



Rite Aid Corporation
856 Ship Notice/Manifest
Version 005010

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:

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

Detail:

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

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

Summary:

	<u>Pos. No.</u>	<u>Seg ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
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

- 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

- 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*>~

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>		<u>Attributes</u>
M ISA01	I01	Authorization Information Qualifier	M	1 ID 2/2
		Code identifying the type of information in the Authorization Information		
		00 No Authorization Information Present (No Meaningful Information in I02)		
M ISA02	I02	Authorization Information	M	1 AN 10/10
		Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)		

M	ISA03	I03	Security Information Qualifier Code identifying the type of information in the Security Information 00 No Security Information Present (No Meaningful Information in I04)	M	1	ID 2/2
M	ISA04	I04	Security Information This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M	1	AN 10/10
M	ISA05	I05	Interchange ID Qualifier Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified	M	1	ID 2/2
M	ISA06	I06	Interchange Sender ID Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element	M	1	AN 15/15
M	ISA07	I05	Interchange ID Qualifier Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified 01 Duns (Dun & Bradstreet)	M	1	ID 2/2
M	ISA08	I07	Interchange Receiver ID Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them 014578892 Rite Aid Duns Number	M	1	AN 15/15
M	ISA09	I08	Interchange Date Date of the interchange	M	1	DT 6/6
M	ISA10	I09	Interchange Time Time of the interchange	M	1	TM 4/4
M	ISA11	I65	Repetition Separator Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator As of ASC X12, version 004030, a repetition separator is required in ISA11. The repetition separator must be non-alphabetic, non-numeric, and not located within data. Repetition Separator "<"	M	1	AN 1/1
M	ISA12	I11	Interchange Control Version Number Code specifying the version number of the interchange control segments 00501 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2003	M	1	ID 5/5
M	ISA13	I12	Interchange Control Number A control number assigned by the interchange sender	M	1	N0 9/9
M	ISA14	I13	Acknowledgment Requested Code indicating sender's request for an interchange acknowledgment 0 No Interchange Acknowledgment Requested	M	1	ID 1/1
M	ISA15	I14	Interchange Usage Indicator Code indicating whether data enclosed by this interchange envelope is test, production or information Refer to 005010 Data Element Dictionary for acceptable code values.	M	1	ID 1/1
M	ISA16	I15	Component Element Separator Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M	1	AN 1/1

Segment: **GS** Functional Group Header
Position: 0600
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a functional group and to provide control information
Syntax Notes:

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>		
M GS01	479	Functional Identifier Code Code identifying a group of application related transaction sets SH Ship Notice/Manifest (856)	M	1	ID 2/2
M GS02	142	Application Sender's Code Code identifying party sending transmission; codes agreed to by trading partners	M	1	AN 2/15
M GS03	124	Application Receiver's Code Code identifying party receiving transmission; codes agreed to by trading partners Rite Aid Duns Number. 014578892 This is the Rite Aid Corporation DUNS Number "Rite Aid Headquarters Corp"	M	1	AN 2/15
M GS04	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	1	DT 8/8
M GS05	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 GS06	28	Group Control Number Assigned number originated and maintained by the sender	M	1	NO 1/9
M GS07	455	Responsible Agency Code Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 X Accredited Standards Committee X12	M	1	ID 1/2
M GS08	480	Version / Release / Industry Identifier Code Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments 005010 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2003	M	1	AN 1/12

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

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>		
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	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
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)

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>		
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	M	1	AN 2/30
M BSN03	373	ASN Create 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,, where H = hours (00-23), M = minutes (00-59)	M	1	TM 4/8
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 0002 Shipment, Order, Item, Packaging 0004 Shipment, Order, Item	O	1	ID 4/4

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

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 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: Mandatory
Max Use: 1
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.
- 4 If either TD107 or TD108 is present, then the other is required.
- 5 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.
 The TD110 'Volume' 'Volume Unit of Measure' must have a value of CF.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
M 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 Refer to 005010 Data Element Dictionary for acceptable code values.	M	1	AN 3/5
M TD102	80	Lading Quantity Number of units (pieces) of the lading commodity	M	1	NO 1/7
M TD106	187	Weight Qualifier Code defining the type of weight G Gross Weight	M	1	ID 1/2
M TD107	81	Weight Numeric value of weight	M	1	R 1/10

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:

Position:

1200
HL Mandatory

Loop: Detail

Level: Mandatory

Usage: 1

Max Use: To specify the carrier and sequence of routing and provide transit time information

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

Syntax Notes: 2 If TD502 is present, then TD503 is required.

Notes:

TD5 Carrier Details (Routing Sequence/Transit Time)

1200

HL Mandatory

Detail

Mandatory

1

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.

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.

