

# **LOWE'S EDI**

**856 Advance Ship Notice for  
PROCUREMENT Orders**

**Version: 5040**

**Modified: 7/23/2013**

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# 856

## Ship Notice/Manifest

### Functional Group=SH

**Purpose:** This document includes the EDI 856 Advance Ship Notice (ASN) data requirements for reporting all Spend Management (Procurement) non-merchandise related shipments for Lowe's facilities in the USA and Canada.

These are some of the EDI ASN business rules to follow in implementing the ASN. It is important to also review the business rules pertaining to the ASN and all Procurement transactions at [http://www.loweslink.com/llmain/pubdocuments/spmSpend\\_Management\\_Supplier\\_Requirements.pdf](http://www.loweslink.com/llmain/pubdocuments/spmSpend_Management_Supplier_Requirements.pdf).

#### One ASN per PO per Receiving Location -

Each ASN can contain only one Purchase Order per Lowe's receiving location. For Purchase Orders with multiple Ship To Locations, an individual EDI 856 ASN must be submitted for each Ship To Location. If multiple shipments are being delivered to one location, each shipment requires its own ASN. When two Purchase Orders are shipped in the same package, each Purchase Order requires its own ASN with the same Ship Unit Tracking Number included in each ASN. If an EDI 856 ASN includes multiple Purchase Orders within the same ASN, it will reject. Multiple ASNs can be transmitted within one EDI interchange, but only one ASN for one order/one receiving location can be included within an ST Transaction loop.

#### Type of ASN -

The ASN is a key EDI document that allows Lowe's to plan, track, and receive shipments from your company. Lowe's requires the basic ASN information which includes a summary of items/quantities along with tracking information. The ASN structure includes Shipment/Order/Item hierarchical levels.

Lowe's will not require detail ASNs that identifies product within their shipping unit and will not require GS1-128 Serialized Shipping Container bar code labeling at this time for our Spend Management suppliers.

#### Ship Unit Tracking # (PRO #) -

The Ship Unit Tracking Number (PRO #) is required for each item and included in the EDI ASN MAN segment and it must be unique within the EDI ASN. The number can be repeated when multiple items are being shipped with the same Ship Unit Tracking Number. However, if different Ship Unit Tracking Numbers are used to ship items for a purchase order, different ASNs are required for each Ship Unit Tracking Number. Different Ship Unit Tracking Numbers cannot be sent in the same ASN. When shipping multiple POs within one ship unit, each PO requires its own EDI ASN transaction. Using the same ship unit tracking # is not an issue when submitting the unique ASNs for this scenario.

#### Timing -

The ASN should be sent to Lowe's as soon as the truck/ship unit is sealed or before the shipment leaves the vendor's facility. It is preferred the ASN arrive at least one day prior to delivery in most cases.

#### Original ASNs -

Lowe's prefers to receive one Original ASN for a shipment that is accurate and timely. If a change needs to be made to the Original ASN that was transmitted to Lowe's or the Original ASN was in error, another Original ASN (different ASN with a different Shipment ID in the BSN02) should be submitted. Lowe's does not accept cancellation or replacement type ASNs.

When multiple shipments are required to fulfill a purchase order for a shipping location, each shipment requires a unique Original ASN.

#### One EDI Document Type per Interchange -

Include only ASN transactions within an EDI interchange (ISA to IEA envelope). If more than one document type is included within an EDI interchange, such as including Invoices and ASNs within the same interchange, Lowe's will process the data twice. It is important for the vendor to send only one document type per EDI interchange.

#### 997 Functional Acknowledgment -

Lowe's will return a 997 Functional Acknowledgment for the 856 ASN within 30 minutes of receiving the EDI 856 document. If you do not receive a 997, this means Lowe's did not receive the 856. The 997 will be sent in version 005040. If there are data discrepancies with the 856 data, the 997 may indicate the 856 was in error. Please review the 997 along with the 856 to determine if a new ASN should be submitted for the shipment.

#### Vendor Responsibility for Sending the ASN -

ASNs should be sent to Lowe's only for shipments to a Lowe's facility. ASNs should not be sent to Lowe's for product a vendor sends to a consolidator to ship to Lowe's.

If a vendor is outsourcing their shipments to Lowe's, either the vendor or third party must provide the ASN shipment data to Lowe's. Ultimately, the vendor is responsible for making certain that Lowe's receives ASN shipment data for all shipments they are responsible

for shipping.

EDI Schedule -

Lowe's EDI inbound/outbound transmission times are listed on Lowe's Quick Reference sheet which can be viewed on www.loweslink.com, click EDI, and select EDI Quick Reference.

Additional Notes -

All usages under the label "Req" denote X12 usages. All usages under the label "Usage" denote Lowe's usages.

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	ISA	Interchange Control Header	M	1			Mandatory
	GS	Functional Group Header	M	1			Mandatory
0100	ST	Transaction Set Header	M	1			Mandatory
0200	BSN	Beginning Segment for Ship Notice	M	1			Mandatory

