

Functional Group ID=SH

Introduction:

This X12 Transaction Set 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.

Heading:

	Pos.	Seg.		Req.		Loop	Notes and
	<u>No.</u>	<u>ID</u>	<u>Name</u>	Des.	Max.Use	Repeat	<u>Comments</u>
M	0150	ISA	Interchange Control Header	M	1		
M	0600	GS	Functional Group Header	М	1		
M	0100	ST	Transaction Set Header	M	1		
M	0200	BSN	Beginning Segment for Ship Notice	М	1		

Detail:

	Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u>	Req. <u>Des.</u>	Max.Use	Loop <u>Repeat</u>	Notes and Comments
			LOOP ID - HL			200000	
M	0100	HL	Hierarchical Shipment Level	М	1		c1
M	1100	TD1	Carrier Details (Quantity and Weight)	M	1		
М	1200	TD5	Carrier Details (Routing Sequence/Transit Time)	М	1		
			LOOP ID - TD3			1	
	1300	TD3	Carrier Details (Equipment)	0	1		
M	1500	REF	Reference Information	M	>1		
	1500	REF	Reference Information	0	>1		
M	2000	DTM	Date/Time Reference	M	10		
	2000	DTM	Date/Time Reference	0	10		
			LOOP ID - N1			200	
M	2200	N1	Party Identification	М	1		
M	2500	N4	Geographic Location	М	1		
			LOOP ID - N1			1	
M	2850	N1	Party Identification	М	1		
M	2875	N3	Party Location	М	1		
M	2888	N4	Geographic Location	М	1		
			LOOP ID - HL			200000	
M	0100	HL	Hierarchical Order Level	М	1		
M	0500	PRF	Purchase Order Reference	М	1		
М	1200	TD5	Carrier Details (Routing Sequence/Transit Time)	М	12		
			LOOP ID - HL			200000	
	0100	HL	Hierarchical Tare Level	0	1		

М	1900	MAN	Marks and Numbers Information	М	>1	
			LOOP ID - HL			200000
	0100	HL	Hierarchical Pack Level	0	1	
М	1900	MAN	Marks and Numbers Information	М	>1	
			LOOP ID - HL			200000
M	0100	HL	Hierarchical Item Level	М	1	
M	0200	LIN	Item Identification	M	1	
M	0300	SN1	Item Detail (Shipment)	M	1	
M	0600	PO4	Item Physical Details	М	1	
M	0700	PID	Product/Item Description	М	200	
	1500	REF	Reference Information	0	>1	
	2000	DTM	Date/Time Reference	Ο	10	

Summary:

	Pos.	Seg.		Req.		Loop	Notes and
	<u>No.</u>	<u>ID</u>	<u>Name</u>	Des.	Max.Use	Repeat	Comments
M	0100	CTT	Transaction Totals	M	1		n1
M	0200	SE	Transaction Set Trailer	M	1		
M	0800	GE	Functional Group Trailer	M	1		
M	1000	IEA	Interchange Control Trailer	M	1		

Transaction Set Notes

1. 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.

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: **ISA** Interchange Control Header

Position: 0150

Loop:

Level: Heading Usage: Mandatory

Max Use: 1

Purpose: To start and identify an interchange of zero or more functional groups and

interchange-related control segments

Syntax Notes:

Notes: ISA*00* *00* *12*12345678 *01*014578892

*061019*1716*<*00501*000000001*0*P*>~

M	Ref. <u>Des.</u> ISA01	Data <u>Element</u> I01	Name Authorization Information Qualifier Code identifying the type of information in the Author	M	tribu 1 nform	ID 2/2	
			00 No Authorization Information Pres Meaningful Information in I02)	sent (No			
М	ISA02	102	Authorization Information Information used for additional identification or authoriterchange sender or the data in the interchange; the information is set by the Authorization Information Quantum properties.	e type of		AN 10/1	10

M	ISA03	103	Security Information Qualifier Code identifying the type of information in the Security No Security Information Present (No Information in I04)		atior	
M	ISA04	104	Security Information This is used for identifying the security information abounterchange sender or the data in the interchange; the information is set by the Security Information Qualifier	type of		AN 10/10
M	ISA05	105	Interchange ID Qualifier Code indicating the system/method of code structure uthe sender or receiver ID element being qualified	M sed to		ID 2/2 gnate
M	ISA06	106	Interchange Sender ID Identification code published by the sender for other pathe receiver ID to route data to them; the sender always value in the sender ID element		use	
M	ISA07	105	Interchange ID Qualifier Code indicating the system/method of code structure uthe sender or receiver ID element being qualified 01 Duns (Dun & Bradstreet)	M used to		ID 2/2 gnate
M	ISA08	107	Interchange Receiver ID Identification code published by the receiver of the data it is used by the sender as their sending ID, thus other to them will use this as a receiving ID to route data to to 14578892 Rite Aid Duns Number	parties	n se	
М	ISA09	108	Interchange Date	M	1	DT 6/6
M	ISA10	109	Date of the interchange Interchange Time Time of the interchange	M	1	TM 4/4
M	ISA11	165	Repetition Separator Type is not applicable; the repetition separator is a delidata element; this field provides the delimiter used to soccurrences of a simple data element or a composite of this value must be different than the data element separator, and the segment terminal As of ASC X12, version 004030, a repetition separator ISA11. The repetition separator must be non-alphabetiand not located within data.	eparatedata structurates struct	ind repuctu	peated re; in
M	ISA12	I 11	Repetition Separator "<" Interchange Control Version Number Code specifying the version number of the interchange segments 00501 Standards Approved for Publication	n by AS	C X	
M	ISA13	l12	Procedures Review Board through Interchange Control Number A control number assigned by the interchange sender	M		NO 9/9
M	ISA14	I13	Acknowledgment Requested Code indicating sender's request for an interchange ac No Interchange Acknowledgment R		dgm	ID 1/1 nent
M	ISA15	I14	Interchange Usage Indicator Code indicating whether data enclosed by this interchatest, production or information Refer to 005010 Data Element Dictionary for acceptable	M ange en	1 ivelo	
M	ISA16	l15	Component Element Separator Type is not applicable; the component element separar and not a data element; this field provides the delimiter separate component data elements within a composite this value must be different than the data element separate segment terminator	M tor is a r used t e data s	1 delii o truct	AN 1/1 miter ture;

