UP*041568464356~
SN1**2*AS~
CTT*9~
SE*45*0001~
GE*1*255~
IEA*000000255