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<b>LOOP ID - HL</b>					<b>200000</b>	<b>C2/0100L</b>	
0100	HL	Hierarchical Level - SHIPMENT DETAIL	M	1		C2/0100	Mandatory
1200	TD5	Carrier Details (Routing Sequence/Transit Time) - ASN Shipment Level	O	12			Mandatory
<b>LOOP ID - N1</b>					<b>200</b>		
2200	N1	Party Identification - ASN Shipment Level	O	1			Conditional
<b>LOOP ID - HL</b>					<b>200000</b>	<b>C2/0100L</b>	
0100	HL	Hierarchical Level - ORDER DETAIL	M	1		C2/0100	Mandatory
0500	PRF	Purchase Order Reference - ASN Order Level	O	1			Mandatory
1500	REF	Reference Information - ASN Order Level	O	>1			Mandatory
2000	DTM	Date/Time Reference - ASN Order Level	O	10			Mandatory
<b>LOOP ID - N1</b>					<b>200</b>		
2200	N1	Party Identification - ASN Order Level	O	1			Mandatory
<b>LOOP ID - HL</b>					<b>200000</b>	<b>C2/0100L</b>	
0100	HL	Hierarchical Level - ITEM DETAIL	M	1		C2/0100	Mandatory
0200	LIN	Item Identification - ASN Item Level	O	1			Mandatory
0300	SN1	Item Detail (Shipment) - ASN Item Level	O	1			Mandatory
0700	PID	Product/Item Description - ASN Item Level	O	200			Mandatory
1500	REF	Reference Information - ASN Item Level	O	>1			Conditional
1900	MAN	Marks and Numbers Information - ASN Item Level	O	>1			Mandatory
3100	CUR	Currency - ASN Item Level	O	1			Mandatory

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0100	CTT	Transaction Totals	O	1		N3/0100	Mandatory
0200	SE	Transaction Set Trailer	M	1			Mandatory

**Heading:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	GE	Functional Group Trailer	M	1			Mandatory
	IEA	Interchange Control Trailer	M	1			Mandatory

# ISA Interchange Control Header

<b>Pos:</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 16</b>

**User Option (Usage):** Mandatory

**Purpose:** To start and identify an interchange of zero or more functional groups and interchange-related control segments

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA01	I01	<b>Authorization Information Qualifier</b>	M	ID	2/2	Mandatory
<b>Description:</b> Code identifying the type of information in the Authorization Information						
<b>CodeList Summary</b> (Total Codes: 9, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		00		No Authorization Information Present (No Meaningful Information in I02)		
ISA02	I02	<b>Authorization Information</b>	M	AN	10/10	Mandatory
<b>Description:</b> 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)						
<b>Element User Note:</b> <i>This element should be filled with spaces.</i>						
ISA03	I03	<b>Security Information Qualifier</b>	M	ID	2/2	Mandatory
<b>Description:</b> Code identifying the type of information in the Security Information						
<b>CodeList Summary</b> (Total Codes: 2, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		00		No Security Information Present (No Meaningful Information in I04)		
ISA04	I04	<b>Security Information</b>	M	AN	10/10	Mandatory
<b>Description:</b> 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)						
<b>Element User Note:</b> <i>This element should be filled with spaces.</i>						
ISA05	I05	<b>Interchange ID Qualifier</b>	M	ID	2/2	Mandatory
<b>Description:</b> Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified						
<b>All valid X12 codes are used. (Total Codes: 41)</b>						
ISA06	I06	<b>Interchange Sender ID</b>	M	AN	15/15	Mandatory
<b>Description:</b> 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						
ISA07	I05	<b>Interchange ID Qualifier</b>	M	ID	2/2	Mandatory
<b>Description:</b> Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified						
<b>Element User Note:</b> <i>The receiver qualifier for Lowe's USA and Canada EDI IDs is 08.</i>						
<b>CodeList Summary</b> (Total Codes: 41, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		08		UCC EDI Communications ID (Comm ID)		
ISA08	I07	<b>Interchange Receiver ID</b>	M	AN	15/15	Mandatory
<b>Description:</b> 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						
<b>Element User Note:</b> <i>The receiver ID for Lowe's USA is 6135830004. The receiver ID for Lowe's Canada is 6135830006.</i>						
ISA09	I08	<b>Interchange Date</b>	M	DT	6/6	Mandatory
<b>Description:</b> Date of the interchange						

ISA10	I09	<b>Interchange Time</b>	M	TM	4/4	Mandatory
		<b>Description:</b> Time of the interchange				
ISA11	I65	<b>Repetition Separator</b>	M		1/1	Mandatory
		<b>Description:</b> 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				
		<b>Element User Note:</b> <i>The value in the ISA11 should be the caret (^) which has an ASCII hex value of 5E.</i>				
ISA12	I11	<b>Interchange Control Version Number</b>	M	ID	5/5	Mandatory
		<b>Description:</b> Code specifying the version number of the interchange control segments				
		<b>CodeList Summary</b> (Total Codes: 24, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		00500	ASC X12 Standards Issued by ANSI in 2003			
ISA13	I12	<b>Interchange Control Number</b>	M	N0	9/9	Mandatory
		<b>Description:</b> A control number assigned by the interchange sender				
ISA14	I13	<b>Acknowledgment Requested</b>	M	ID	1/1	Mandatory
		<b>Description:</b> Code indicating sender's request for an interchange acknowledgment				
		<b>CodeList Summary</b> (Total Codes: 2, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		0	No Interchange Acknowledgment Requested			
ISA15	I14	<b>Interchange Usage Indicator</b>	M	ID	1/1	Mandatory
		<b>Description:</b> Code indicating whether data enclosed by this interchange envelope is test, production or information				
		<b>CodeList Summary</b> (Total Codes: 3, Included: 2)				
		<u>Code</u>	<u>Name</u>			
		P	Production Data			
		T	Test Data			
ISA16	I15	<b>Component Element Separator</b>	M		1/1	Mandatory
		<b>Description:</b> 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				

**Segment User Note:**

*Include only ASN transactions within an EDI interchange (ISA to IEA envelope). If more than one document type is included within an EDI interchange, such as including Invoices and ASNs within the same interchange, Lowe's will process the data twice. It is important for the vendor to send only one document type per EDI interchange.*

