

Ship Notice/Manifest  
ASN  
856 (Version 4010)

[data segment list](#)



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## Overview

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

The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment to the receiver of the transaction set. The receiver of this transaction set can be any organization having an interest in the information about the contents of a shipment.

The ship notice/manifest, often referred to as the ASN (Advance Ship Notice) is issued by the trading partner to let CTC know what products are included in the shipment leaving the trading partner's premises.

The 856 must arrive at CTC **a minimum of one hour** before the shipment arrives.

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## Structure of the 856

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The information for the ASN is organized into header information and six tables as outlined in the Data Segment List. The structure is hierarchical and designed to show relationships within a shipment, e.g., pallets on a truck, part numbers on the pallet, the cartons that parts are packed in, etc.

Each table is a level in the hierarchy. Each table begins with an HL segment. CTC has assigned the data element value for the HL segment in each table as follows:

Table 1 - Shipment	S	to identify data related to the trading partner's whole shipment, such as bill of lading quantity, weight, ship to etc.
Table 2 - Order	O	to identify data related to the trading partner's order and the CTC original purchase order
Table 3 - Tare	T	to identify pallets. If there are no identifiable pallets.
Table 4 - Pack	P	to identify the pack level i.e. the cartons, racks, bags etc., that items are shipped in.
Table 5 - Item	I	to identify the products being shipped, quantities, packaging etc.
Table 6 - Summary		This table contains summary information. Every transaction set contains a summary table.

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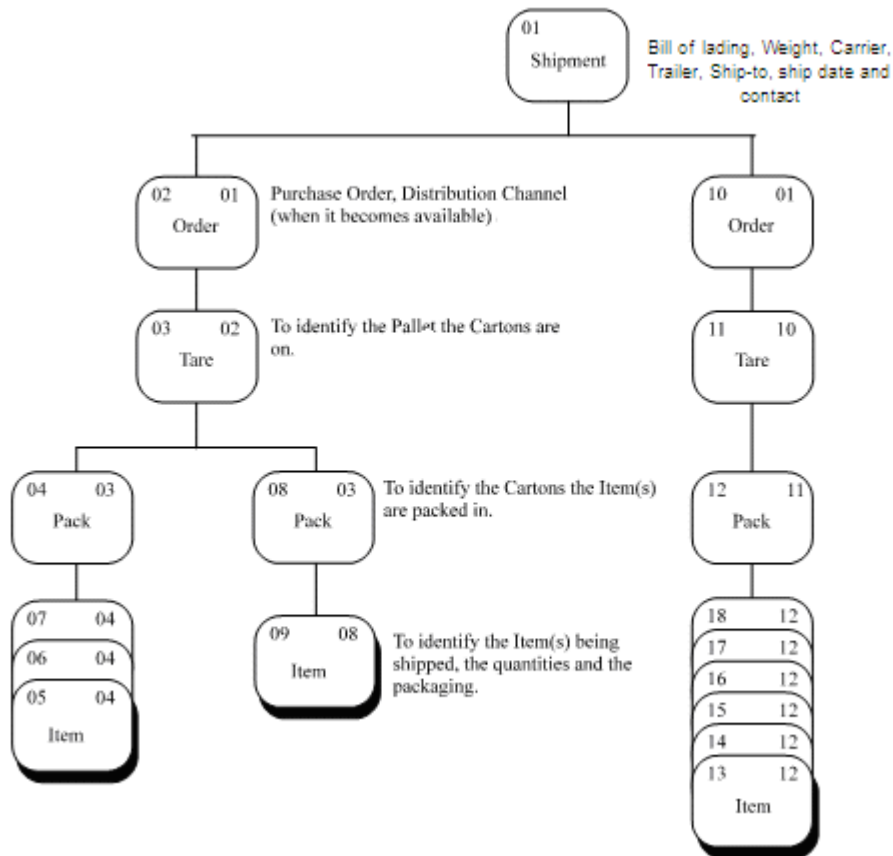
## Pick and Pack

The retail industry supports two methods of merchandise shipment packaging. Each structure contains the same levels, however the item level appears differently. CTC has adopted the Pick and Pack structure for ASN processing.

Ship Notices may only be issued for 850 transaction sets where BEG02 is coded SA (stand alone) or RA (Cross-dock) or BEG02 = DS (Direct Ship).

In the example below, the shipment contains two orders. In order #1, there are two cartons. The first carton contains three items (sku's) and the second contains one sku. In order #2, there is one carton containing six sku's.

The number in the top left of each box is the hierarchial sequence number (HL01). The number in the top right is the parent ID (HL02).



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## MH – 10 Shipping Container Marking label

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CTC requires that you label your shipping containers with the Shipping Container Marking or MH-10 label employing the UCC/EAN 128 serial number AND provide that information in the 856 ASN that you send to us. The purpose of the SCM is to uniquely identify each shipping container (carton or pallet) packed by a supplier in a shipment. The container number indicated in the 856 must match the bar coded number on the shipping container. The SCM label is the physical link to the information sent electronically.

For a copy of the CTC MH-10 Shipping Container Marking Label Guide, including a sample, or for more information on SCM labels, contact the CTC Electronic Commerce Dept at [ecommerce@cantire.com](mailto:ecommerce@cantire.com) or call the EC Helpline 416 480-8754.

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## Contact Information

EC/EDI issues while testing the 856:

Electronic Commerce Dept  
416-480-8754  
[ecommerce@cantire.com](mailto:ecommerce@cantire.com)

Business issues while testing the 856:

**Electronic Commerce Dept**  
416-480-8754  
[ecommerce@cantire.com](mailto:ecommerce@cantire.com)

EC/EDI issues when in production:

**Electronic Commerce Dept**  
416-480-8754  
[ecommerce@cantire.com](mailto:ecommerce@cantire.com)

Business issues when in production:

**Receiving**

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*IT WILL BE OF BENEFIT TO YOUR COMPANY TO READ THIS PAGE*

## **Functional Acknowledgments**

Canadian Tire Corporation will transmit 997 Functional Acknowledgments for ALL EDI transaction sets sent by our Trading Partners. The 997 will contain detailed information on any translation errors in your EDI transmission. CTC expects all Trading Partners to constantly check for 997's and respond to any translation errors in your transmissions or when a 997 is not received.

## **Business Overview**

**CTC will require 856 ASN's for all shipments being received at a Distribution Centre (DC) and for AOM direct ship orders ( BEG02=DS and REF02 of REF\*PHC of 850=A)**

It is the responsibility of the shipper to make certain the ASN arrives a minimum of one hour prior to the arrival of the truck at the DC or store, and that it is in a usable condition.

Cross Dock and Direct Ship suppliers require additional testing before implementation on the ASN for these channels.

## **Business Processing**

The following guidelines will help avoid receiving problems, invoice matching issues, and possible delays to your payments.

- ASN's need to be accurate. CTC systems are updated with this data and corrections time-consuming and costly.
- Merchandise cannot be received without an ASN. Please ensure that they arrive on time.
- Receiving data will be used to validate your invoice. Sending accurate data in your ASN will help eliminate delay in processing your invoice.



## Interpreting This Document

The "Z" indicates an ANSI Standard note below, related to this element.

