856 Ship Notice/Manifest

November 13, 2003
Introduction:

The vendor creates the Ship Notice at shipment time. We only require the 856 for shipments into True Value warehouse locations. **Please do not send Ship Notices for shipments to our stores.**

We normally pick up EDI transmissions several times a day. If there are concerns that a shipment may arrive at the RDC before the ship notice, call to discuss these special transmission requirements.

We always send 997 Functional Acknowledgements.

We can send acknowledgements at two levels: group and transaction.

Notes:

Notes:

The 856 Ship Notice Manifest is hierarchical in structure. True Value Company expects three hierarchical levels in the document:

SHIPMENT Data that applies to the whole shipment
ORDER   Data related to True Value Company's purchase order
ITEM   Data identifying the product shipped

True Value Company currently does not require information for how the product is shipped, such as pieces per carton and carton markings. There are currently no label requirements.

In the future, True Value Company will require carton markings (UCC-128) for the shipment. In anticipation of this, we now require the shipment be packed by purchase order. We allow merchandise from multiple purchase orders on one shipment, but each pallet or carton must contain merchandise from only ONE purchase order. The vendor may mix product on a pallet or within the carton, but it all must be for the SAME purchase order.
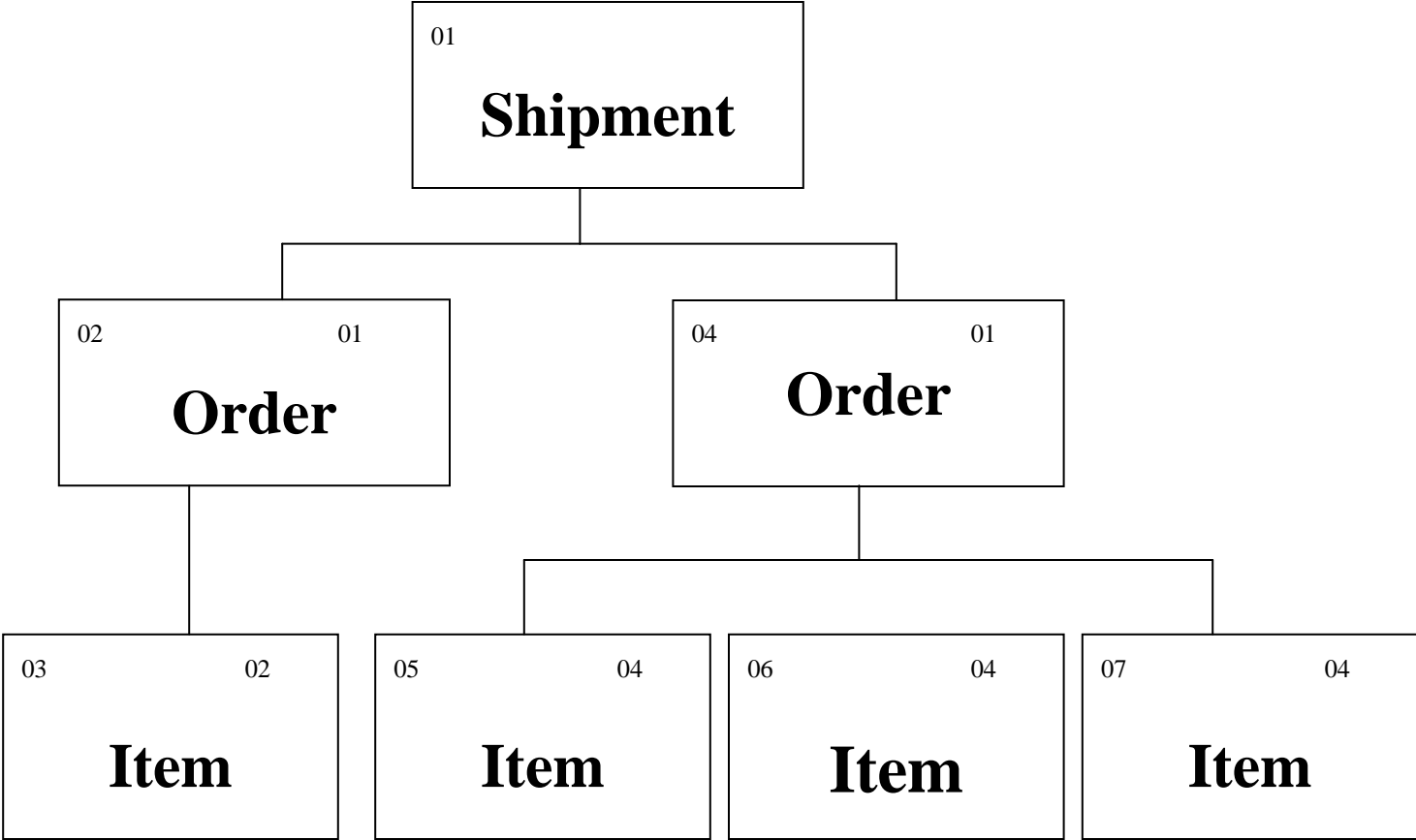
Document Structure Example:

Each 856 has one SHIPMENT level hierarchy containing one or more ORDER levels. Each ORDER level contains one or more ITEM levels.