**Segment Data Example:**

*Example of ISA segment for USA transactions.*

ISA\*00\* \*00\* \*01\*SENDER ID \*08\*6135830004 \*120501\*1700\*^\*00500\*000000009\*0\*P\*>|

*Example of ISA segment for Canada transactions.*

ISA\*00\* \*00\* \*01\*SENDER ID \*08\*6135830006 \*120501\*1700\*^\*00500\*000000009\*0\*P\*>|

# GS

## Functional Group Header

<b>Pos:</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 8</b>

**User Option (Usage):** Mandatory

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

### Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GS01	479	<b>Functional Identifier Code</b>	M	ID	2/2	Mandatory

**Description:** Code identifying a group of application related transaction sets

**CodeList Summary** (Total Codes: 261, Included: 1)

<u>Code</u>	<u>Name</u>
SH	Ship Notice/Manifest (856)

GS02	142	<b>Application Sender's Code</b>	M	AN	2/15	Mandatory
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**Description:** Code identifying party sending transmission; codes agreed to by trading partners

GS03	124	<b>Application Receiver's Code</b>	M	AN	2/15	Mandatory
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**Description:** Code identifying party receiving transmission; codes agreed to by trading partners

**Element User Note:** *The receiver ID for Lowe's USA is 6135830004. The receiver ID for Lowe's Canada is 6135830006.*

GS04	373	<b>Date</b>	M	DT	8/8	Mandatory
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**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

GS05	337	<b>Time</b>	M	TM	4/8	Mandatory
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**Description:** 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)

GS06	28	<b>Group Control Number</b>	M	N0	1/9	Mandatory
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**Description:** Assigned number originated and maintained by the sender

GS07	455	<b>Responsible Agency Code</b>	M	ID	1/2	Mandatory
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**Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480

**CodeList Summary** (Total Codes: 2, Included: 1)

<u>Code</u>	<u>Name</u>
X	Accredited Standards Committee X12

GS08	480	<b>Version / Release / Industry Identifier Code</b>	M	AN	1/12	Mandatory
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**Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

**CodeList Summary** (Total Codes: 64, Included: 1)

<u>Code</u>	<u>Name</u>
005040	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2006

### Segment User Note:

*Multiple 856 documents can be sent within a Group as long as they are sent within their own ST loop. If the trading partner is required to send multiple groups of 856 data within an interchange, Lowe's will process it.*

### Segment Data Example:



*Example of GS segment for USA transactions.*

GS\*SH\*SENDERID\*6135830004\*20120501\*1646\*000000009\*X\*005040\

*Example of GS segment for Canada transactions.*

GS\*SH\*SENDERID\*6135830006\*20120501\*1646\*000000009\*X\*005040\

# ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Mandatory

**Purpose:** To indicate the start of a transaction set and to assign a control number

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Mandatory

**Description:** Code uniquely identifying a Transaction Set

**CodeList Summary** (Total Codes: 319, Included: 1)

<u>Code</u>	<u>Name</u>
856	Ship Notice/Manifest

ST02	329	Transaction Set Control Number	M	AN	4/9	Mandatory
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**Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

## Segment User Note:

*Only one 856 can be sent per ST loop. Only one Purchase Order can be included in an ASN per Ship-To Location per ST loop.*

## Segment Data Example:

ST\*856\*000000001\

# BSN Beginning Segment for Ship Notice

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

**User Option (Usage):** Mandatory

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

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSN01	353	Transaction Set Purpose Code	M	ID	2/2	Mandatory

**Description:** Code identifying purpose of transaction set

**CodeList Summary** (Total Codes: 67, Included: 1)

Code	Name
00	Original

BSN02	396	Shipment Identification	M	AN	2/30	Mandatory
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**Description:** A unique control number assigned by the original shipper to identify a specific shipment

BSN03	373	Date	M	DT	8/8	Mandatory
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**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

**Element User Note:** *This is the date the ASN was created; format=CCYYMMDD.*

BSN04	337	Time	M	TM	4/8	Mandatory
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**Description:** 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)

**Element User Note:** *The time the ASN was created, expressed in four digits as HHMM.*

BSN05	1005	Hierarchical Structure Code	O	ID	4/4	Mandatory
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**Description:** Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set

**CodeList Summary** (Total Codes: 81, Included: 1)

Code	Name
0004	Shipment, Order, Item

## Segment User Note:

### Original ASNs

Lowe's prefers to receive one Original ASN for a shipment that is accurate and timely. If a change needs to be made to the Original ASN that was transmitted to Lowe's or the Original ASN was in error, another Original ASN with a different Shipment ID in the BSN02 should be submitted. Lowe's does not accept cancellation or replacement type ASNs.

When multiple shipments are required to fulfill a purchase order for a shipping location, each shipment requires a unique Original ASN.

### Shipment ID

The Shipment ID in the BSN-02 is assigned by the vendor for their own internal tracking purposes.

It is also required to be displayed on the Packing Slip.

The vendor's unique control number should be sent here, NOT the bill of lading number. It should not be zero-filled.

For Purchase Orders that require multiple shipments to fulfill the order, a different Shipment ID should be used. The vendor should always send a unique number regardless of how many ASNs/shipments are sent for a Purchase Order.

The Shipment Number should be unique and not repeated in an ASN for a period of two years.