ID & Num	Data Element Name	Req	Data Type	Min Max	Description	List of Values
<b>BIG</b>	<b>Segment ID</b>	M M				
BIG01 373	Date	M/Z M/Z	DT DT	8/8 8/8	Date the Invoice is issued. Format: (CCYMMDD)	
BIG02 76	Invoice Number	M M	AN AN	5/22 1/22	Identifying number assigned by issuer. Minimum 5 characters.	
<i>BIG03</i>						<i>Not Used</i>
BIG04 324	Purchase Order	M O	N0 AN	8/8 1/22	Identifying number for Purchase Order assigned by the orderer/purchaser. • <b>CTC PO NUMBER</b> Format: (NNNNNNNN)	

CTC requirements listed on first line — ANSI Standards listed below



### DATA SEGMENT LIST

Header Information	Pos. No.	Seg. ID	Segment Name	ANSI Req.	CTC Req.	Max Use	# of Repeats
	010	<a href="#">ST</a>	Transaction Set Header	M	M	1	
	020	<a href="#">BSN</a>	Beginning Segment for Ship Notice	M	M	1	
<b>Table 1:</b>	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Segment Name</b>	<b>ANSI Req.</b>	<b>CTC Req.</b>	<b>Max Use</b>	<b># of Repeats</b>
<b>Shipment Hierarchical Level</b>	LOOP ID – HL						200000
	040	<a href="#">HL</a>	Hierarchical Level	M	M	1	
	050	<a href="#">TD1</a>	Carrier Details (Qty and Weight)	O	M	20	
	055	<a href="#">TD5</a>	Carrier Details (Carrier Name)	O	M	12	
		<a href="#">TD3</a>	Carrier Details (Equipment)	O	O	12	
		<a href="#">REF</a>	Reference - VR	O	M	>1	
	060	<a href="#">PER</a>	Administrative Communications Contact	O	M	3	
	150	<a href="#">DTM</a>	Date/Time Reference - Order	O	M	10	
	LOOP ID – N1						200
	310	<a href="#">N1</a>	Name - ST	O	O	1	
<b>Table 2:</b>	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Segment Name</b>	<b>ANSI Req.</b>	<b>CTC Req.</b>	<b>Max Use</b>	<b># of Repeats</b>
<b>Order Hierarchical Level</b>	LOOP ID – HL						200,000
	040	<a href="#">HL</a>	Hierarchical Level	O	M	1	
	050	<a href="#">PRE</a>	Purchase Order Reference	O	M	1	
	050	<a href="#">TD1</a>	Carrier Details (Qty and Weight)	O	O	20	
<b>Table 3:</b>	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Segment Name</b>	<b>ANSI Req.</b>	<b>CTC Req.</b>	<b>Max Use</b>	<b># of Repeats</b>
<b>Tare Hierarchical Level</b>	LOOP ID – HL						200,000
	040	<a href="#">HL</a>	Hierarchical Level	O	O	1	
	050	<a href="#">TD1</a>	Carrier Details (Weight and Volume)	O	O	20	
	050	<a href="#">MAN</a>	Marks and Numbers	O	O	10	
<b>Table 4:</b>	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Segment Name</b>	<b>ANSI Req.</b>	<b>CTC Req.</b>	<b>Max Use</b>	<b># of Repeats</b>
<b>Pack Hierarchical Level</b>	LOOP ID – HL						200,000
	040	<a href="#">HL</a>	Hierarchical Level	O	O	1	
	050	<a href="#">TD1</a>	Carrier Details (Weight and Volume)	O	O	20	
	050	<a href="#">MAN</a>	Marks and Numbers	O	O	10	
	LOOP ID – N1						200
350	<a href="#">N1</a>	Name - MA	O	O	1		



Table 5:	Pos. No.	Seg. ID	Segment Name	ANSI Req.	CTC Req.	Max Use	# of Repeats
Item Hierarchical Level	LOOP ID – HL						200,000
	040	HL	Hierarchical Level	O	M	1	
	050	LIN	Item Identification	O	M	1	
	050	SN1	Item Detail (Shipment)	O	M	1	
	150	DTM	Date/Time Reference - Item	O	O	10	
Table 6:	Pos. No.	Seg. ID	Segment Name	ANSI Req.	CTC Req.	Max Use	# of Repeats
Summary	010	CTT	Transaction Totals	O	M	1	
	030	SE	Transaction Set Trailer	M	M	1	

**Data Mapping Examples**



## ST – Transaction Set Header

Header Information

Purpose	To indicate the start of a transaction set and to assign a control number
Sample	<b>ST*856*000000424.</b>

ID & Num	Data Element Name	Req	Data Type	Min Max	Description	List of Values
ST	Segment ID	M				
ST01	Transaction Set Identifier Code	M M	ID ID	3/3 3/3	Code uniquely identifying a Transaction Set ▪ <b>Ship Notice</b>	<b>856</b>
ST02	Transaction Set Control Number	M M	AN AN	4/9 4/9	Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set.	

### Semantics:

The Transaction Set Identifier (ST01) Used By The Translation Routines Of The Interchange Partners To Select The Appropriate Transaction Set Definition (E.G. 810 Selects The Invoice Transaction Set).



## BSN - Beginning Segment for Ship Notice

Header Information

Purpose	To indicate the beginning of a ship notice transaction set and to specify identifying numbers, dates and other basic data.
Example	To indicate an original Bill of Lading # TOR1234567, created May 01, 2003 @ 4:59:24 p.m.
Sample	<b>BSN*00*TOR1234567*20030501*165924.</b>

ID & Num	Data Element Name	Req	Data Type	Min Max	Description	List of Values
<b>BSN</b>	<b>Segment ID</b>	<b>M</b> <i>M</i>				
BSN01 353	Transaction Set Purpose Code	M <i>M</i>	ID <i>ID</i>	2/2 2/2	Code identifying purpose of transaction set. ▪ <b>Original</b> ▪ <b>Duplicate (re-submission)</b>	<b>00</b> <b>07</b>
BSN02 396	Shipment Identification	M <i>M</i>	AN <i>AN</i>	2/30 2/30	Bill of Lading number	
BSN03 373	Date	M <i>M</i>	DT <i>DT</i>	8/8 1/22	The date the shipment transaction set is created Format: (CCYYMMDD)	
BSN04 337	Time	M <i>M</i>	TM <i>TM</i>	4/6 8/8	The time the shipment transaction set is created Format: (HHMMSS)	
<i>BSN06 - BSN07</i>					<i>Not used</i>	

### SEMANTIC NOTES

- 03 BSN03 is the date the shipment transaction set is created.  
04 BSN04 is the time the shipment transaction set is created.

### CTC NOTES:

- BSN01 - To correct or change an ASN, the Purpose code should be 07 for type "B" orders (REF02 of REF\*PHC of 850=B) only. Otherwise, duplicate "00" ASNs will be automatically rejected.
- BSN02 - The Shipment Identification must always be unique for every ASN.
- ASNs must contain POs of the same Process Handling Type. Only one Process Handling type per ASN ( 850 – REF02 in the REF\*PHC )



## HL - Hierarchical Level

Table 1 Shipment Hierarchical Level

Purpose	To identify the data requirements at the shipment level.
Example	To indicate the Shipment hierarchical level.
Sample	<b>HL*1**S.</b>

ID & Num	Data Element Name	Req	Data Type	Min Max	Description	List of Values
HL	Segment ID	M O				
HL01 628	Hierarchical ID Number	M M	AN AN	1/12 1/12	A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	1
HL02					<i>Not used</i>	
HL03 735	Hierarchical Level Code	M M	ID ID	1/2 1/2	Code defining the characteristic of a level in a hierarchical structure ▪ <b>Shipment</b>	S
HL04					<i>Not used</i>	

### COMMENTS

- 00 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
- 00 The HL segment defines a top-down/left-right ordered structure.
- 01 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
- 03 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.