In the following example, the shipment contains two orders.

The second order contains three items.

Each box on this diagram represents one hierarchical level (one HL segment followed by data segments). The number in each box (top left corner) is the hierarchical sequence number (the number in HL01). The number in the top right is the parent ID (HL02). Note that the numbering sequence for the HL01 is top-to-bottom, left-to-right.

Document Structure Example

```
                    ┌──────────────────┐
                    │ 01               │
                    │                  │
                    │    Shipment      │
                    │                  │
                    └──────────────────┘
              ┌──────────────┴──────────────┐
    ┌──────────────────┐          ┌──────────────────┐
    │ 02          01   │          │ 04          01   │
    │                  │          │                  │
    │     Order        │          │     Order        │
    │                  │          │                  │
    └──────────────────┘          └──────────────────┘
            │              ┌──────────┼──────────┐
  ┌──────────────┐  ┌──────────────┐ ┌──────────────┐ ┌──────────────┐
  │ 03     02    │  │ 05     04    │ │ 06     04    │ │ 07     04    │
  │              │  │              │ │              │ │              │
  │    Item      │  │    Item      │ │    Item      │ │    Item      │
  │              │  │              │ │              │ │              │
  └──────────────┘  └──────────────┘ └──────────────┘ └──────────────┘
```

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat
Must Use	010	ST	Transaction Set Header	M	1	
Must Use	020	BSN	Beginning Segment for Ship Notice	M	1	

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat
			LOOP ID – HL			1
Must Use	010	HL	Hierarchical Level	M	1	
Must Use	110	TD1	Carrier Details (Quantity and Weight)	M	3	
Must Use	120	TD5	Carrier Details (Routing Sequence/Transit Time)	M	1	
Must Use	150	REF	Reference Identification	M	3	
Must Use	200	DTM	Date/Time Reference	M	1	
			LOOP ID – N1			2
Must Use	220	N1	Name	M	1	
Must Use	250	N4	Geographic Location	M	1	
			LOOP ID – HL			100
Must Use	010	HL	Hierarchical Level	M	1	
Must Use	050	PRF	Purchase Order Reference	M	1	
			LOOP ID – HL			5000
Must Use	010	HL	Hierarchical Level	M	1	
Must Use	020	LIN	Item Identification	M	1	
Must Use	030	SN1	Item Detail (Shipment)	M	1	
	120	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1	

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat
Must Use	010	CTT	Transaction Totals	O	1	
Must Use	020	SE	Transaction Set Trailer	M	1	

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	ST01	143	Transaction Set Identifier Code	M	ID 3/3
			856 Ship Notice/Manifest		
Must Use	ST02	329	Transaction Set Control Number	M	AN 4/9

Segment: **BSN** Beginning Segment for Ship Notice
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	BSN01	353	Transaction Set Purpose Code	M	ID 2/2
			00 Original		
Must Use	BSN02	396	Shipment Identification	M	AN 2/30
			Number assigned by manufacturer to identify the shipment ***Please note – Every ship notice MUST carry a unique ASN number in this element. If you are sending additional ASN's for one PO – you MUST create a new BSN number. Duplicate BSN numbers will not be allowed to update our Purchase Order system.**		
Must Use	BSN03	373	Date	M	DT 8/8
Must Use	BSN04	337	Time	M	TM 4/8

Segment: **HL** Hierarchical Level
Position: 010
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	HL01	628	Hierarchical ID Number	M	AN 1/12
Must Use	HL03	735	Hierarchical Level Code	M	ID ½
			S Shipment		

Segment: **TD1** Carrier Details (Quantity and Weight)
Position: 110
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 3

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	TD101	103	**Packaging Code**		O	AN 3/5
			CTN	Carton		
				Not otherwise specified		
			PLT	Pallet		
				Not otherwise specified		
			UNT	Unit		
				Not otherwise specified		
			04	As Specified by the DOT		
Must Use	TD102	80	**Lading Quantity**		C	N0 1/7
			The number of shipment pieces, as described in TD101.			
Must Use	TD106	187	**Weight Qualifier**		O	ID ½
			G	Gross Weight		
Must Use	TD107	81	**Weight**		C	R 1/8
Must Use	TD108	355	**Unit or Basis for Measurement Code**		C	ID 2/2
			LB	Pound		