**Segment Data Example:**

*Original ASN* BSN\*00\*99999999\*20120705\*1700\*0004\

# Loop Hierarchical Level - SHIPMENT DETAIL

Pos: 0100	Repeat: 200000
	Mandatory
Loop: HL	Elements: N/A

**User Option (Usage):** Mandatory

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

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0100	HL	Hierarchical Level - SHIPMENT DETAIL	M	1		Mandatory
1200	TD5	Carrier Details (Routing Sequence/Transit Time) - ASN Shipment Level	O	12		Mandatory
2200		Loop N1	O		200	Conditional

# HL

# Hierarchical Level - SHIPMENT DETAIL

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

**User Option (Usage):** Mandatory

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
HL01	628	Hierarchical ID Number	M	AN	1/12	Mandatory

**Description:** A unique number assigned by the sender to identify a particular data segment in a hierarchical structure

**Element User Note:** *Lowe's allows only numeric data values in the HL-01.*

HL02	734	Hierarchical Parent ID Number	O	AN	1/12	Conditional
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**Description:** Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to

**Element User Note:** *When reporting shipment level information (HL-03 = S), this element should be left blank.*

HL03	735	Hierarchical Level Code	M	ID	1/2	Mandatory
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**Description:** Code defining the characteristic of a level in a hierarchical structure

**CodeList Summary** (Total Codes: 250, Included: 1)

<u>Code</u>	<u>Name</u>
S	Shipment

## Segment User Note:

*The Shipment hierarchical loop is required in each ASN. The examples below demonstrate how the various hierarchical levels are linked.*

## Segment Data Example:

*HL\*1\*\*S HL at Shipment level as identified in HL-03=S.*

*HL-01=1 indicates the first HL in the ASN and should always be populated with a value of 1 and used only once in the ASN.*

*HL-02 is not populated for the Shipment level HL*

*HL\*2\*1\*O HL at Order level as identified in HL-03=O.*

*HL-01=2 to indicate the second HL in the ASN which should always be populated with a value of 2 for the Order level HL and used only once in the ASN.*

*HL-02=1 links Order level HL to Shipment level HL and should always include a value of 1.*

*HL\*3\*2\*1 HL at Item level as identified in HL-03=I. HL-01=3 in this example which is the first Item level HL in the ASN.*

*The HL-01 value should increment by 1 for each Item level HL in the ASN.*

*HL-02=2 which links the Item level HL to the Order level HL and should always include a value of 2.*

*Multiple Item level HL loops may exist in the ASN for each item as a PRO # is required for each item in the ASN.*

*For multiples of the same item shipped for a PO with the same PRO #, include the item only once in the ASN with the quantity summed for the line item.*

# TD5 Carrier Details (Routing Sequence/Transit Time) - ASN Shipment Level

Pos: 1200	Max: 12
Detail - Optional	
Loop: HL	Elements: 3

**User Option (Usage):** Mandatory

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

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>										
TD502	66	Identification Code Qualifier	X	ID	1/2	Mandatory										
<p><b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)</p> <p><b>CodeList Summary</b> (Total Codes: 249, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>91</td> <td>Assigned by Seller or Seller's Agent</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	91	Assigned by Seller or Seller's Agent						
<u>Code</u>	<u>Name</u>															
91	Assigned by Seller or Seller's Agent															
TD503	67	Identification Code	X	AN	2/80	Mandatory										
<p><b>Description:</b> Code identifying a party or other code</p> <p><b>Element User Note:</b> TD5-03=Carrier Name and should include a maximum of 10 characters for the Carrier Name. A list of possible values for the Carrier Name is available by contacting Lowe's Procurement Team.</p>																
TD504	91	Transportation Method/Type Code	X	ID	1/2	Mandatory										
<p><b>Description:</b> Code specifying the method or type of transportation for the shipment</p> <p><b>CodeList Summary</b> (Total Codes: 81, Included: 4)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Air</td> </tr> <tr> <td>J</td> <td>Motor</td> </tr> <tr> <td>S</td> <td>Ocean</td> </tr> <tr> <td>ZZ</td> <td>Mutually defined</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	A	Air	J	Motor	S	Ocean	ZZ	Mutually defined
<u>Code</u>	<u>Name</u>															
A	Air															
J	Motor															
S	Ocean															
ZZ	Mutually defined															

**Segment User Note:**

The TD5 segment should only be sent in the HL loop reporting shipment level information where HL-03=S.

TD5-01 is not used by Lowe's.

**Segment Data Example:**

TD5\*\*91\*UPS 2DAY\*J\

# Loop Party Identification - ASN Shipment Level

Pos: 2200	Repeat: 200
Loop: N1	Optional Elements: N/A

**User Option (Usage):** Conditional

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

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
2200	N1	Party Identification - ASN Shipment Level	O	1		Conditional



# N1 Party Identification - ASN Shipment Level

Pos: 2200	Max: 1
Detail - Optional	
Loop: N1	Elements: 2

**User Option (Usage):** Conditional

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Mandatory

**Description:** Code identifying an organizational entity, a physical location, property or an individual

**CodeList Summary** (Total Codes: 1504, Included: 1)

<u>Code</u>	<u>Name</u>
FA	Facility

N102	93	Name	X	AN	1/60	Mandatory
------	----	------	---	----	------	-----------

**Description:** Free-form name

**Element User Note:** When N1-01=FA then N1-02 indicates the vendor location as sent in the 850 and 860. 'MAIN' will be used unless the vendor has multiple/regional locations.

## Segment User Note:

When the Vendor Location is included in the 850 and 860 transactions, this value must be returned in the 856 N1 segment at the Shipment Level.