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

Data Element Summary

Ref. Des.	Data Element	Name	Attributes			
M	TD502	66	Identification Code Qualifier	M	1	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)			
			2 Standard Carrier Alpha Code (SCAC)			
M	TD503	67	Identification Code	M	1	AN 2/80
			Code identifying a party or other code			
M	TD504	91	Transportation Method/Type Code	M	1	ID 1/2
			Code specifying the method or type of transportation for the shipment			
			Any valid ANSI code			
M	TD505	387	Routing	M	1	AN 1/35
			Free-form description of the routing or requested routing for shipment, or the originating carrier's identity			
M	TD506	368	Shipment/Order Status Code	M	1	ID 2/2
			Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction			
			CC Shipment Complete on (Date)			
			CP Partial Shipment on (Date), Considered No Backorder			
			PD Purchase Order Complete			
			PR Partial Shipment			
			SH Shipped (Date)			

SJ

Shipped or Performed as Indicated

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:** 1**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**

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>		
M TD301	40	Equipment Description Code Code identifying type of equipment used for shipment Refer to 005010 Data Element Dictionary for acceptable code values.	M	1	ID 2/2
M TD302	206	Equipment Initial Prefix or alphabetic part of an equipment unit's identifying number	M	1	AN 1/4
M TD303	207	Equipment Number Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	M	1	AN 1/15

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

Notes: REF*BM*X1234567890~**Data Element Summary**

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>		
M REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification BM Bill of Lading Number	M	1	ID 2/3
M REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Bill of Lading Number	M	1	AN 1/50

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.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 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. Des.	Data Element	Name	Attributes		
M REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification CN Carrier's Reference Number (PRO/Invoice)	M	1	ID 2/3
M REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Carrier Reference Number (PRO#)	M	1	AN 1/50

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.
- 2 If DTM04 is present, then DTM03 is required.
- 3 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

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>		
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	M	1	DT 8/8
M DTM03	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

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).

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>		
M DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 067 Current Schedule Delivery	M	1	ID 3/3
M DTM02	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	1	DT 8/8
DTM03	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)	O	1	TM 4/8

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

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	M	1	ID 2/3
M N102	93	Name Free-form name Location name of shipment origin	M	1	AN 1/60

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~

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
M N401	19	City Name Free-form text for city name Location city name of shipment origin	M	1	AN 2/30
M N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency Location state name of shipment origin	M	1	ID 2/2
M N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States) Location zipcode of shipment origin	M	1	ID 3/15

Segment: **N1** Party Identification
Position: 2850
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.

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 ST Ship To	M	1	ID 2/3
M N102	93	Name Free-form name Rite Aid DC Name	M	1	AN 1/60
M N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	M	1	ID 1/2
M N104	67	Identification Code Code identifying a party or other code Refer to http://www.riteaidediservices.com/distribution-centers/ for Rite Aid Duns+4	M	1	AN 2/80

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. Des.	Data Element	Name	Attributes		
M N301	166	Address Information Address information Rite Aid DC Address	M	1	AN 1/55

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 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.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
M N401	19	City Name Free-form text for city name Rite Aid DC City	M	1	AN 2/30
M N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency Rite Aid DC State	M	1	ID 2/2
M N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States) Rite Aid DC Zip Code	M	1	ID 3/15

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

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 HL03	735	Hierarchical Level Code Code defining the characteristic of a level in a hierarchical structure O Order	M	1	ID 1/2

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. Des.	Data Element	Name	Attributes		
M PRF01	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser Rite Aid's PO Number	M	1	AN 1/22

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. Des.	Data Element	Name	Attributes		
M	TD5 368 06	Shipment/Order Status Code	M	1	ID 2/2
Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction					
CC Shipment Complete on (Date)					
CP Partial Shipment on (Date), Considered No Backorder					
PD Purchase Order Complete					
PR Partial Shipment					
SH Shipped (Date)					
SJ Shipped or Performed as Indicated					
A shipment or performance made according to the terms and conditions of a contract					

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.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
M HL01	628	Hierarchical ID Number	M	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	M	1	ID 1/2
Code defining the characteristic of a level in a hierarchical structure					
T Shipping Tare					

Segment:	MAN Marks and Numbers Information
Position:	1900
Loop:	HL Optional
Level:	Detail
Usage:	Mandatory
Max Use:	>1
Purpose:	To indicate identifying marks and numbers for shipping containers
Syntax Notes:	<ol style="list-style-type: none"> 1 If either MAN04 or MAN05 is present, then the other is required. 2 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

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>		
M MAN01	88	Marks and Numbers Qualifier	M	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			
M MAN02	87	Marks and Numbers	M	1	AN 1/48
		Marks and numbers used to identify a shipment or parts of a shipment			

Segment:	HL Hierarchical Pack 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**P~
	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