## TD1 - Carrier Details (Qty and Weight)

Table 1 Shipment Hierarchical Level

Purpose	To specify the transportation details relative to commodity, weight, and quantity
Example	To indicate a shipment of 20 standard pallets at a gross weight of 15546 pounds.
Sample	<b>TD1*PLT90*20****G*15546*LB.</b>

ID & Num	Data Element Name	Req	Data Type	Min Max	Description	List of Values
TD1	Segment ID	M O				
TD101 103	Packaging Code	M O	AN AN	3/5 3/5	Code identifying the type of packaging	
TD102 80	Lading Qty	M C	N0 N0	1/7 1/7	Number of units (as per TD101) in the shipment	
<i>TD103 - TD105</i>					<i>Not used</i>	
TD106 187	Weight Qualifier	M O	ID ID	1/2 1/2	Code defining the type of weight ▪ <b>Gross Weight</b>	<b>G</b>
TD107 81	Weight	C C	R R	1/10 1/10	Numeric value of weight	
TD108 355	Unit of Measure Code	C C	ID ID	2/2 2/2	Code specifying the units in which a value is being expressed. ▪ <b>Kilogram</b> ▪ <b>Pound</b>	<b>KG</b> <b>LB</b>

### SYNTAX NOTES

- 01 C0102 - If TD101 is present, then TD102 is required.
- 06 C0607 - If TD106 is present, then TD107 is required.
- 07 P0708 - If either TD107 or TD108 is present, then the other is required.

Shipping Container Codes ( 850 PO404)			
Bag	BAG90	Lift	LIF90
Barrel	BBL90	Master Box/Carton	BXI90
Box	BOX90	Package	PKG90
Bundle	BDL90	Pallet	PLT90
Can	CAN90	Piece	PCS90
Carton	CTN90	Roll	ROL90
Case	CAS90	Sleeve	SLV90
Coil	COL90	Spool	SPL90
Crate	CRT90	Tray	TRY90
Drum	DRM90	Tube	TBE90
Jar	JAR90	Unit	UNT90
Kit	KIT90		



## TD5 - Carrier Details (Routing)

Table 1 Shipment Hierarchical Level

Purpose	To provide the carrier name.
Example	To identify Canadian Tire Corporation as a motor carrier.
Sample	<b>TD5****M*CANADIAN TIRE.</b>

ID & Num	Data Element Name	Req	Data Type	Min Max	Description	List of Values
TD5	Segment ID	M O				
<i>TD501 - TD503</i>					<i>Not used</i>	
TD504 91	Transportation Method/Type Code	M C	ID ID	1/2 1/2	Code specifying the method or type of transportation for the shipment	
TD505 387	Routing	M C	AN AN	1/35 1/35	Free-form description the originating carrier's identity	
<i>TD506 - TD512</i>					<i>Not used</i>	

### SYNTAX NOTES

05 C0708 - If TD507 is present, then TD508 is required.





### TD3 - Carrier Details (Equipment)

Table 1 Shipment Hierarchical Level

Purpose	To provide the trailer number.
Example	To indicate that the shipment is on trailer XYZ, #998670.
Sample	<b>TD3*TL*XYZ*998670.</b>

ID & Num	Data Element Name	Req	Data Type	Min Max	Description	List of Values
TD3	Segment ID	O O				
TD301 40	Equipment Description Code	M C	ID ID	2/2 2/2	Code identifying type of equipment used for shipment ▪ <b>Trailer</b>	TL
TD302 206	Equipment Initial	O O	AN AN	1/4 1/4	Prefix or alphabetic part of an equipment unit's identifying number	
TD303 207	Equipment Number	M C	AN AN	1/10 1/10	Serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred) ▪ <b>Trailer number</b>	
TD304 - TD309					Not used	

#### SYNTAX NOTES

- 01 E0110 - Only one of TD301 or TD310 may be present.
- 02 C0203 - If TD302 is present, then TD303 is required.

#### CTC NOTES

- ◆ If trailer number not available use 99NNNN (where NNNN is the Vendor ID, the same as REF02 in REF segment with 'VR' qualifier)
- ◆ Appointment Vendors
  - If your firm uses a prepaid carrier to send product to our distribution centre, you will be given an appointment number. The appointment number must be entered in the trailer field (TD303) in the ASN. The correct format for the appointment number is A#####, where #### is the appointment number.
  - In order for the DC to be ready to receive your product at your scheduled dock time, we require your ASN the night before your appointment.
  - Put "COMC" in the TD505 segment to indicate that you are using a common carrier.

#### Example:

TD5\*\*\*M\*COMC  
TD3\*TL\*\*A12345



## REF – Vendor Reference

Table 1 Shipment Hierarchical Level

Purpose	To identify the Supplier for which the Order is intended.
Example	To identify that the order is for Vendor #9999.
Sample	<b>REF*VR*9999.</b>

ID & Num	Data Element Name	Req	Data Type	Min Max	Description	List of Values
REF	Segment ID	M O				
REF01 128	Reference Identification Qualifier	M M	ID ID	2/2 2/2	Code qualifying the reference identification ▪ <b>Vendor Number</b>	VR
REF02 127	Reference Identification	C C	AN AN	1/30 1/30	Reference information as specified by the Reference Identification Qualifier. CTC Vendor Number for the Supplier from which the merchandise is being ordered.	
REF03 - REF04					Not used	

### SYNTAX NOTES

02 R0203 - At least one of REF02 or REF03 is required.

## PER - Administrative Communications Contact

Table 1 Shipment Hierarchical Level

Purpose	To send the name and contact number of the individual at the supplier's location for questions about the Ship Notice.
Example	To identify David Alexander as the supplier contact and provide his phone number.
Sample	<b>PER*DI*DAVID ALEXANDER*TE*416-333-3333.</b>

ID & Num	Data Element Name	Req	Data Type	Min Max	Description	List of Values
PER	Segment ID	M M				
PER01 366	Contact Function Code	M M	ID ID	2/2 2/2	Code identifying the responsibility of the person named ▪ <b>Delivery Instructions Contact</b>	DI
PER02 93	Name	M O	AN AN	1/35 1/80	Person responsible for the data within the Ship Notice	
PER03 365	Communications Number Qualifier	M C	ID ID	2/2 2/2	Code identifying the type of communication number ▪ <b>Telephone Number</b>	TE
PER04 364	Communications Number	C C	AN AN	7/25 1/80	Telephone Number	
PER05 - PER06					Not used	

### SYNTAX NOTES

03 P0304 - If either PER03 or PER04 is present, then the other is required.



## DTM - Actual Ship Date / Time Reference

Table 1 Shipment Hierarchical Level

Purpose	To identify the date the product was shipped.
Example	To indicate that the order was shipped May 1, 2003.
Sample	<b>DTM*011*20030501.</b>