GS Functional Group Header Segment:

0600 Position:

Loop:

Level: Heading Mandatory Usage:

To indicate the beginning of a functional group and to provide control information

Max Use: Purpose: Syntax Notes:

	Ref.	Data	•			
	Des.	Element		Attrik		•
М	GS01	479	Functional Identifier Code N	-	1 ID	2/2
			Code identifying a group of application related transaction	sets		
			SH Ship Notice/Manifest (856)			
М	GS02	142	Application Sender's Code	-		N 2/15
			Code identifying party sending transmission; codes agreed	to by	tradi	ng
М	GS03	124	partners Application Receiver's Code N		1 AN	N 2/15
IVI	0303	124	Code identifying party receiving transmission; codes agree	•		1 2/13
			trading partners	u 10 b	y	
			Rite Aid Duns Number 014578892			
			This is the Rite Aid Corporation DUNS Number "Rite Aid H	eadqı	uarter	s
			Corp"			_
М	GS04	373	Date N		1 DT	Г 8/8
			Date expressed as CCYYMMDD where CC represents the	first t	wo	
М	GS05	337	digits of the calendar year Time		1 TN	/I 4/8
IVI	G303	331	Time expressed in 24-hour clock time as follows: HHMM, of	-		
			or HHMMSSD, or HHMMSSDD, where H = hours (00-23),			
			(00-59), S = integer seconds (00-59) and DD = decimal se			
			decimal seconds are expressed as follows: D = tenths (0-9) and	DD =	=
			hundredths (00-99)			_
М	GS06	28	Group Control Number N		1 NO	1/9
			Assigned number originated and maintained by the sender			
М	GS07	455	Responsible Agency Code N		1 ID	1/2
			Code identifying the issuer of the standard; this code is use conjunction with Data Element 480	ea in		
			X Accredited Standards Committee X12			
М	GS08	480	Version / Release / Industry Identifier Code N		1 ΔΝ	N 1/12
	G508	700	Code indicating the version, release, subrelease, and indu	-		
			of the EDI standard being used, including the GS and GE			
			005010 Standards Approved for Publication by			
			Procedures Review Board through Oct			

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

Syntax Notes:

Data Element Summary

М	Ref. <u>Des.</u> ST01	Data <u>Element</u> 143	Transactio	n Set Identifier Code	Att M		utes ID 3/3
			856	ely identifying a Transaction Set Ship Notice/Manifest			
М	ST02	329	Identifying of	n Set Control Number control number that must be unique within the roup assigned by the originator for a transact		act	AN 4/9 on set

Segment: BSN Beginning Segment for Ship Notice

Position: 0200

Loop:

Level: Heading Usage: Mandatory

Max Use:

Purpose: To transmit identifying numbers, dates, and other basic data relating to the

transaction set

Syntax Notes: 1 If BSN07 is present, then BSN06 is required.

Notes: BSN*00*123456789*20061019*1957~

BSN*00*123456789*20061019*1957*0004~

Date formats - All dates within the ASN use the format as specified in the Data Element Table 373 (CCYYMMDD). This format does not permit the use of non-numeric characters ("/" or "-"). Time formats. The time is based on a 24 hour

clock where HH = (00-23) and MM = (00-59)

			Dala Elellie	eni Summary			
	Ref.	Data					
	Des.	Element	<u>Name</u>		Attr	ibu	<u>ites</u>
M	BSN01	353	Transaction Set I	Purpose Code	M	1	ID 2/2
			Code identifying p	ourpose of transaction set			
			00	Original			
M	BSN02	396	Shipment Identifi	ication	M	1	AN 2/30
			A unique control n specific shipment	number assigned by the original shippe	er to ide	enti	fy a
M	BSN03	373	ASN Create Date		M	1	DT 8/8
			Date expressed as digits of the calend	s CCYYMMDD where CC represents t dar year	the first	tw	0
M	BSN04	337	Time		M	1	TM 4/8
			•	n 24-hour clock time as follows: HHMM 00-23), M = minutes (00-59)	1, or H	HMI	MSS,,
	BSN05	1005	Hierarchical Stru	cture Code	0	1	ID 4/4
			Code indicating th	Code indicating the hierarchical application structure of a transacti			
			set that utilizes the	e HL segment to define the structure o	f the tra	ans	action
			set				
			0001	Shipment, Order, Packaging, Item			
			0002	Shipment, Order, Item, Packaging			

0004

Segment: HL Hierarchical Shipment Level

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

Syntax Notes:

Notes: HL*1**S~

Data Element Summary

	Ret.	Data		
	<u>Des.</u>	Element	<u>Name</u>	<u>Attributes</u>
M	HL01	628	Hierarchical ID Number	M 1 AN 1/12
			A unique number assigned by the sender to ider segment in a hierarchical structure	ntify a particular data
M	HL03	735	Hierarchical Level Code	M 1 ID 1/2
			Code defining the characteristic of a level in a hi	erarchical structure
			S Shipment	

Segment: TD1 Carrier Details (Quantity and Weight)

Position: 1100

Loop: HL Mandatory

Level: Detail Usage: Mandatory

Max Use: 1

Ref.

Purpose: To specify the transportation details relative to commodity, weight, and quantity

Syntax Notes: 1 If TD101 is present, then TD102 is required.

2 If TD103 is present, then TD104 is required.3 If TD106 is present, then TD107 is required.

If either TD107 or TD108 is present, then the other is required.
If either TD109 or TD110 is present, then the other is required.