## Segment Data Example:

N1\*FA\*MAIN

# Loop Hierarchical Level - ORDER DETAIL

Pos: 0100	Repeat: 200000
	Mandatory
Loop: HL	Elements: N/A

**User Option (Usage):** Mandatory

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

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0100	HL	Hierarchical Level - ORDER DETAIL	M	1		Mandatory
0500	PRF	Purchase Order Reference - ASN Order Level	O	1		Mandatory
1500	REF	Reference Information - ASN Order Level	O	>1		Mandatory
2000	DTM	Date/Time Reference - ASN Order Level	O	10		Mandatory
2200		Loop N1	O		200	Conditional

# HL Hierarchical Level - ORDER DETAIL

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

**User Option (Usage):** Mandatory

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
HL01	628	Hierarchical ID Number	M	AN	1/12	Mandatory

**Description:** A unique number assigned by the sender to identify a particular data segment in a hierarchical structure

**Element User Note:** *Lowe's allows only numeric data values in the HL01.*

HL02	734	Hierarchical Parent ID Number	O	AN	1/12	Mandatory
------	-----	-------------------------------	---	----	------	-----------

**Description:** Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to

**Element User Note:** *When HL-03=O, the HL-02=1 to link the Order level to the Shipment level. Only one purchase order can be sent per ST Transaction Set so this segment should be included only once in the ASN.*

HL03	735	Hierarchical Level Code	M	ID	1/2	Mandatory
------	-----	-------------------------	---	----	-----	-----------

**Description:** Code defining the characteristic of a level in a hierarchical structure

**CodeList Summary** (Total Codes: 250, Included: 1)

<u>Code</u>	<u>Name</u>
O	Order

## Segment User Note:

*The Order hierarchical loop is required in each ASN. The examples below demonstrate how the various hierarchical levels are linked.*

## Segment Data Example:

*HL \*1\*\*S HL at Shipment level as identified in HL-03=S.*

*HL-01=1 indicates the first HL in the ASN and should always be populated with a value of 1 and used only once in the ASN. HL-02 is not populated for the Shipment level HL*

*HL \*2\*1\*O HL at Order level as identified in HL-03=O.*

*HL-01=2 to indicate the second HL in the ASN which should always be populated with a value of 2 for the Order level HL and used only once in the ASN.*

*HL-02=1 links Order level HL to Shipment level HL and should always include a value of 1.*

*HL \*3\*2\*I HL at Item level as identified in HL-03=I. HL-01=3 in this example which is the first Item level HL in the ASN.*

*The HL-01 value should increment by 1 for each Item level HL in the ASN.*

*HL-02=2 which links the Item level HL to the Order level HL and should always include a value of 2.*

*Multiple Item level HL loops may exist in the ASN for each item as a PRO # is required for each item in the ASN.*

*For multiples of the same item shipped for a PO with the same PRO #, include the item only once in the ASN with the quantity summed for the line item.*

# PRF Purchase Order Reference - ASN Order Level

Pos: 0500	Max: 1
Detail - Optional	
Loop: HL	Elements: 2

**User Option (Usage):** Mandatory

**Purpose:** To provide reference to a specific purchase order

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PRF01	324	Purchase Order Number	M	AN	1/22	Mandatory
		<b>Description:</b> Identifying number for Purchase Order assigned by the orderer/purchaser				
PRF05	350	Assigned Identification	O	AN	1/20	Optional
		<b>Description:</b> Alphanumeric characters assigned for differentiation within a transaction set				
		<b>Element User Note:</b> The PRF-05 should include the vendor's internal order reference #. A maximum of 10 alphanumeric positions is allowed.				

## Segment User Note:

The PRF segment is required at the Order level where HL-03=O.

### PRF-01

The PRF-01 value should match the data as sent in the 850 Purchase Order and 860 Purchase Order Change Request transactions.

The maximum length of Lowe's Purchase Order number is 10 digits.

This field is not zero-suppressed so there can be leading zeroes.

The PRF-01 value should be displayed on the Packing List and Bill of Lading documents.

### PRF-05

The PRF-05 identifies a customer order number that appears as a reference on a receivables pending item.

## Segment Data Example:

PRF\*0123456789\*\*\*\*VENDORPORF\

# REF Reference Information - ASN Order Level

Pos: 1500	Max: >1
Detail - Optional	
Loop: HL	Elements: 2

**User Option (Usage):** Mandatory  
**Purpose:** To specify identifying information

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Mandatory
<b>Description:</b> Code qualifying the Reference Identification						
<b>CodeList Summary</b> (Total Codes: 1767, Included: 3)						
	<u>Code</u>	<u>Name</u>				
	IA	Internal Vendor Number				
	WH	Master Reference (Link) Number				
	BAI	Business Identification Number				
REF02	127	Reference Identification	X	AN	1/80	Mandatory
<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						

**Segment User Note:**

The REF segment is required at the Order level where HL-03=O. Three REF segments are required at the Order level and they should be included in the EDI 856 ASN in this sequence or the ASN will reject: REF\*IA, REF\*WH, REF\*BAI.

**VENDOR NUMBER (required)**

Lowe's vendor number must be included in this segment at the Order HL level.  
 When REF-01=IA, then REF-02 should match the vendor number as sent in the 850 Purchase Order and 860 Purchase Order Change Request transactions.  
 The maximum length for the Lowe's vendor number is 10 digits.  
 This field is not zero-suppressed so there can be leading zeroes.  
 The vendor number will be different for USA and Canada transactions.

**SET ID (required)**

The Set ID must be included in this segment at the Order HL level.  
 When REF01=WH, then REF02 = Lowe's assigned Vendor Set Id (up to 5-characters in length). The Vendor Set Id will include a value of EXP01 for USA transactions and a value of CAE01 for Canada transactions. This value should match the Set ID as sent in the 850 Purchase Order and 860 Purchase Order Change Request transactions.

**BUSINESS UNIT (required)**

The Business Unit must be included in this segment at the Order HL level.  
 When REF01=BAI, then REF02 = Lowe's Business Unit (5-characters in length). The first 3 positions of this field will be the same for both USA and Canada transactions (FIN) but the next two positions of the field will be different. For USA, the two digits will include a value of 01. For Canada, the two digits will include a value of 02. This value should match the Business Unit as sent in the 850 Purchase Order and 860 Purchase Order Change Request transactions.