ID & Num	Data Element Name	Req	Data Type	Min Max	Description	List of Values
<b>DTM</b>	<b>Segment ID</b>	<b>M</b> <b>O</b>				
DTM01 374	Date / Time Qualifier	M M	ID ID	3/3 3/3	Code specifying type of date ▪ <b>Shipped</b>	<b>011</b>
DTM02 373	Date	C C	DT DT	8/8 8/8	Actual date goods shipped Format: (CCYYMMDD)	
<i>DTM03 - DTM05</i>					<i>Not used</i>	

### SYNTAX NOTES

02 R020305 - At least one of DTM02, DTM03 or DTM05 is required.

## N1 – Ship-to Name

Table 1 Shipment Hierarchical Level

Purpose	To send the CTC receiving facility (ship-to) name.
Example	To specify the Brampton Distribution Centre as the ship-to location.
Sample	<b>N1*ST**9*2016136689003.</b>

ID & Num	Data Element Name	Req	Data Type	Min Max	Description	List of Values
<b>N1</b>	<b>Segment ID</b>	<b>O</b> <b>O</b>				
N101 98	Entity Identifier Code	M M	ID ID	2/3 2/3	Code identifying a physical location. • <b>Ship To</b>	<b>ST</b>
<i>N102</i>					<i>Not used</i>	
N103 66	Identification Code Qualifier	M C	ID ID	1/2 1/2	Code designating the method of code structure used for Identification Code • <b>Distribution Centre</b>	<b>9</b>
N104 67	Identification Code	C C	AN AN	4/13 2/80	CTC Distribution Centre or EAP Depot number from PO	
<i>N105 - N106</i>					<i>Not used</i>	

### Syntax Notes:

01 R0203 - At least one of N102 or N103 is required.

03 P0304 - If either N103 or N104 is present, then the other is required.

### CTC Notes : For direct ship only

N1 segment optional for Direct Ship ONLY at Shipment Level or use **N1\*ST\*\*9\*2016136689000** or **N1\*MA\*\*92\*xxxx~** where the N104 is the four or five digit store number .

Lists of Ship-to codes and addresses are available as a separate document.



## HL - Hierarchical Level

Table 2 Order Hierarchical Level

Purpose	To identify the data requirements at the order level.
Example	To indicate the order hierarchical level.
Purpose	<b>HL*10*1*O.</b>

ID & Num	Data Element Name	Req	Data Type	Min Max	Description	List of Values
HL	Segment ID	M O				
HL01 628	Hierarchical ID Number	M M	AN AN	1/12 1/12	A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	
HL02 734	Hierarchical Parent ID Number	M M	AN AN	1/12 1/12	Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	
HL03 735	Hierarchical Level Code	M M	ID ID	1/2 1/2	Code defining the characteristic of a level in a hierarchical structure ▪ <b>Order</b>	<b>O</b>
HL04					Not used	

### COMMENTS

- 00 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
- 00 The HL segment defines a top-down/left-right ordered structure.
- 01 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
- 03 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.



## PRF – Purchase Order Reference

Table 2 Order Hierarchical Level

Purpose	To cross reference the purchase order number associated with this ship notice.
Example	To cross reference this ship notice to the original purchase order #99991234 dated February 14, 2003.
Sample	<b>PRF*99991234***20030214.</b>

ID & Num	Data Element Name	Req	Data Type	Min Max	Description	List of Values
PRF	Segment ID	M O				
PRF01 324	Purchase Order Number	M M	AN AN	8/8 1/22	Identifying number for Purchase Order assigned by the orderer/purchaser. CTC PO Number	
<i>PRF02 - PRF03</i>		<i>Not used</i>				
PRF04 323	Purchase Order Date	M O	DT DT	8/8 8/8	Date merchandise ordered. BEG05 of the 850. Format: (CCYYMMDD)	
<i>PRF05 - PRF07</i>		<i>Not used</i>				

### SEMANTIC NOTES

04 PRF04 is the date assigned by the purchaser to purchase order.



## TD1 - Carrier Details (Qty and Weight)

Table 2 Order Hierarchical Level

Purpose	To specify the transportation details relative to commodity, weight, and quantity
Example	To indicate an order of 20 standard pallets at a gross weight of 15546 pounds.
Sample	<b>TD1*PLT90*20****G*15546*LB.</b>

ID & Num	Data Element Name	Req	Data Type	Min Max	Description	List of Values
TD1	Segment ID	O O				
TD101 103	Packaging Code	M O	AN AN	3/5 3/5	Code identifying the type of packaging	
TD102 80	Lading Qty	M C	N0 N0	1/7 1/7	Number of units (as per TD101) in the order	
<i>TD103 - TD105</i>					<i>Not used</i>	
TD106 187	Weight Qualifier	M O	ID ID	1/2 1/2	Code defining the type of weight ▪ <b>Gross Weight</b>	<b>G</b>
TD107 81	Weight	C C	R R	1/10 1/10	Numeric value of weight	
TD108 355	Unit of Measure Code	C C	ID ID	2/2 2/2	Code specifying the units in which a value is being expressed. ▪ <b>Kilogram</b> ▪ <b>Pound</b>	<b>KG</b> <b>LB</b>

### SYNTAX NOTES

- 01 C0102 - If TD101 is present, then TD102 is required.
- 06 C0607 - If TD106 is present, then TD107 is required.
- 07 P0708 - If either TD107 or TD108 is present, then the other is required.



## HL - Hierarchical Level

Table 3 Tare Hierarchical Level

Purpose	To identify the data requirements related to a pallet.
Example	To identify this level as Tare (pallet).
sample	<b>HL*20*10*T.</b>

ID & Num	Data Element Name	Req	Data Type	Min Max	Description	List of Values
<b>HL</b>	<b>Segment ID</b>	<b>O</b> <b>O</b>				
HL01 628	Hierarchical ID Number	M M	AN AN	1/12 1/12	A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	
HL02 734	Hierarchical Parent ID Number	M M	AN AN	1/12 1/12	Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	
HL03 735	Hierarchical Level Code	M M	ID ID	1/2 1/2	Code defining the characteristic of a level in a hierarchical structure ▪ <b>Shipping Tare</b>	<b>T</b>
<i>HL04</i>					<i>Not used</i>	

### COMMENTS

- 00 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
- 00 The HL segment defines a top-down/left-right ordered structure.
- 01 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
- 03 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.

### CTC NOTES

- ◆ The Tare level is optional, but one of the Tare or the Pack level must be present. For cross-dock and direct ship PO's (850 BEG02 = RA or DS), the Pack level is MANDATORY.



## TD1 - Carrier Details (Weight and Volume)

Table 3 Tare Hierarchical Level

Purpose	To specify the transportation details relative to commodity, weight, and quantity for the pallet. Used only for cross-dock orders.
Example	To indicate a pallet at a gross weight of 15546 pounds and a volume of 1245 cubic feet.
Sample	<b>TD1*****G*15546*LB*1245*CF.</b>

ID & Num	Data Element Name	Req	Data Type	Min Max	Description	List of Values
TD1	Segment ID	O O				
<i>TD101 - TD105</i>					<i>Not used</i>	
TD106 187	Weight Qualifier	M O	ID ID	1/2 1/2	Code defining the type of weight ▪ <b>Gross Weight</b>	G
TD107 81	Weight	C C	R R	1/10 1/10	Numeric value of weight	
TD108 355	Unit of Measure Code	C C	ID ID	2/2 2/2	Code specifying the units in which a value is being expressed. ▪ <b>Kilogram</b> ▪ <b>Pound</b>	KG LB
TD109 183	Volume	M C	R R	1/8 1/8	Value of volumetric measure	
TD110 355	Unit of Measure Code	C C	ID ID	2/2 2/2	Code specifying the units in which a value is being expressed. ▪ <b>Cubic Feet</b> ▪ <b>Cubic Metre</b>	CF CR

### SYNTAX NOTES

- 06 C0607 - If TD106 is present, then TD107 is required.
- 07 P0708 - If either TD107 or TD108 is present, then the other is required.
- 09 P0910 - If either TD109 or TD110 is present, then the other is required.