Notes: TD1*PLT*57****G*120*LB*40*CF~

Carrier Details (Quantity and Weight)

The TD1segment is mandatory. All required fields must be present including the

TD101 packing code.

The TD108 'Weight' 'Weight Unit of Measure' must have a value of either LB or

KG.

Data

The TD110 'Volume' 'Volume Unit of Measure' must have a value of CF.

	11011	Data					
	Des.	<u>Element</u>	<u>Name</u>		At	tribu	<u>ıtes</u>
M	TD101	103	Packaging	Code	M	1	AN 3/5
			Code identi	fying the type of packaging; Part 1: Packa	iging For	m, F	Part 2:
			Packaging required	Material; if the Data Element is used, ther	Part 1 is	alw	<i>ı</i> ays
			Refer to 00	5010 Data Element Dictionary for accepta	ble code	valu	ues.
M	TD102	80	Lading Qu Number of	antity units (pieces) of the lading commodity	M	1	N0 1/7
M	TD106	187	Weight Qu Code defini	alifier ng the type of weight	M	1	ID 1/2
			G	Gross Weight			
M	TD107	81	Weight	-	M	1	R 1/10
X12-5010	0-856 (005010)		3	7	Febru	ary 2	27, 2019

Numeric value of weight

M TD108 355 Unit or Basis for Measurement Code M 1 ID 2/2

Code specifying the units in which a value is being expressed, or

manner in which a measurement has been taken

KG Kilogram LB Pound

TD109 183 Volume O 1 R 1/8

Value of volumetric measure

TD110 355 Unit or Basis for Measurement Code O 1 ID 2/2

Code specifying the units in which a value is being expressed, or

manner in which a measurement has been taken

CF Cubic Feet

Segment: TD5 Carrier Details (Routing Sequence/Transit Time)

Position: 1200

Loop: HL Mandatory

Level: Detail Usage: Mandatory

Max Use: 1

Dof

Purpose: To specify the carrier and sequence of routing and provide transit time

information

Syntax Notes: 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.

2 If TD502 is present, then TD503 is required.

Notes: TD5**2*FDEG*M*Fedex Ground*CC~

Status is required at all three levels, Shipment, Order and Item level TD506 in Shipment level, TD506 in Order level and SN108 in Item level.

Carrier Details -TD5 03 Carriers ID 'SCAC' code is required. Be sure that you are providing the four alpha-characters of the carrier. The customer pick up 'SCAC'

code is RTAD.

Data

TD504 'Transportation Method Code' is also a required field. Be sure that you are

providing the correct 'Transportation Method Code'.

	Ret.	Data						
	<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attri</u>	ibι	<u>utes</u>	
M	TD502	66	Identification Co	de Qualifier	M	1	ID 1/2	
			Code designating	the system/method of code structure	used for	r		
			Identification Cod	e (67)				
			2	Standard Carrier Alpha Code (SCAC	()			
M	TD503	67	Identification Co	ode	М	1	AN 2/80	
			Code identifying a	a party or other code				
М	TD504	91	Transportation N	Method/Type Code	M	1	ID 1/2	
			Code specifying the method or type of transportation for the shipment					
			Any valid ANSI co	ode				
M	TD505	387	Routing		M	1	AN 1/35	
			Free-form descrip	tion of the routing or requested routing	for shi	pm	nent,	
			or the originating	carrier's identity				
M	TD506	368	Shipment/Order	Status Code	M	1	ID 2/2	
			Code indicating th	ne status of an order or shipment or the	e dispos	sitio	on of	
			any difference bet	tween the quantity ordered and the qu	antity sh	nip	ped	
			for a line item or t	ransaction				
			CC	Shipment Complete on (Date)				
			CP	Partial Shipment on (Date), Conside	red No			
				Backorder				
			PD	Purchase Order Complete				
			PR	Partial Shipment				
			SH	Shipped (Date)				

A shipment or performance made according to the

terms and conditions of a contract

Segment: TD3 carrier Details (Equipment)

Position: 1300

Loop: TD3 Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To specify transportation details relating to the equipment used by the carrier

Syntax Notes: 1 Only one of TD301 or TD310 may be present.

2 If TD302 is present, then TD303 is required.
3 If TD304 is present, then TD305 is required.

4 If either TD305 or TD306 is present, then the other is required.

Notes: TD3*AC*ZZ*12345~

Data Element Summary

	Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>	<u>Att</u> ı	ribu	<u>ıtes</u>
М	TD301	40	Equipment Description Code	М	1	ID 2/2
			Code identifying type of equipment used for shipment			
			Refer to 005010 Data Element Dictionary for acceptable	code	valu	ies.
M	TD302	206	Equipment Initial	M	1	AN 1/4
			Prefix or alphabetic part of an equipment unit's identifyir	ng num	ber	
M	TD303	207	Equipment Number	M	1	AN 1/15
			Sequencing or serial part of an equipment unit's identify (pure numeric form for equipment number is preferred)	ing nur	nbe	er

Segment: **REF** Reference Information

Position: 1500

Loop: HL Mandatory

Level: Detail Usage: Mandatory

Max Use: >1

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required.
If either C04005 or C04006 is present, then the other is required.

Notes: REF*BM*X1234567890~

М	Ref. <u>Des.</u> REF01	Data Element 128		Identification Qualifier ying the Reference Identification	<u>At</u> M	tribu 1	utes ID 2/3
			BM	Bill of Lading Number			
М	REF02	127	Reference	Identification	M	1	AN 1/50
			Reference in	nformation as defined for a particular Trans	action	Set	or as
			specified by	the Reference Identification Qualifier			
			Bill of Ladin	g Number			

Segment: REF Reference Information

Position: 1500

Loop: HL Mandatory

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required.
 If either C04005 or C04006 is present, then the other is required.