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<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 identify a particular data segment in a hierarchical structure			
M HL03	735	Hierarchical Level Code	M	1	ID 1/2
		Code defining the characteristic of a level in a hierarchical structure			
		P Pack			

Segment:	MAN Marks and Numbers Information
Position:	1900
Loop:	HL Optional
Level:	Detail
Usage:	Mandatory
Max Use:	>1
Purpose:	To indicate identifying marks and numbers for shipping containers
Syntax Notes:	<ol style="list-style-type: none"> 1 If either MAN04 or MAN05 is present, then the other is required. 2 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

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

Segment: **HL** Hierarchical Item 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*4**3~

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>		
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 HL03	735	Hierarchical Level Code Code defining the characteristic of a level in a hierarchical structure I Item	M	1	ID 1/2

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

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>		
LIN01	350	Assigned Identification	O	1	AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set			
M LIN02	235	Product/Service ID Qualifier	M	1	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		IN Buyer's Item Number			
M LIN03	234	Product/Service ID	M	1	AN 1/48
		Identifying number for a product or service			
		Rite Aid's Item Number			
M LIN04	235	Product/Service ID Qualifier	M	1	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		EN EAN/UCC – 13			
		Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)			
		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.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)			
		UP UCC – 12			
		Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)			
		VN Vendor's (Seller's) Item Number			
M LIN05	234	Product/Service ID	M	1	AN 1/48
		Identifying number 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

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>		
M SN102	382	Number of Units Shipped Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	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 CA Case EA Each	M	1	ID 2/2
SN104	646	Quantity Shipped to Date Number of units shipped to date	O	1	R 1/15
SN105	380	Quantity Numeric value of quantity	O	1	R 1/15
SN106	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 CA Case EA Each	O	1	ID 2/2
M SN108	668	Line Item Status Code Code specifying the action taken by the seller on a line item requested by the buyer If Item quantity > 0 AC Item Accepted and Shipped BP Item Accepted - Partial Shipment, Balance Backordered If Item quantity = 0 IB 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 Number R3 Item Rejected, Invalid Unit of Issue	M	1	ID 2/2

Segment:

PO4 Item Physical Details

Position:

0600

Loop:

HL Mandatory

Level:

Detail

Usage:

Mandatory

Max Use:

1

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.
 - 6 If PO411 is present, then PO413 is required.
 - 7 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. Des.	Data Element	Name	Attributes		
M PO401	356	Pack The number of inner containers, or number of eaches if there are no inner containers, per outer container	M	1	N0 1/6
PO402	357	Size Size of supplier units in pack	X	1	R 1/8
PO403	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 Refer to 005010 Data Element Dictionary for acceptable code values.	X	1	ID 2/2
PO414	810	Inner Pack The number of eaches per inner container	O	1	N0 1/6

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.
 - 2 At least one of PID04 or PID05 is required.
 - 3 If PID07 is present, then PID03 is required.
 - 4 If PID08 is present, then PID04 is required.
 - 5 If PID09 is present, then PID05 is required.

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

Data Element Summary

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

Segment:

Position:

Loop:

Level:

Usage:

Max Use:

Purpose:

Syntax Notes:

REF Reference Information

1500

HL Mandatory

Detail

Optional

>1

To specify identifying information

1 At least one of REF02 or REF03 is required.

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

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

Data Element Summary

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

Segment:

Position:

Loop:

Level:

Usage:

Max Use:

Purpose:

Syntax Notes:

DTM Date/Time Reference

2000

HL Mandatory

Detail

Optional

10

To specify pertinent dates and times

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~

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

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>		
M DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 036 Expiration Date coverage expires	M	1	ID 3/3
M DTM02	373	Date	M	1	DT 8/8

Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year
Expiration Date - Mandatory if applicable to product.

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
Syntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.
2 If either CTT05 or CTT06 is present, then the other is required.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
M CTT01	354	Number of Line Items Total number of HL segments in the transaction set	M 1 NO 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)
Syntax Notes:

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 NO 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	M 1 AN 4/9

Segment: **GE** Functional Group Trailer
Position: 0800
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of a functional group and to provide control information
Syntax Notes:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
M GE01	97	Number of Transaction Sets Included Total number of transaction sets included in the functional group or interchange (transmission)	M 1 NO 1/6

M	GE02	28	group terminated by the trailer containing this data element Group Control Number Assigned number originated and maintained by the sender	M	1	N0 1/9
---	------	----	--	---	---	--------

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:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>		<u>Attributes</u>	
M	IEA01	I16	Number of Included Functional Groups A count of the number of functional groups included in an interchange	M	1	N0 1/5
M	IEA02	I12	Interchange Control Number A control number assigned by the interchange sender	M	1	N0 9/9

Sample 856 EDI Document

ISA*00* *00* *12*5550023263 *01*014578892
*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.
9. 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 ***required*** 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.

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