## MAN – Marks & Numbers

Table 3 Tare Hierarchical Level

Purpose	To indicate identifying marks and numbers for the pallet. This segment may be used at the Tare level, Pack level, or both. If both, and MAN01 is GM, then the numbers must be unique. If the orders are not palletized, this segment may be omitted.
Example	To indicate a UCC-128 serial number of (00) 0 00 99999 000012345 8.
Sample	<b>MAN*GM*00000999990000123458.</b>

ID & Num	Data Element Name	Req	Data Type	Min Max	Description	List of Values
<b>MAN</b>	<b>Segment ID</b>	<b>O</b> <b>O</b>				
MAN01 88	Marks and Numbers Qualifier	M M	ID ID	1/2 1/2	Code specifying the application or source of Marks and Numbers (87) ▪ <b>UCC - 128 Serial Shipping Container Code</b>	<b>GM</b>
MAN02 87	Marks and Numbers	M M	AN AN	1/45 1/48	Marks and numbers used to identify a shipment or parts of a shipment. Serial Shipping Container Code or Shipper reference number.	
<i>MAN03 - MAN06</i>					<i>Not used</i>	

### CTC NOTES

- ◆ The MAN segment within the Tare level indicates a pallet is present.
- ◆ If the Tare level is used without the Pack level, the MAN segment must appear in the Tare level. The MAN segment is mandatory and must appear in EITHER the Tare level or the Pack level.
- ◆ The MAN segment at the Tare level is optional. For cross-dock and direct ship PO's (850 BEG02 = RA or DS), the MAN segment at the Pack level is MANDATORY.



## HL - Hierarchical Level

Table 4 Pack Hierarchical Level

Purpose	To identify the data requirements related to a package.
Example	To identify the pack hierarchical level.
Sample	<b>HL*30*20*P.</b>

ID & Num	Data Element Name	Req	Data Type	Min Max	Description	List of Values
HL	Segment ID	O O				
HL01 628	Hierarchical ID Number	M M	AN AN	1/12 1/12	A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	
HL02 734	Hierarchical Parent ID Number	M M	AN AN	1/12 1/12	Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	
HL03 735	Hierarchical Level Code	M M	ID ID	1/2 1/2	Code defining the characteristic of a level in a hierarchical structure ▪ <b>Pack</b>	<b>P</b>
HL04					Not used	

### COMMENTS

- 00 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
- 00 The HL segment defines a top-down/left-right ordered structure.
- 01 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
- 03 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.

### CTC NOTES

- ◆ The Pack level is optional, but one of the Tare or the Pack level must be present. For cross-dock or direct ship PO's (850 BEG02 = RA or DS), the Pack level is MANDATORY.

## TD1 - Carrier Details (Weight and Volume)

Table 4 Pack Hierarchical Level

Purpose	To specify the transportation details relative to commodity, weight, and quantity
Example	To indicate a package at a gross weight of 15546 pounds and a volume of 1245 cubic feet.
Sample	<b>TD1*****G*15546*LB*1245*CF.</b>

ID & Num	Data Element Name	Req	Data Type	Min Max	Description	List of Values
TD1	Segment ID	O O				
<i>TD101 - TD105</i>					<i>Not used</i>	
TD106 187	Weight Qualifier	M O	ID ID	1/2 1/2	Code defining the type of weight ▪ <b>Gross Weight</b>	<b>G</b>
TD107 81	Weight	C C	R R	1/10 1/10	Numeric value of weight	
TD108 355	Unit of Measure Code	C C	ID ID	2/2 2/2	Code specifying the units in which a value is being expressed. ▪ <b>Kilogram</b> ▪ <b>Pound</b>	<b>KG</b> <b>LB</b>
TD109 183	Volume	M C	R R	1/8 1/8	Value of volumetric measure	
TD110 355	Unit of Measure Code	C C	ID ID	2/2 2/2	Code specifying the units in which a value is being expressed. ▪ <b>Cubic Feet</b> ▪ <b>Cubic Metre</b>	<b>CF</b> <b>CR</b>

### SYNTAX NOTES

- 06 C0607 - If TD106 is present, then TD107 is required.
- 07 P0708 - If either TD107 or TD108 is present, then the other is required.
- 09 P0910 - If either TD109 or TD110 is present, then the other is required.



## MAN – Marks & Numbers

Table 4 Pack Hierarchical Level

Purpose	To indicate identifying marks and numbers for shipping containers. This segment may be used at the Tare level, Pack level, or both. If both, and MAN01 is GM, then the numbers must be unique.
Example	To indicate a UCC-128 serial number of (00) 0 00 99999 000012346 4.
Sample	<b>MAN*GM*00000999990000123464.</b>

ID & Num	Data Element Name	Req	Data Type	Min Max	Description	List of Values
<b>MAN</b>	<b>Segment ID</b>	<b>O</b> <b>O</b>				
MAN01 88	Marks and Numbers Qualifier	M M	ID ID	1/2 1/2	Code specifying the application or source of Marks and Numbers (87) ▪ <b>UCC - 128 Serial Shipping Container Code</b>	<b>GM</b>
MAN02 87	Marks and Numbers	M M	AN AN	1/45 1/48	Marks and numbers used to identify a shipment or parts of a shipment. Serial Shipping Container Code or Shipper reference number.	
<i>MAN03 - MAN06</i>					<i>Not used</i>	

### CTC NOTES

- ◆ If the Pack level is used without the Tare level, the MAN segment must appear in the Pack level. The MAN segment is mandatory and must appear in EITHER the Tare level or the Pack level.
- ◆ For cross-dock and direct ship PO's (850 BEG02 = RA or DS), the MAN segment at the Pack level is MANDATORY.



## N1 – Store Name

Table 1 Identification Information

Purpose	To send the CTC receiving facility (ship to) name.
Example	To specify Store #126 AT Yonge & Steeles as the ultimate destination for cross dock PO's.
Sample	<b>N1*MA**92*0126.</b>

ID & Num	Data Element Name	Req	Data Type	Min Max	Description	List of Values
<b>N1</b>	<b>Segment ID</b>	<b>O</b> <b>O</b>				
N101 98	Entity Identifier Code	M M	ID ID	2/3 2/3	Code identifying a physical location. ▪ <b>Ultimate Receiver (Cross Dock or Direct Ship)</b>	<b>MA</b>
<i>N102</i>					<i>Not used</i>	
N103 66	Identification Code Qualifier	M C	ID ID	1/2 1/2	Code designating the method of code structure used for Identification Code • <b>Store (Buyer Assigned)</b>	<b>92</b>
N104 67	Identification Code	C C	AN AN	4/5 2/80	CTC Store Number Format (NNNN – existing store or NNNNN – New store)	
<i>N105 - N106</i>					<i>Not used</i>	

### Syntax Notes:

- 01 R0203 - At least one of N102 or N103 is required.
- 03 P0304 - If either N103 or N104 is present, then the other is required.