Notes: REF*CN*Y0987654321~

CARRIER'S PRO# (REF*CN)

This value is key in matching the vendor's ASN data to the carrier's shipment status data. This value MUST be the carrier's PRO# as it is sent in the 214 shipment status. If you are currently not capable of providing the PRO #, do not

send this segment.

Data Element Summary

	Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>		<u> Attri</u>	<u>bu</u>	tes
M	REF01	128	Reference Ident	ification Qualifier	M	1	ID 2/3
			Code qualifying t	he Reference Identification			
			CN	Carrier's Reference Number (PRO/In	ivoice)		
М	REF02	127	Reference Ident	ification	M	1	AN 1/50
				ation as defined for a particular Transa Reference Identification Qualifier	ction Se	et c	or as
			Carrier Reference	e Number (PRO#)			

Segment: DTM Date/Time Reference

Position: 2000

Loop: HL Mandatory

Level: Detail
Usage: Mandatory

Max Use: 10

Purpose: To specify pertinent dates and times

Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.

If DTM04 is present, then DTM03 is required.

If either DTM05 or DTM06 is present, then the other is required.

Notes: DTM*011*20061020*1530~

SHIP DATE and TIME (DTM*011)

The shipment date and time are both mandatory fields. This information is used

as a basis for

determining if the ASN was received within 24 hours of the ship date and time.

ASNs are expected and processed 7 days a week.

Date formats

All dates within the ASN use the format as specified in the Data Element Table 373 (CCYYMMDD). This format does not permit the use of non-numeric

characters ("/"or "-").

Time formats

The time is based on a 24 hour clock where HH = (00-23) and MM = (00-59).

Data Element Summary

	Ref. Des.	Data Element	Name	Attr	ibuí	tes
М	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and ti	M		ID 3/3
			011 Shipped			
М	DTM02	373	Date Date expressed as CCYYMMDD where CC represents to digits of the calendar year Ship Date	M the first	-	DT 8/8
M	DTM03	337	Time Time expressed in 24-hour clock time as follows: HHMN or HHMMSSD, or HHMMSSDD, where H = hours (00-23 (00-59), S = integer seconds (00-59) and DD = decimal decimal seconds are expressed as follows: D = tenths (hundredths (00-99)	3), M = second	- HMN min ds;	utes

Segment: DTM Date/Time Reference

Position: 2000

Loop: HL Mandatory

Level: Detail
Usage: Optional
Max Use: 10

Purpose: To specify pertinent dates and times

Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.

2 If DTM04 is present, then DTM03 is required.

3 If either DTM05 or DTM06 is present, then the other is required.

Notes: DTM*067*20061020*1530~

Date formats

All dates within the ASN use the format as specified in the Data Element Table 373 (CCYYMMDD). This format does not permit the use of non-numeric

characters ("/" or "-").

Time formats

The time is based on a 24 hour clock where HH = (00-23) and MM = (00-59).

	Ret.	Data				
	Des.	Element	<u>Name</u>	<u>Attri</u>	bu	<u>tes</u>
M	DTM01	374	Date/Time Qualifier	M	1	ID 3/3
			Code specifying type of date or time, or both date and tir	ne		
			067 Current Schedule Delivery			
M	DTM02	373	Date	M	1	DT 8/8
			Date expressed as CCYYMMDD where CC represents t	he first	two	o
			digits of the calendar year			
	DTM03	337	Time	0	1	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM or HHMMSSD, or HHMMSSDD, where $H = hours$ (00-23 (00-59), $S = integer$ seconds (00-59) and $DD = decimal$ decimal seconds are expressed as follows: $D = tenths$ (0 hundredths (00-99)	B), M = 1 second:	mir s;	nutes

Segment: N1 Party Identification

Position: 2200

Loop: N1 Mandatory

Level: Detail Usage: Mandatory

Max Use: 1

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: 1 At least one of N102 or N103 is required.

2 If either N103 or N104 is present, then the other is required.

Notes: N1*SF*VENDOR WAREHOUSE~

Data Element Summary

М	Ref. <u>Des.</u> N101	Data <u>Element</u> 98	Name Entity Identifier	Code	Att M	ributes 1 ID 2/3
			•	an organizational entity, a phys Ship From	sical location, p	property or
M	N102	93	Name Free-form name		М	1 AN 1/60
			Location name of	shipment origin		

Segment: N4 Geographic Location

Position: 2500

Loop: N1 Mandatory

Level: Detail Usage: Mandatory

Max Use: 1

Purpose: To specify the geographic place of the named party **Syntax Notes:** 1 Only one of N402 or N407 may be present.

2 If N406 is present, then N405 is required.3 If N407 is present, then N404 is required.

Notes: N4*HARRISBURG*PA*12345~

M	Ref. <u>Des.</u> N401	Data <u>Element</u> 19	Name City Name Free-form text for city name	<u>Attı</u> M	ribu 1	<u>ites</u> AN 2/30
			Location city name of shipment origin			
M	N402	156	State or Province Code Code (Standard State/Province) as defined by appropria agency Location state name of shipment origin	M ate gov	1 ern	ID 2/2 ment
M	N403	116	Postal Code Code defining international postal zone code excluding blanks (zip code for United States) Location zipcode of shipment origin	M punctu	1 atio	ID 3/15 n and

Segment: N1 Party Identification

Position: 2850

Loop: N1 Mandatory

Level: Detail
Usage: Mandatory

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: 1 At least one of N102 or N103 is required.