**Segment Data Example:**

Vendor Number REF\*IA\*999999999\  
 Vendor Set Id for USA REF\*WH\*EXP01\  
 Vendor Set Id for Canada REF\*WH\*CAE01\  
 Business Unit for USA REF\*BAI\*FIN01\  
 Business Unit for Canada REF\*BAI\*FIN02\

# DTM Date/Time Reference - ASN Order Level

Pos: 2000	Max: 10
Detail - Optional	
Loop: HL	Elements: 2

**User Option (Usage):** Mandatory

**Purpose:** To specify pertinent dates and times

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Mandatory

**Description:** Code specifying type of date or time, or both date and time

**CodeList Summary** (Total Codes: 1288, Included: 1)

<u>Code</u>	<u>Name</u>
011	Shipped

DTM02	373	Date	X	DT	8/8	Mandatory
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**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

**Segment User Note:**

*Send a DTM segment for Shipped Date in the Order level HL loop where HL-03=0. The DTM segment with the ship date is mandatory. Lowe's does not require the delivery date to be included in the ASN.*

**Segment Data Example:**

DTM\*011\*20120823\

# Loop Party Identification - ASN Order Level

Pos: 2200	Repeat: 200
Loop: N1	Elements: N/A
Optional	

**User Option (Usage):** Conditional

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

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
2200	N1	Party Identification - ASN Order Level	O	1		Mandatory

# N1

## Party Identification - ASN Order Level

Pos: 2200	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

**User Option (Usage):** Mandatory

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

### Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	<b>Entity Identifier Code</b>	M	ID	2/3	Mandatory
<b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual						
<b>CodeList Summary</b> (Total Codes: 1504, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		ST		Ship To		
N102	93	<b>Name</b>	X	AN	1/60	Mandatory
<b>Description:</b> Free-form name						
<b>Element User Note:</b> <i>The N1-02 should match the value included in the 850 and 860 transactions.</i>						
N103	66	<b>Identification Code Qualifier</b>	X	ID	1/2	Conditional
<b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)						
<b>Element User Note:</b> <i>Include N1-03 and N1-04 in the 856 when those fields are populated in the 850 and 860 documents. The 856 data values must match those same values as included in the 850 and 860 transactions. If N1-04 is present, then N1-03 is required.</i>						
<b>CodeList Summary</b> (Total Codes: 249, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		94		Code assigned by the organization that is the ultimate destination of the transaction set		
N104	67	<b>Identification Code</b>	X	AN	2/80	Conditional
<b>Description:</b> Code identifying a party or other code						
<b>Element User Note:</b> <i>Lowe's Ship To location number should be reported here when included in the 850 and 860 documents. When N1-04 is populated in the 856, the value must match the Ship To value sent in the 850 and 860 documents. If N1-04 is present, then N1-03 is required.</i>						

### Segment User Note:

Only one Ship To location is allowed per ASN.

For information on handling EDI transactions where Lowe's Ship To location includes one of the following values, please see the N1 segment at the Detail level in the EDI 850 PO specs for additional instructions.

- Temporary Address,
- Ship To ID with an Alpha or Alpha-Numeric Value for Consolidation Location,
- Ship To ID with Numeric Value, or
- Ship to Various Lowe's Locations.

### Segment Data Example:

See EDI 850 PO specs for examples of Ship To locations. In reviewing the examples in the PO specs, the N103=92 for the 850; however, the N103=94 for the 856.



# Loop Hierarchical Level - ITEM DETAIL

Pos: 0100	Repeat: 200000
	Mandatory
Loop: HL	Elements: N/A

**User Option (Usage):** Mandatory

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

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0100	HL	Hierarchical Level - ITEM DETAIL	M	1		Mandatory
0200	LIN	Item Identification - ASN Item Level	O	1		Mandatory
0300	SN1	Item Detail (Shipment) - ASN Item Level	O	1		Mandatory
0700	PID	Product/Item Description - ASN Item Level	O	200		Mandatory
1500	REF	Reference Information - ASN Item Level	O	>1		Conditional
1900	MAN	Marks and Numbers Information - ASN Item Level	O	>1		Mandatory
3100	CUR	Currency - ASN Item Level	O	1		Mandatory

# HL Hierarchical Level - ITEM DETAIL

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

**User Option (Usage):** Mandatory

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
HL01	628	Hierarchical ID Number	M	AN	1/12	Mandatory

**Description:** A unique number assigned by the sender to identify a particular data segment in a hierarchical structure

**Element User Note:** *Lowe's allows only numeric data values in the HL01. See Segment Data Example for more information.*

HL02	734	Hierarchical Parent ID Number	O	AN	1/12	Mandatory
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**Description:** Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to

**Element User Note:** *When HL-03=1, the HL-02=2 to link the Item level to the Order level.*

HL03	735	Hierarchical Level Code	M	ID	1/2	Mandatory
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**Description:** Code defining the characteristic of a level in a hierarchical structure

**CodeList Summary** (Total Codes: 250, Included: 1)

<u>Code</u>	<u>Name</u>
I	Item

## Segment User Note:

*The Item hierarchical loop is required in each ASN. The examples below demonstrate how the various hierarchical levels are linked.*

## Segment Data Example:

*HL\*1\*\*S HL at Shipment level as identified in HL-03=S.*

*HL-01=1 indicates the first HL in the ASN and should always be populated with a value of 1 and used only once in the ASN.*

*HL-02 is not populated for the Shipment level HL*

*HL\*2\*1\*O HL at Order level as identified in HL-03=O.*

*HL-01=2 to indicate the second HL in the ASN which should always be populated with a value of 2 for the Order level HL and used only once in the ASN.*

*HL-02=1 links Order level HL to Shipment level HL and should always include a value of 1.*

*HL\*3\*2\*I HL at Item level as identified in HL-03=I. HL-01=3 in this example which is the first Item level HL in the ASN.*