### CTC NOTES

- ◆ This iteration of the N1 segment will only be sent for Cross Dock or Direct Ship orders (850 BEG02 = RA or DS).
- ◆ A new store will have a prefix of "7" in front of the original store number to differentiate between to the current and new locations. (eg. current store # 0126 new store # 70126)

Lists of store numbers and addresses are available as a separate document. Contact [ecommerce@cantire.com](mailto:ecommerce@cantire.com)



## HL - Hierarchical Level

Table 5 Item Hierarchical Level

Purpose	To identify the data requirements related to items.
Example	To identify the item hierarchical level.
Sample	<b>HL*40*30*I.</b>

ID & Num	Data Element Name	Req	Data Type	Min Max	Description	List of Values
<b>HL</b>	<b>Segment ID</b>	<b>M</b> <b>O</b>				
HL01 628	Hierarchical ID Number	M M	AN AN	1/12 1/12	A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	
HL02 734	Hierarchical Parent ID Number	M M	AN AN	1/12 1/12	Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	
HL03 735	Hierarchical Level Code	M M	ID ID	1/2 1/2	Code defining the characteristic of a level in a hierarchical structure ▪ <b>Item</b>	<b>I</b>
<i>HL04</i>					<i>Not used</i>	

### COMMENTS

- 00 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
- 00 The HL segment defines a top-down/left-right ordered structure.
- 01 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
- 03 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.



## LIN – Item Identification

Table 5 Item Hierarchical Level

Purpose	To specify basic item identification data.
Example	To indicate the SKU as CTC product number 099-9999-6.
Sample	<b>LIN*1*SK*099-9999-6.</b>

ID & Num	Data Element Name	Req	Data Type	Min Max	Description	List of Values
LIN	Segment ID	M O				
LIN01 350	Assigned Identification	M O	ID ID	1/11 1/20	Line Sequence Number. PO101 of 850 PO.	
LIN02 235	Product/Service ID Qualifier	M M	R R	2/2 2/2	Code identifying the type of the descriptive number used. ▪ <b>Stock Keeping Unit</b>	<b>SK</b>
LIN03 234	Product/Service ID	M M	ID ID	1/30 1/48	Identifying number for a product. CTC Product Number. Format: (NNN-NNNN-N)	
LIN04 235	Product/Service ID Qualifier	O C	R R	2/2 2/2	Code identifying type of descriptive number used. ▪ <b>EAN Code (UCC-14)</b> ▪ <b>UPC Code (UCC-12)</b>	<b>EN UP</b>
LIN05 234	Product/Service ID	C C	ID ID	1/30 1/48	Identifying number for a product. UPC/EAN Code for this product.	

### SYNTAX NOTES

04 P0405 - If either LIN04 or LIN05 is present, then the other is required.

### SEMANTIC NOTES

01 LIN01 is the line item identification



## SN1 – Item Detail (Shipment)

Table 5 Item Hierarchical Level

Purpose	To specify line item detail relative to the shipment.
Example	To indicate a quantity shipped of 24 units.
Sample	<b>SN1**24*EA.</b>

ID & Num	Data Element Name	Req	Data Type	Min Max	Description	List of Values
LIN	Segment ID	M O				
<i>SN101</i>						<i>Not Used</i>
SN102 382	Number of Units Shipped	M M	R R	1/10 1/10	Numeric value of CTC units (NNN-NNNN-N) being shipped.	
SN103 355	Unit of Measure Code	M M	ID ID	2/2 2/2	Code specifying the units in which a value is being expressed. ▪ <b>Each</b>	EA

### COMMENTS

03 SN103 defines the unit of measurement for both SN102 and SN104.

## DTM - Requested Ship Date / Time Reference

Table 1 Shipment Hierarchical Level

Purpose	To send the requested ship date for this specific line item.
Example	To indicate a requested ship date of May 1, 2003
Sample	<b>DTM*010*20030501.</b>

ID & Num	Data Element Name	Req	Data Type	Min Max	Description	List of Values
DTM	Segment ID	O O				
DTM01 374	Date / Time Qualifier	M M	ID ID	3/3 3/3	Code specifying type of date ▪ <b>Requested Ship Date</b>	010
DTM02 373	Date	C C	DT DT	8/8 8/8	Actual date goods shipped Format: (CCYYMMDD)	
<i>DTM03 - DTM05</i>						<i>Not used</i>

### SYNTAX NOTES

02 R020305 - At least one of DTM02, DTM03 or DTM05 is required

### CTC NOTES

- ◆ The DTM segment is MANDATORY for Legacy PO's (850 REF\*PHC, when REF02 = B) and optional for AOM POs (850 REF\*PHC, when REF02=A)





### CTT – Transaction Totals

Table 3 Summary Information

Purpose	To transmit a hash total for the transaction set. TOTAL NUMBER OF HL SEGMENTS.
Example	To advise that 5 HL segments were sent in this set.
Sample	<b>CTT*5.</b>

ID & Num	Data Element Name	Req	Data Type	Min Max	Description	List of Values
<b>CTT</b>	<b>Segment ID</b>	<b>M</b> <b>O</b>				
CTT01 354	Number of Line Items	M M	NO NO	1/6 1/6	Total number of HL Segments in the transaction set.	
<i>CTT02 - CTT07</i>						<i>Not Used</i>

**Comments:**

00 This segment is intended to provide hash totals to validate transaction completeness and correctness.

### SE – Transaction Set Trailer

Table 3 Summary Information

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).
Sample	<b>SE*15*000000424</b>

ID & Num	Data Element Name	Req	Data Type	Min Max	Description	List of Values
<b>SE</b>	<b>Segment ID</b>	<b>M</b> <b>M</b>		<b>1</b>		
SE01 96	Number of Included Segments	M M	NO NO	1/10 1/10	Total number of segments including ST and SE .	
SE02 329	Transaction Set Control Number	M M	AN AN	4/9 4/9	Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set.	

**COMMENTS**

00 SE is the last segment of each transaction set.



## EDI Examples

<b>Example #1</b>	<b>BOL</b>	<b>PROCESS HANDLING - LEGACY CHANNEL - STORAGE MULTIPLE SKUs</b>
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ABC COMPANY  
2180 Yonge Street  
Toronto, Ontario  
M4P 2V8  
(416) 333-3333

Customer Name:	Canadian Tire Corporation Ltd.	BOL No.:	TOR1234567
Ship To Address:	Brampton Distribution Center 2111 Steeles Ave. Brampton, Ontario	Ship Date:	2003/05/01
		Carrier Name:	CTC
		Shipment ID:	87654321

Purchase Order #	Customers Product #	ABC Product #	Qty Order	Qty Ship	# of Ctns./ Pallets	Wgt. lbs
99991235	099-9997-0	1234-4319	72	72	1.5/1	75
99991235	099-9998-8	1234-4320	48	48	1/0	37
99991235	099-9999-6	1234-4321	24	24	0.5/0	37
<b>TOTALS</b>				144	3/1	149



<b>Example #1</b>	<b>ASN</b>	<b>Multiple cartons Multiple items Multiple items in one carton MAN Segment at Pack Level</b>
	<b>LABEL</b>	<b>MH-10 Label on each carton (shipping container)</b>