2 If either N103 or N104 is present, then the other is required.

Data Element Summary

M	Ref. <u>Des.</u> N101	Data <u>Element</u> 98	an individual	n organizational entity, a physical loca	<u>Attr</u> M tion, pr	1	ID 2/3
М	N102	93	ST Name	Ship To	М	1	AN 1/60
1102		30	Free-form name		•••	•	AIT 1700
		Rite Aid DC Name					
M	N103	N103 66	Identification Cod Code designating t Identification Code	he system/method of code structure ι	M used fo	1	ID 1/2
			9	D-U-N-S+4, D-U-N-S Number with Fo Suffix	our Cha	ara	cter
М	N104	67	Identification Code Code identifying a	le party or other code	M	1	AN 2/80
			Refer to http://www.Aid Duns+4	v.riteaidediservices.com/distribution-ce	enters/	for	Rite

Segment: N3 Party Location

Position: 2875

Loop: N1 Mandatory

Level: Detail Usage: Mandatory

Max Use: 1

Purpose: To specify the location of the named party

Syntax Notes:

Data Element Summary

 Ref.
 Data

 Des.
 Element
 Name

 M
 N301
 166
 Address Information
 M
 1 AN 1/55

Address information Rite Aid DC Address

Segment: N4 Geographic Location

Position: 2888

Loop: N1 Mandatory

Level: Detail
Usage: Mandatory

Max Use: 1

Purpose: To specify the geographic place of the named partySyntax Notes: 1 Only one of N402 or N407 may be present.

- 2 If N406 is present, then N405 is required.
- 3 If N407 is present, then N404 is required.

Data Element Summary

М	Ref. <u>Des.</u> N401	Data <u>Element</u> 19	Name City Name Free-form text for city name Rite Aid DC City	Attr M	ibu 1	<u>ites</u> AN 2/30
M	N402	156	State or Province Code Code (Standard State/Province) as defined by appropria agency Rite Aid DC State	M ate gov	1 ern	ID 2/2 ment
M	N403	116	Postal Code Code defining international postal zone code excluding blanks (zip code for United States) Rite Aid DC Zip Code	M punctu	1 atio	ID 3/15 n and

Segment: HL Hierarchical Order Level

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

Syntax Notes:

Notes: HL*2**O~

Data Element Summary

	Des.	Element	<u>Name</u>	<u>Attributes</u>
M	HL01	628	Hierarchical ID Number	M 1 AN 1/12
			A unique number assigned by the sender to ide segment in a hierarchical structure	entify a particular data
M	HL03	735	Hierarchical Level Code	M 1 ID 1/2
			Code defining the characteristic of a level in a h	nierarchical structure
			O Order	

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

Syntax Notes:

Notes: PRF*1234567~

Data Element Summary

Ref. Data

Des.ElementNameAttributesMPRF01324Purchase Order NumberM1 AN 1/22

Identifying number for Purchase Order assigned by the

orderer/purchaser

Rite Aid's PO Number

Segment: TD5 carrier Details (Routing Sequence/Transit Time)

Position: 1200

Loop: HL Mandatory

Level: Detail
Usage: Mandatory

Max Use: 12

Purpose: To specify the carrier and sequence of routing and provide transit time

information

Syntax Notes: 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.

2 If TD502 is present, then TD503 is required.

Notes: TD5*****PD~

Status is required at all three levels, Shipment, Order and Item level TD506 in Shipment level, TD506 in Order level and SN108 in Item level.

Data Element Summary

	Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>	·	<u>Attri</u>	butes
M	TD506	368	Shipment/Order	Status Code	M	1 ID 2/2
			any difference be	he status of an order or shipment or the tween the quantity ordered and the qu		
			for a line item or			
			CC	Shipment Complete on (Date)		
			СР	Partial Shipment on (Date), Conside Backorder	red No	
			PD	Purchase Order Complete		
			PR	Partial Shipment		
			SH	Shipped (Date)		
			SJ	Shipped or Performed as Indicated		
				A shipment or performance made acterms and conditions of a contract	cording	to the

Segment: HL Hierarchical Tare Level

Position: 0100

Loop: HL Optional

Level: Detail
Usage: Optional
Max Use: 1

Purpose: To identify dependencies among and the content of hierarchically related groups

of data segments

Syntax Notes:

Notes: HL*3**T~

Tare and Pack levels are optional now. However label scanning is expected to be

implemented at a future date at which time Tare and Pack levels will be

mandatory for label compliance.

	Ref.	Data	•			
	Des.	Element	<u>Name</u>	<u>Attr</u>	<u>ibu</u>	<u>tes</u>
M	HL01	628	Hierarchical ID Number	M	1	AN 1/12
			A unique number assigned by the sender to identify a passegment in a hierarchical structure	articula	r da	ıta
M	HL03	735	Hierarchical Level Code	M	1	ID 1/2
			Code defining the characteristic of a level in a hierarchic	al struc	ctur	е
			T Shipping Tare			

MAN Marks and Numbers Information Segment:

Position: 1900

> HL Loop: Optional

Level: Detail Usage: Mandatory

Max Use: >1

Purpose: To indicate identifying marks and numbers for shipping containers **Syntax Notes:** If either MAN04 or MAN05 is present, then the other is required.

If MAN06 is present, then MAN05 is required.

Notes: MAN*GM*0123456789~

The Man segment is only mandatory if Tare Hierarchical Level HL is present

Data Element Summary

Ref. **Data**

Des. **Attributes Element Name** Marks and Numbers Qualifier 1 ID 1/2 MAN01 88

> Code specifying the application or source of Marks and Numbers (87) EAN.UCC Serial Shipping Container Code (SSCC)

and Application Identifier

M MAN02 87 **Marks and Numbers**

Marks and numbers used to identify a shipment or parts of a shipment

HL Hierarchical Pack Level Segment:

Position: 0100

> Loop: HL Optional

Level: Detail Usage: Optional

Max Use:

Ref.

Purpose: To identify dependencies among and the content of hierarchically related groups

of data segments

Syntax Notes:

M

M

HL*3**P~ Notes:

Tare and Pack levels are optional now. However label scanning is expected to be

implemented at a future date at which time Tare and Pack

levels will be mandatory for label compliance.