*The HL-01 value should increment by 1 for each Item level HL in the ASN.*

*HL-02=2 which links the Item level HL to the Order level HL and should always include a value of 2.*

*Multiple Item level HL loops may exist in the ASN for each item as a PRO # is required for each item in the ASN.*

*For multiples of the same item shipped for a PO with the same PRO #, include the item only once in the ASN with the quantity summed for the line item.*

**LIN**

# Item Identification - ASN Item Level

Pos: 0200	Max: 1
Detail - Optional	
Loop: HL	Elements: 5

**User Option (Usage):** Mandatory  
**Purpose:** To specify basic item identification data

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN01	350	<b>Assigned Identification</b>	O	AN	1/20	Mandatory
<p><b>Description:</b> Alphanumeric characters assigned for differentiation within a transaction set  <b>Element User Note:</b> This element includes Lowe's assigned line number for an item and should match the value sent in the 850 Purchase Order and 860 Purchase Order Change transactions. The maximum numeric length allowed by Lowe's for this position is 5.</p>						
LIN02	235	<b>Product/Service ID Qualifier</b>	M	ID	2/2	Mandatory
<p><b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)  <b>CodeList Summary</b> (Total Codes: 511, Included: 1)  <u>Code</u>            <u>Name</u>                      KL                Item Management Code</p>						
LIN03	234	<b>Product/Service ID</b>	M	AN	1/48	Mandatory
<p><b>Description:</b> Identifying number for a product or service  <b>Element User Note:</b> LIN-02 should include KL when LIN-03 includes the Schedule Sequence Number as assigned by the vendor. This identifies when the vendor sets different schedules for the line item. If multiple schedules are not used for the line item, the vendor should send a value of '1'. The maximum numeric length allowed by Lowe's for this position is 9. If LIN-03 is present, then LIN-02 is required. (This field should not include the schedule number from the 850 or 860. See SN1-01 for populating that field with the schedule number from the 850 or 860.)</p>						
LIN04	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Conditional
<p><b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)  <b>CodeList Summary</b> (Total Codes: 511, Included: 1)  <u>Code</u>            <u>Name</u>                      CB                Buyer's Catalog Number</p>						
LIN05	234	<b>Product/Service ID</b>	X	AN	1/48	Conditional
<p><b>Description:</b> Identifying number for a product or service  <b>Element User Note:</b> LIN-04 should include CB when Lowe's assigned item identifier is included in the LIN-05. This value should be populated in the 856 when it is included in the 850 and 860 transactions. The maximum alphanumeric length allowed by Lowe's for this position is 18. If LIN-05 is present, then LIN-04 is required.</p>						

**Segment User Note:**

If an item will not be shipped as included in the PO or PO Change, or an item was previously accepted in the EDI 855 PO Acknowledgment that will not be shipped, the item should not be included in the ASN with a zero quantity. The ASN should include information on what is actually shipped.

If the PO includes an expedited freight item #, it does not need to be included in the ASN. If included, it should not be an issue.

**Segment Data Example:**

LIN\*1\*KL\*1\*CB\*CM\_999\_999999999999

# SN1 Item Detail (Shipment) - ASN Item Level

Pos: 0300	Max: 1
Detail - Optional	
Loop: HL	Elements: 3

**User Option (Usage):** Mandatory

**Purpose:** To specify line-item detail relative to shipment

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SN101	350	<b>Assigned Identification</b>	O	AN	1/20	Mandatory

**Description:** Alphanumeric characters assigned for differentiation within a transaction set

**Element User Note:** *The SN1-01 should include Lowe's schedule number as sent in the 850 PO and 860 PO Change documents. The maximum numeric length allowed by Lowe's for this position is 3.*

SN102	382	<b>Number of Units Shipped</b>	M	R	1/10	Mandatory
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**Description:** Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set

**Element User Note:** *The SN1-02 should include the quantity shipped for the line item linked to the PRO # included in the MAN segment. If multiples of the line item are shipped for the assigned PRO # in the MAN segment, the quantity should be summed in the SN1-02. This field may contain up to 4 digits to the right of the decimal. If the field value is a whole number, decimal places are excluded. This field is zero-suppressed.*

**Element Data Example:** *Example of whole number: 100*

*Example of 4 decimal places: 100.1234*

*Example of 2 decimal places: 100.12*

SN103	355	<b>Unit or Basis for Measurement Code</b>	M	ID	2/2	Mandatory
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**Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

**Element User Note:** *The SN1-03 should include the same Unit of Measure as included in the 850 and 860 transactions.*

**All valid X12 codes are used. (Total Codes: 884)**

## Segment User Note:

*The EDI 856 ASN should represent items/quantities being shipped for the specific ship-to location for the carrier assigned tracking number.*

# PID Product/Item Description - ASN Item Level

Pos: 0700	Max: 200
Detail - Optional	
Loop: HL	Elements: 2

**User Option (Usage):** Mandatory

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

### Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PID01	349	Item Description Type	M	ID	1/1	Mandatory
<b>Description:</b> Code indicating the format of a description						
<b>CodeList Summary</b> (Total Codes: 3, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		F		Free-form		
PID05	352	Description	X	AN	1/80	Mandatory
<b>Description:</b> A free-form description to clarify the related data elements and their content						

### Segment User Note:

*This value in the 856 PID-05 for the Item Description should match the value sent in the 850 Purchase Order and 860 Purchase Order Change documents.*

### Segment Data Example:

PID\F\*\*\*\*PRODUCT DESCRIPTION FIELD\

# REF Reference Information - ASN Item Level

Pos: 1500	Max: >1
Detail - Optional	
Loop: HL	Elements: 2

**User Option (Usage):** Conditional  
**Purpose:** To specify identifying information

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Mandatory
<b>Description:</b> Code qualifying the Reference Identification						
<b>CodeList Summary</b> (Total Codes: 1767, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		BC		Buyer's Contract Number		
		BM		Bill of Lading Number		
REF02	127	Reference Identification	X	AN	1/80	Mandatory
<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						

**Segment User Note:**

*BUYING AGREEMENT ID*  
 When REF-01=BC, then REF-02=Buying Agreement ID the same as sent in the 850 and 860 transactions. The Buying Agreement ID may not always be included in the 850 and 860 transactions.