BSN\*00\*TOR1234567\*20030501\*165924.  
**HL\*1\*\*S.**  
 TD1\*CTN90\*3\*\*\*\*G\*149\*LB.  
 TD5\*\*\*\*M\*CANADIAN TIRE.  
 TD3\*TL\*XYZ\*38670.  
 REF\*VR\*9999.  
 PER\*DI\*DAVID ALEXANDER\*TE\*416-333-3333.  
 DTM\*011\*20030501.  
 N1\*ST\*\*9\*2016136689003.  
**HL\*10\*1\*O.**  
 PRF\*99991235\*\*\*20030214.  
**HL\*20\*10\*P.**  
 MAN\*GM\*00000999990000123463.  
**HL\*30\*20\*I.**  
 LIN\*1\*SK\*099-9997-0.  
 SN1\*\*48\*EA.  
 DTM\*010\*20030501.  
**HL\*40\*10\*P.**  
 MAN\*GM\*00000999990000123470.  
**HL\*50\*40\*I.**  
 LIN\*1\*SK\*099-9997-0.  
 SN1\*\*24\*EA.  
 DTM\*010\*20030501.  
**HL\*60\*40\*I.**  
 LIN\*1\*SK\*099-9999-6.  
 SN1\*\*24\*EA.  
 DTM\*010\*20030501.  
**HL\*70\*10\*P.**  
 MAN\*GM\*00000999990000123487.  
**HL\*80\*70\*I.**  
 LIN\*1\*SK\*099-9998-8.  
 SN1\*\*48\*EA.  
 DTM\*010\*20030501.  
 CTT\*9.

This scenario can be used if quantities are large enough to require pallet loads of merchandise, particularly for storage at a DC. Consider the pallet as your shipping container. The pallet must be self-contained (eg. shrink-wrapped) and an MH-10 Shipping Container Marking label is placed on each pallet. For multiple PO's see [Example 4](#).



<b>Example #2</b>	<b>BOL</b> <b>PROCESS HANDLING - LEGACY</b> <b>CHANNEL - STORAGE</b> <b>ONE SKU</b> <b>MULTIPLE PALLETS</b>
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ABC COMPANY  
 2180 Yonge Street  
 Toronto, Ontario  
 M4P 2V8  
 (416) 333-3333

Customer Name:	Canadian Tire Corporation Ltd.	BOL No.:	TOR1234567
Ship To Address:	Brampton Distribution Center	Ship Date:	2003/05/01
	2111 Steeles Ave.	Carrier Name:	CTC
	Brampton, Ontario	Shipment ID:	87654321

Purchase Order #	Customers Product #	ABC Product #	Qty Order	Qty Ship.	# of Ctns./ Pallets	Wgt. lbs
99991236	099-9999-6	1228866	1200	1200	36/3	300
<b>TOTALS</b>				1200	36/3	300



<b>Example #2</b>	<b>ASN</b>	<b>Multiple pallets Multiple cartons One item MAN Segment at Tare</b>
	<b>LABEL</b>	<b>MH-10 Label on Pallet</b>

BSN\*00\*TOR1234567\*20030501\*165924.  
**HL\*1\*\*S.**  
 TD1\*CTN90\*36\*\*\*\*G\*300\*LB.  
 TD5\*\*\*\*M\*CANADIAN TIRE.  
 TD3\*TL\*XYZ\*38670.  
 REF\*VR\*9999.  
 PER\*DI\*DAVID ALEXANDER\*TE\*416-333-3333.  
 DTM\*011\*20030501.  
 N1\*ST\*\*9\*2016136689003.  
**HL\*10\*1\*O.**  
 PRF\*99991235\*\*\*20030214.  
**HL\*20\*10\*T.**  
 MAN\*GM\*00000999990000123463.  
**HL\*30\*20\*I.**  
 LIN\*1\*SK\*099-9999-6.  
 SN1\*\*400\*EA.  
 DTM\*010\*20030501.  
**HL\*40\*10\*T.**  
 MAN\*GM\*00000999990000123472.  
**HL\*50\*40\*I.**  
 LIN\*1\*SK\*099-9999-6.  
 SN1\*\*400\*EA.  
 DTM\*010\*20030501.  
**HL\*60\*10\*T.**  
 MAN\*GM\*00000999990000123487.  
**HL\*70\*60\*I.**  
 LIN\*1\*SK\*099-9999-6.  
 SN1\*\*400\*EA.  
 DTM\*010\*20030501.  
 CTT\*8.



<b>Example #3</b>	<b>BOL</b>	<b>PROCESS HANDLING – AOM CHANNEL - CROSS-DOCK MULTIPLE SKUs MULTIPLE CARTONS</b>
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ABC COMPANY  
2180 Yonge Street  
Toronto, Ontario  
M4P 2V8  
(416) 333-3333

Customer Name:	Canadian Tire Corporation Ltd.	BOL No.:	CAL1234567
Ship To Address:	Calgary Distribution Center 6336 – 114 <sup>th</sup> Street Calgary, Alberta	Ship Date:	2003/05/01
		Carrier Name:	CTC
		Shipment ID:	87654321

Purchase Order #	Customers Product #	ABC Product #	Store #	Qty Order	Qty Ship	# of Ctns./ Pallets	Wgt. lbs
01132459	099-9998-8	1234-4321	0126	20	20	2/0	18
01132459	099-9998-8	1234-4321	70042	10	10	1/0	9
01132459	099-9998-8	1234-4321	0169	10	10	1/0	9
01132459	099-9999-6	1234-4320	0419	5	5	1/0	5
01132459	099-9999-6	1234-4320	70042	5	5	1/0	5
<b>TOTALS</b>			<b>TOTAL</b>	<b>30</b>	<b>30</b>	<b>6/0</b>	<b>46</b>



<b>Example #3</b>	<b>ASN</b>	<b>Multiple Stores Multiple Cartons Multiple SKU's MAN Segment at Pack</b>
	<b>LABEL</b>	<b>MH-10 Label on Carton</b>

BSN\*00\*CAL1234567\*20030501\*165924.  
**HL\*1\*\*S.**  
 TD1\*CTN90\*5\*\*\*\*G\*46\*LB.  
 TD5\*\*\*\*M\*CANADIAN TIRE.  
 TD3\*TL\*XYZ\*38670.  
 REF\*VR\*9999.  
 PER\*DI\*DAVID ALEXANDER\*TE\*416-333-3333.  
 DTM\*011\*20030501.  
 N1\*ST\*\*9\*2016136689007.  
**HL\*2\*1\*O.**  
 PRF\*01132459\*\*\*20030214.  
**HL\*3\*2\*P.**  
 TD1\*\*\*\*\*G\*9\*LB\*2\*CF.  
 MAN\*GM\*00000999990000123463.  
 N1\*MA\*\*92\*70042.  
**HL\*4\*3\*I.**  
 LIN\*1\*SK\*099-9998-8.  
 SN1\*\*10\*EA.  
**HL\*5\*2\*P.**  
 MAN\*GM\*00000999990000123470.  
 N1\*MA\*\*92\*70042.  
**HL\*6\*5\*I.**  
 LIN\*2\*SK\*099-9999-6.  
 SN1\*\*10\*EA.  
**HL\*7\*2\*P.**  
 MAN\*GM\*00000999990000123487.  
 N1\*MA\*\*92\*0126.