Data Element Summary

Des. **Element Name** HL01 628

Attributes **Hierarchical ID Number** 1 AN 1/12

A unique number assigned by the sender to identify a particular data

segment in a hierarchical structure

Hierarchical Level Code M HL03 735 1 ID 1/2

Code defining the characteristic of a level in a hierarchical structure

Pack

MAN Marks and Numbers Information Segment:

Position: 1900

> Loop: HL Optional

Data

Level: Detail Usage: Mandatory

Max Use:

To indicate identifying marks and numbers for shipping containers Purpose: If either MAN04 or MAN05 is present, then the other is required. Syntax Notes: 1

If MAN06 is present, then MAN05 is required.

Notes: MAN*GM*0123456789~

• The Man segment is only mandatory if Pack Hierarchical Level HL is present

Data Element Summary

Ref. Data Des. **Element Name Attributes** M **MAN01** 88 **Marks and Numbers Qualifier** 1 ID 1/2 Code specifying the application or source of Marks and Numbers (87) GM EAN.UCC Serial Shipping Container Code (SSCC) and Application Identifier MAN02 87 **Marks and Numbers** 1 AN 1/48 M Marks and numbers used to identify a shipment or parts of a shipment

Segment: HL Hierarchical Item Level

Position: 0100

Loop: HL Mandatory

Level: Detail Usage: Mandatory

Max Use:

Purpose: To identify dependencies among and the content of hierarchically related groups

of data segments

Syntax Notes:

Notes: HL*4**3~

Data Element Summary

Ref. Data Des. **Element Name Attributes Hierarchical ID Number** М HL01 628 1 AN 1/12 A unique number assigned by the sender to identify a particular data segment in a hierarchical structure M HL03 735 **Hierarchical Level Code** Code defining the characteristic of a level in a hierarchical structure ı Item

Segment: LIN Item Identification

Position: 0200

Loop: HL Mandatory

Level: Detail
Usage: Mandatory

Max Use: 1

Purpose: To specify basic item identification data

Syntax Notes: 1 If either LIN04 or LIN05 is present, then the other is required.

2 If either LIN06 or LIN07 is present, then the other is required.

Notes: LIN**IN*1234567~

LIN**UI*12345678901*IN*1234567~ LIN**UP*123456789012*IN*1234567~ LIN**UA*123456789012*IN*1234567~

LIN**UA*123456789012*IN*1234567*UI*12345678901*UP*123456789012~

LIN**UK*12345678901234*IN*1234567~

LIN**VN*01020304*IN*1234567*UI*12345678901~

LIN**EN*1234567890123*IN*1234567~ 1.LIN02 and LIN03 must not be null.

2. At least 1 of the above qualifier/ID combinations is mandatory.

3. The qualifier/ID combination may appear in any order.

4. RITE AID requires the same item number and qualifier to be returned on the

ASN that was sent in the original purchase order.

5.ID length specified corresponds to its preceding qualifier.

RITE AID ITEM NUMBER USAGE

- 1. Rite Aid's item number, if available, should be returned.
- 2. Rite Aid's item number is always sent in the Purchase Order.
- 3. The "IN" qualifier MUST be used ONLY in conjunction with Rite Aid's item number.
- 4. Please follow X12 guidelines for correct qualifier use with UPC codes or vendor item numbers.

Data Element Summary

	Ref.	Data		•		
	Des.	Element			<u>Attrib</u>	utes
	LIN01	350	Assigned Identifi	cation	0 1	1 AN 1/20
			Alphanumeric cha	racters assigned for differentiation wit	hin a	
			transaction set			
М	LIN02	235	Product/Service			1 ID 2/2
			, ,	ne type/source of the descriptive numb	er used	ın
			Product/Service II IN	Buyer's Item Number		
М	LIN03	234	Product/Service	•	M	1 AN 1/48
IVI	LINUS	234		סוי r for a product or service	IVI	1 AN 1/40
			Rite Aid's Item Nu			
М	LIN04	235	Product/Service			1 ID 2/2
				ne type/source of the descriptive numb	er used	in
			Product/Service ID EN	(234) EAN/UCC - 13		
			LIN			.1
				Data structure for the 13 digit EAN.U International.Uniform Code Council)		
				Identification Number (GTIN)	Clobal I	laac
			ND	National Drug Code (NDC)		
			UA	U.P.C./EAN Case Code (2-5-5)		
			UI	U.P.C. Consumer Package Code (1-	5-5)	
			UK	GTIN 14-digit Data Structure		
				Data structure for the 14 digit EAN.U	CC (EAN	1
				International.Uniform Code Council)	Global T	rade
			LID	Item Number (GTIN)		
			UP	UCC - 12	100 (E A A	
				Data structure for the 12 digit EAN.U International.Uniform Code Council)		
				Identification Number (GTIN). Also k		
				Universal Product Code (U.P.C.)	anown ao	1110
			VN	Vendor's (Seller's) Item Number		
M	LIN05	234	Product/Service	ID	M	1 AN 1/48
			Identifying numbe	r for a product or service		

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

Syntax Notes: 1 If either SN105 or SN106 is present, then the other is required.

Notes: SN1**13*CA*13*13*CA**AC~

Status is required at all three levels, Shipment, Order and Item level TD506 in Shipment level, TD506 in Order level and SN108 in Item level. UNIT OF MEASURE (SN1 03) - The shipping unit of measure (CA or EA) in this element should match the order unit of measure sent in the Rite Aid purchase order.