*BILL OF LADING (optional)*  
 The Carrier's Bill of Lading number is optional in the ASN.  
 When REF-01=BM, then REF-02 should include the Bill of Lading number. A maximum of 30 alphanumeric positions is allowed. If included in the ASN, this value should be displayed on the Packing List.

**Segment Data Example:**

Buying Agreement ID REF\*BC\*AGREEMENT ID\  
 Bill of Lading REF\*BM\*999A\

# MAN Marks and Numbers Information - ASN Item Level

Pos: 1900	Max: >1
Detail - Optional	
Loop: HL	Elements: 2

**User Option (Usage):** Mandatory

**Purpose:** To indicate identifying marks and numbers for shipping containers

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MAN01	88	Marks and Numbers Qualifier	M	ID	1/2	Mandatory
<b>Description:</b> Code specifying the application or source of Marks and Numbers (87)						
<b>CodeList Summary</b> (Total Codes: 28, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		CP		Carrier-Assigned Package ID Number		
MAN02	87	Marks and Numbers	M	AN	1/48	Mandatory

**Description:** Marks and numbers used to identify a shipment or parts of a shipment

**Element User Note:** The maximum alphanumeric length allowed by Lowe's for this position is 30.

## Segment User Note:

The MAN segment is required for the Item level. This segment is used to provide the ship unit tracking number for the item. This tracking number is assigned by the Carrier.

This number is also required on the Packing Slip.

The Ship Unit Tracking Number (PRO #) in the EDI ASN MAN segment at the item level must be unique within the EDI ASN. The number can be repeated when multiple items are being shipped with the same Ship Unit Tracking Number. However, if different Ship Unit Tracking Numbers are used to ship items for a purchase order, different ASNs are required for each Ship Unit Tracking Number. Different Ship Unit Tracking Numbers cannot be sent in the same ASN.

Please review the business rules on the Ship Unit Tracking Number (PRO #) in this document  
[http://www.loweslink.com/llmain/pubdocuments/spmSpend\\_Management\\_Supplier\\_Requirements.pdf](http://www.loweslink.com/llmain/pubdocuments/spmSpend_Management_Supplier_Requirements.pdf).

## Segment Data Example:

MAN\*CP\*ABC123\

# CUR Currency - ASN Item Level

Pos: 3100	Max: 1
Detail - Optional	
Loop: HL	Elements: 2

**User Option (Usage):** Mandatory

**Purpose:** To specify the currency (dollars, pounds, francs, etc.) used in a transaction

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CUR01	98	Entity Identifier Code	M	ID	2/3	Mandatory

**Description:** Code identifying an organizational entity, a physical location, property or an individual

**CodeList Summary** (Total Codes: 1504, Included: 1)

<u>Code</u>	<u>Name</u>
SE	Selling Party

CUR02	100	Currency Code	M	ID	3/3	Mandatory
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**Description:** Code (Standard ISO) for country in whose currency the charges are specified

**Element User Note:** The CUR-02 should match the value sent in the 850 Purchase Order and 860 Purchase Order Change transactions. For USA locations, the currency code = USD. For Canadian locations, the currency code = CAD. The maximum length allowed by Lowe's for this position is 3.

## Segment Data Example:

Example for USA locations CUR\*SE\*USD\

Example for Canadian locations CUR\*SE\*CAD\



# CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

**User Option (Usage):** Mandatory

**Purpose:** To transmit a hash total for a specific element in the transaction set

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	Number of Line Items	M	N0	1/6	Mandatory

**Description:** Total number of line items in the transaction set

**Element User Note:** *The CTT-01 should include the number of HL segments present in the 856.*

## Segment Data Example:

CTT\*3\

# SE Transaction Set Trailer

Pos: 0200	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Mandatory

**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)

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	<b>Number of Included Segments</b>	M	N0	1/10	Mandatory
<b>Description:</b> Total number of segments included in a transaction set including ST and SE segments						
SE02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Mandatory
<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set						
<b>Element User Note:</b> <i>The SE-02 control number must match the control number in the ST-02 element.</i>						

## Segment User Note:

*SE-01 should include the number of segments between the ST and SE, including the ST and SE.*

## Segment Data Example:

SE\*99\*000000001\

# GE Functional Group Trailer

Pos:	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Mandatory

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GE01	97	<b>Number of Transaction Sets Included</b>	M	N0	1/6	Mandatory

**Description:** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element

GE02	28	<b>Group Control Number</b>	M	N0	1/9	Mandatory
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**Description:** Assigned number originated and maintained by the sender

**Element User Note:** *The GE-02 control number must match the control number in the GS-06 element.*

## Segment Data Example:

GE\*1\*000000009\

# IEA

## Interchange Control Trailer

Pos:	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Mandatory

**Purpose:** To define the end of an interchange of zero or more functional groups and interchange-related control segments

### Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IEA01	116	<b>Number of Included Functional Groups</b>	M	NO	1/5	Mandatory
IEA02	112	<b>Interchange Control Number</b>	M	NO	9/9	Mandatory

**Description:** A count of the number of functional groups included in an interchange

**Description:** A control number assigned by the interchange sender

**Element User Note:** *The IEA-02 control number must match the control number in the ISA-13.*

### Segment Data Example:

IEA\*1\*000000009\