**HL\*8\*7\*I.**  
 LIN\*3\*SK\*099-9998-8.  
 SN1\*\*10\*EA.  
**HL\*9\*2\*P.**  
 MAN\*GM\*00000999990000123494.  
 N1\*MA\*\*92\*0126.  
**HL\*10\*9\*I.**  
 LIN\*3\*SK\*099-9998-8.  
 SN1\*\*10\*EA.  
**HL\*11\*2\*P.**  
 MAN\*GM\*00000999990000123500.  
 N1\*MA\*\*92\*0419.  
**HL\*12\*11\*I.**  
 LIN\*4\*SK\*099-9998-8.  
 SN1\*\*5\*EA.  
**HL\*13\*11\*I.**  
 LIN\*5\*SK\*099-9999-6.  
 SN1\*\*5\*EA.  
 CTT\*13.



<b>Example #4</b>	<b>BOL</b>	<b>PROCESS HANDLING – AOM/LEGACY CHANNEL - STORAGE MULTIPLE POs ONE CARTON MULTIPLE SKUs</b>
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ABC COMPANY  
2180 Yonge Street  
Toronto, Ontario  
M4P 2V8  
(416) 333-3333

Customer Name:	Canadian Tire Corporation Ltd.	BOL No.:	TOR1234567
Ship To Address:	Brampton Distribution Center 2111 Steeles Ave. Brampton, Ontario	Ship Date:	2003/05/01
		Carrier Name:	CTC
		Shipment ID:	87654321

Purchase Order #	Customers Product #	ABC Product #	Qty Order	Qty Ship	# of Ctns./ Pallets	Wgt. lbs
99991235	099-9997-0	1234-4319	10	10	1/0	10
99991236	099-9998-8	1234-4320	5	5	0/0	5
99991237	099-9999-6	1234-4321	5	5	0/0	5
<b>TOTALS</b>				144	1/0	20





<b>Example #4</b>	<b>ASN</b>	<b>One Carton          Multiple PO's          Multiple SKU's          MAN Segment at Pack</b>
	<b>LABEL</b>	<b>One MH-10 Label on Carton</b>

BSN\*00\*TOR1234567\*20030501\*165924.

**HL\*1\*\*S.**

TD1\*CTN90\*1\*\*\*\*G\*20\*LB.

TD5\*\*\*\*M\*CANADIAN TIRE.

TD3\*TL\*XYZ\*38670.

REF\*VR\*9999.

PER\*DI\*KATHY SMITH\*TE\*416-333-3333.

DTM\*011\*20030501.

N1\*ST\*\*9\*2016136689003.

**HL\*10\*1\*O.**

PRF\*99991235\*\*\*20030214.

**HL\*20\*10\*P.**

MAN\*GM\*00000999990000123463.

**HL\*30\*20\*I.**

LIN\*1\*SK\*099-9997-0.

SN1\*\*10\*EA.

DTM\*010\*20030501.

**HL\*40\*1\*O.**

PRF\*99991236\*\*\*20030214.

**HL\*50\*40\*P.**

MAN\*GM\*00000999990000123463.

**HL\*60\*50\*I.**

LIN\*1\*SK\*099-9998-8.

SN1\*\*5\*EA.

DTM\*010\*20030501.

**HL\*70\*1\*O.**

PRF\*99991237\*\*\*20030214.

**HL\*80\*70\*P.**

MAN\*GM\*00000999990000123463.

**HL\*90\*70\*I.**

LIN\*1\*SK\*099-9999-6.

SN1\*\*5\*EA.

DTM\*010\*20030501.

CTT\*10.

**Note:** All of the MAN02 elements contain the same UCC128 serial number, as there is only one Shipping Container / one label for all PO's.

This scenario can also be used for multiple PO's on a pallet. Consider the pallet as your shipping container. The pallet must be self-contained (eg. shrink-wrapped) and one MH-10 Shipping Container Marking label is placed on the pallet.



ABC COMPANY  
2180 Yonge Street  
Toronto, Ontario  
M4P 2V8  
(416) 333-3333

Customer Name:	Canadian Tire Corporation Ltd.	BOL No.:	CAL1234568
Ship To Address:	Calgary Distribution Center	Ship Date:	2003/05/01
	6336 – 114 <sup>th</sup> Street	Carrier Name:	CTC
	Calgary, Alberta	Shipment ID:	87654321

Purchase Order #	Customers Product #	ABC Product #	Store #	Qty Order	Qty Ship	# of Ctns./ Pallets	Wgt. lbs
01132460	099-9999-6	1234-4321	0126	20	20	2/0	18
01132460	099-9999-6	1234-4321	70042	10	10	1/0	9
01132460	099-9999-6	1234-4321	0419	5	5	1/0	9
01132460	099-9998-8	1234-4320	0419	5	5	1/0	5
01132460	099-9998-8	1234-4320	70042	5	5	1/0	5
<b>TOTALS</b>			<b>TOTAL</b>	30	30	6/0	46



<b>Example #5</b>	<b>ASN</b>	<b>Direct Ship Channel          Multiple Stores          Multiple Cartons          Multiple SKU's          MAN Segment at Pack</b>
	<b>LABEL</b>	<b>MH-10 Label on Carton</b>

BSN\*00\*CAL1234568\*20030501\*165924.  
**HL\*1\*\*S.**  
 TD1\*CTN90\*5\*\*\*G\*46\*LB.  
 TD5\*\*\*M\*CANADIAN TIRE.  
 TD3\*TL\*XYZ\*38670.  
 REF\*VR\*9999.  
 PER\*DI\*DAVID ALEXANDER\*TE\*416-333-3333.  
 DTM\*011\*20030501.  
**HL\*2\*1\*O.**  
 PRF\*01132460\*\*\*20030214.  
**HL\*3\*2\*P.**  
 MAN\*GM\*00000999990000123463.  
 N1\*MA\*\*92\*70042.  
**HL\*4\*3\*I.**  
 LIN\*1\*SK\*099-9998-8.  
 SN1\*\*5\*EA.  
**HL\*5\*2\*P.**  
 MAN\*GM\*00000999990000123470.  
 N1\*MA\*\*92\*70042.  
**HL\*6\*5\*I.**  
 LIN\*2\*SK\*099-9999-6.  
 SN1\*\*10\*EA.  
**HL\*7\*2\*P.**  
 MAN\*GM\*00000999990000123487.  
 N1\*MA\*\*92\*0126.

**HL\*8\*7\*I.**  
 LIN\*3\*SK\*099-9999-6.  
 SN1\*\*10\*EA.  
**HL\*9\*2\*P.**  
 MAN\*GM\*00000999990000123494.  
 N1\*MA\*\*92\*0126.  
**HL\*10\*9\*I.**  
 LIN\*3\*SK\*099-9999-6.  
 SN1\*\*10\*EA.  
**HL\*11\*2\*P.**  
 MAN\*GM\*00000999990000123500.  
 N1\*MA\*\*92\*0419.  
**HL\*12\*11\*I.**  
 LIN\*4\*SK\*099-9998-8.  
 SN1\*\*5\*EA.  
**HL\*13\*11\*I.**  
 LIN\*5\*SK\*099-9999-6.  
 SN1\*\*5\*EA.  
 CTT\*13.