Data Element Summary

	Ref.	Data	2444 210111	on Cumma,			
	Des.	Element	<u>Name</u>		<u>Attı</u>	ribu	<u>ıtes</u>
M	SN102	382	Number of Units		M	1	R 1/10
				units shipped in manufacturer's shippi	ng unit	s fo	ra
М	SN103	355	line item or transa	Measurement Code	М	1	ID 2/2
IVI	514105	333		he units in which a value is being expr		-	ID Z/Z
			. , ,	a measurement has been taken	,		
			CA	Case			
			EA	Each			
	SN104	646	Quantity Shipped	d to Date	0	1	R 1/15
			Number of units s	hipped to date			
	SN105	380	Quantity		0	1	R 1/15
			Numeric value of	quantity			
	SN106	355	Unit or Basis for	Measurement Code	0	1	ID 2/2
				he units in which a value is being expr	essed,	or	
			manner in which a	a measurement has been taken Case			
			EA	Each			
М	SN108	668	Line Item Status		М	4	ID 2/2
IVI	311100	000		he action taken by the seller on a line		-	
			by the buyer	The detion taken by the defici on a line		que	olou
				If Item quantity > 0			
			AC	Item Accepted and Shipped			
			BP	Item Accepted - Partial Shipment, Ba	alance		
				Backordered			
			IB	If Item quantity = 0 Item Backordered			
			IC	Item Accepted - Changes Made			
			ID	Item Deleted			
			IE	Item Accepted, Price Pending			
			IH	Item on Hold			
			IP	Item Accepted - Price Changed			
			 IQ	Item Accepted - Quantity Changed			
			IR	Item Rejected			
			IS	Item Accepted - Substitution Made			
			IW	Item on Hold-Waiver Required			
			R2	Item Rejected, Invalid Item Product I	Numbe	r	
			R3	Item Rejected, Invalid Unit of Issue		-	

Segment: PO4 Item Physical Details

Position: 0600

Loop: HL Mandatory

Level: Detail
Usage: Mandatory

Max Use:

Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to

the item

Syntax Notes: 1 If either PO402 or PO403 is present, then the other is required.

2 If PO405 is present, then PO406 is required.

3 If either PO406 or PO407 is present, then the other is required.

4 If either PO408 or PO409 is present, then the other is required.

5 If PO410 is present, then PO413 is required.

If PO411 is present, then PO413 is required.If PO412 is present, then PO413 is required.

8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.

9 If PO417 is present, then PO416 is required.

10 If PO418 is present, then PO404 is required.

Notes: PO4*24*12*OZ*********6~

PO4*600*20*PC********10~

First Example: one case of cola (12 oz cans; 4 6-packs):

Second Example: one case of cigarettes (20 pc packs; 60 cartons of 10 packs):

Data Element Summary

	Ref.	Data				
	Des.	Element	<u>Name</u>	Attributes		<u>ıtes</u>
М	PO401	356	Pack	M	1	N0 1/6
			The number of inner containers, or number of eaches if inner containers, per outer container	there	are	no
	PO402	357	Size	X	1	R 1/8
			Size of supplier units in pack			
	PO403	355	Unit or Basis for Measurement Code	X	1	ID 2/2
			Code specifying the units in which a value is being experiment in which a measurement has been taken Refer to 005010 Data Element Dictionary for acceptable			ues.
	PO414	810	Inner Pack	0	1	NO 1/6
			The number of eaches per inner container			

Segment: PID Product/Item Description

Position: 0700

Loop: HL Mandatory

Level: Detail
Usage: Mandatory
Max Use: 200

Purpose: To describe a product or process in coded or free-form format

Syntax Notes: 1 If PID04 is present, then PID03 is required.

At least one of PID04 or PID05 is required.
If PID07 is present, then PID03 is required.
If PID08 is present, then PID04 is required.
If PID09 is present, then PID05 is required.

Notes: PID*F****ITEM DESCRIPTION~

Data Element Summary

Ref. **Data** Des. **Element Name Attributes** PID01 **Item Description Type** 1 ID 1/1 M 349 Code indicating the format of a description Free-form M PID05 352 Description M 1 AN 1/80 A free-form description to clarify the related data elements and their

Segment: REF Reference Information

Position: 1500

Loop: HL Mandatory

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required.
 If either C04005 or C04006 is present, then the other is required.

Data Element Summary

M	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	Name Reference Identification Qualifier Code qualifying the Reference Identification	At M	tributes 1 ID 2/3
			LT Lot Number		
M	REF02	127	Reference Identification	M	1 AN 1/50
			Reference information as defined for a particular Transspecified by the Reference Identification Qualifier	saction	Set or as

Segment: **DTM** Date/Time Reference

Position: 2000

DTM02

M

Loop: HL Mandatory

Level: Detail
Usage: Optional
Max Use: 10

Purpose: To specify pertinent dates and times

Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.

2 If DTM04 is present, then DTM03 is required.

3 If either DTM05 or DTM06 is present, then the other is required.

Notes: DTM*036*20061214~

373

Date

The Expiration Date is mandatory if applicable to product.

Date formats - All dates within the ASN use the format as specified in the Data

Element Table 373 (CCYYMMDD). This format does not permit the use of non-numeric characters ("/" or "-").

Data Element Summary

 Ref.
 Data

 Des.
 Element
 Name
 Attributes

 M
 DTM01
 374
 Date/Time Qualifier
 M
 1 ID 3/3

Code specifying type of date or time, or both date and time

036 Expiration

Date coverage expires

М

1 DT 8/8

X12-5010-856 (005010) 21 February 27, 2019

Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Expiration Date - Mandatory if applicable to product.

CTT Transaction Totals Segment:

Position: 0100

Loop:

Level: Summary Mandatory Usage:

Max Use:

Purpose: To transmit a hash total for a specific element in the transaction set **Syntax Notes:** If either CTT03 or CTT04 is present, then the other is required. 1 If either CTT05 or CTT06 is present, then the other is required.

Data Element Summary

Ref. Data

Element Name Attributes Des. **Number of Line Items** CTT01 354 1 N0 1/6

Total number of HL segments in the transaction set

SE Transaction Set Trailer Segment:

Position: 0200

Loop:

Level: Summary Mandatory Usage:

Max Use:

Purpose: To indicate the end of the transaction set and provide the count of the transmitted

segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:

M

Data Element Summary

	Ref.	Data		_			
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>			
M	SE01	96	Number of Included Segments	M	1	N0 1/10	
			Total number of segments included in a transaction set and SE segments	includi	ng S	3T	
М	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the functional group assigned by the originator for a transaction.			AN 4/9 on set	

GE Functional Group Trailer Segment:

0800 Position:

Loop:

Level: Summary Usage: Mandatory

Max Use:

Purpose: To indicate the end of a functional group and to provide control information

Syntax Notes:

	Ref.	Data	·			
	Des.	Element	<u>Name</u>	Att	<u>ribu</u>	<u>tes</u>
M	GE01	97	Number of Transaction Sets Included	M	1	N0 1/6

interchange (transmission) group terminated by the trailer containing

this data element

M GE02 28 Group Control Number M 1 N0 1/9

Assigned number originated and maintained by the sender

Segment: **IEA** Interchange Control Trailer

Position: 1000

Loop:

Level: Summary Usage: Mandatory

Max Use: 1

Purpose: To define the end of an interchange of zero or more functional groups and

interchange-related control segments

Syntax Notes:

	Ret. <u>Des.</u>	Data <u>Element</u>	Name	Att	ribu	tes	
M	IEA01	I16	Number of Included Functional Groups A count of the number of functional groups included in	M an inter	-	N0 1 nge	/5
M	IEA02	l12	Interchange Control Number A control number assigned by the interchange sender	M	1	N0 9	9/9

Sample 856 EDI Document

ISA*00* *12*5550023263 *01*014578892 *00* *131112*1032*^*00501*000001891*0*P*>~ GS*SH*5550023263*014578892*20131112*103203*673230873*X*005010~ ST*856*673230873~ BSN*00*111202*20131112*1032*0001~ HL*1**S~ TD1*PLT94*1464****G*189.250*LB*189.250*CF~ TD5**2*RDWY*M**CC~ REF*BM*6409527138~ DTM*011*20131111*1930~ N1*SF*VENDOR NAME~ N4*RIVERSIDE*CA*92507~ N1*ST*RITE AID WILSONVILLEDIST CENTER*9*0145788920080~ N3*29555 SW BOONES FERRY ROAD~ N4*WILSONVILLE*OR*97070~ HL*2**O~ PRF*6013687~ TD5*****CC~ HL*3**I~ LIN**IN*0031292*UI*01182233292~ SN1**7*CA**7*CA**AC~ PO4*72*********72~ PID*F****RA GAUZE BND 2INX2.5YD~ HL*4**I~ LIN**IN*0352800*UI*01182252800~ SN1**7*CA**7*CA**AC~ PO4*36**********36~ PID*F****RA GAUZE ROLLS 4IN 5CT~ HL*5**I~ LIN**IN*0352801*UI*01182252801~ SN1**5*CA**5*CA**AC~ PO4*36**********36~ PID*F****RA GAUZE ROLLS 3IN 5CT~ HL*6**I~ LIN**IN*0393445*UI*01182254439~ SN1**11*CA**11*CA**AC~ PO4*48*********48~ PID*F****RA NONSTICK PAD 3X4 10CT~ CTT*6~ SE*37*673230873~ GE*1*673230873~ IEA*1*000001891~

RITE AID CORPORATION DISTRIBUTION CENTER (DC) (ASN) Advance Shipment Notice (856) Version 5010

General Comments:

- 1. In general Rite Aid expects the item level attributes sent in the purchase order to be returned in the ASN. Any discrepancies or errors are to be brought to Rite Aid's attention immediately to address.
- 2. Rite Aid requires all distribution center shipments to be preceded by an ASN. Shipments received without an ASN are subject to offset fees as outlined in Rite Aid's Supplier Compliance Guide.
- 3. For additional information and details regarding Rite Aid's supply chain requirements and to access Rite Aid's Supplier Compliance Guide, please logon to the Rite Aid Supplier portal, must be a registered supplier with a valid user ID and password to access. The Rite Aid's Supplier Portal can be found at www.riteaid.com, select Corporate Info at bottom of page, then Supplier Portal.
- 4. Tare and Pack Levels are optional.
- 5. UCC-128 labeling is not required at this time. Rite Aid expects to address label requirements at a later date.
- 6. One ASN may contain multiple, unique purchase orders.
- 7. The ASN must be received within 24 hours of the ship date and time indicated in the DTM (011) segment and prior to receipt of shipment.
- 8. In the rare instance that an ASN correction needs to be made, Rite Aid can process one duplicate ASN.
- The duplicate ASN will be processed as a replacement to the original. KEEP IN MIND THAT RITE AID'S GUIDELINES FOR RECEIVING THE ASN WITHIN 24 HOURS OF THE SHIP DATE AND TIME WILL APPLY TO THE REPLACEMENT ASN.
- 10. All Rite Aid Guidelines are available at the Rite Aid EDI website: http://www.riteaidediservices.com under Transaction Guidelines.
- 11. Ship status is <u>required</u> at Shipment level, Order level in the TD5 segment and at Item level in the SN1 segment.
- 12. "Rite Aid's DUNS+4 /Distribution Centers: The link contained in these guidelines will provide listing of all Rite Aid DC ship-to-locations addresses and phone number, DEA number, DUNS+4 number and preferred LTL carrier. Also indicated if applicable will be any satellite location of the primary DC " DC listings can be downloaded at http://www.riteaidediservices.com/distribution-centers/

Guidelines for Functional Acknowledgements

- 1. Upon receipt of any EDI transaction, the receiving partner shall promptly and properly transmit a Functional Acknowledgement (ANSI ASC X12 997).
- 2. Rite Aid expects that trading partners pick up on a daily basis and acknowledge by returning the Functional Acknowledgement within 24 hours of the time Rite Aid transmitted the original document.
- 3. The receiving partner is expected to monitor and review all 997s for errors that may require attention.

In advance, thank you for your time and attention.

Rite Aid EDI/B2B Department Email: edi@riteaid.com Phone: 717-731-3815