	Segment:	**TD5** Carrier Details (Routing Sequence/Transit Time)			
	Position:	120			
	Loop:	HL Mandatory			
	Level:	Detail			
	Usage:	Mandatory			
	Max Use:	1			

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	TD502	66	Identification Code Qualifier	C	ID ½
			2 Standard Carrier Alpha Code (SCAC)		
Must Use	TD503	67	Identification Code	C	AN 2/80

4 Alpha

 PREFERRED CARRIERS

ARFW – American Freightways
APAC – APA
BIGK – B & G
CAAY – C & A Transportation
CENF – Central Freightways
CFWY – Consolidated Freightways
CWCE – Conway Central
CWWE – Conway Western
CRPS – CRST
DART – Dart
BOMN – D.M. Bowman
FEPL – Federal Express
GULI – Gully Transportation
HCIL – Hub Group
INTD – Interstate
SJRG – J&R Schugel
KNIG – Knight
KRTA – K&R Exp Systems
METT – Metropolitan Trucking
NAFT – National Freight
OVNT – Overnite
RDWY – Roadway
SEFL – Southeastern
SWFT – Swift
TPQL – Transplace.com
TSVY – True Value Company Trucking (backhaul)
UPSN – United Parsel Service
DUGN – USF Dugan
HMES – USF Holland
VZTS – Venezia
VIKN – Viking
WARD – Ward Trucking
WENP – Werner
YFSY – Yellow
FRTT – Fritz

	TD504	91	Transportation Method/Type Code	C	ID ½

All codes allowed.

Refer to 004010 Data Element Dictionary for acceptable code values.

	TD505	387	Routing		C	AN 1/35
			Free form description of Carrier			

Segment: **REF** Reference Identification

Position: 150
Loop: HL   Mandatory
Level: Detail
Usage: Mandatory
Max Use: 3
Notes: **All three Identification numbers are preferred. However, at least one REF segment is required in the following order of priority:**

1. Carrier's Reference/PRO Number (REF01=CN)
2. Bill of Lading Number (REF01 = BM)
3. Seller's Invoice number (REF 01 = IV)

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	REF01	128	Reference Identification Qualifier	M	ID 2/3
			BM Bill of Lading Number		
			CN Carrier's Reference Number (PRO Number)		
			IV Seller's Invoice Number		
Must Use	REF02	127	Reference Identification	C	AN 1/30

Segment: **DTM** Date/Time Reference

Position: 200
Loop: HL   Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Notes: The DTM segment for the shipped date (DTM01=011) is required by True Value Company

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	DTM01	374	Date/Time Qualifier	M	ID 3/3
			011 Shipped		
Must Use	DTM02	373	Date	C	DT 8/8

Segment: # N1 Name

Position: 220
Loop: N1   Optional
Level: Detail
Usage: Mandatory
Max Use: 1
Notes: Both ST and SF loops are required by True Value.

SF loop should include N101, N102, and N401, N402, N403.
ST loop should include N101, N102, N103 and N104

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	**Entity Identifier Code**	**M ID 2/3**

    SF   Ship From

    ST   Ship To

Must Use	N102	93	**Name**	**C AN 1/35**

ST = Regional Distribution Center name
SF = Your Location name

Must Use	N103	66	**Identification Code Qualifier**	**C ID ½**

Required for ST loop only.

    9   D-U-N-S+4, D-U-N-S Number with Four Character Suffix

Must Use	N104	67	**Identification Code**	**C AN 2/80**

Required for ST loop only.

0069296810001   HARVARD
  308 S. Division St
  Harvard, IL 60033-3058

0069296810002   CLEVELAND
  26025 First St.
  Westlake, OH 44145-1400

0069296810003   MANCHESTER
  333 Harvey Rd.
  Manchester, NH 03103-3345

0069296810004   ATLANTA
  7600 Jonesboro Rd.
  Jonesboro, GA 30236-2450

0069296810005   BUTLER
  One TruServ Way
  East Butler, PA 10629

0069296810006   ALLENTOWN
  7058 Snowdrift Road
  Allentown, PA 18106-9998

0069296810007   KANSAS CITY
  14900 US Hwy 71
  Kansas City, MO 64147-1011

0069296810008   KINGMAN

4005 Mohave Airport Drive
Kingman, AZ 86401-6766

0069296810009 CORSICANA
2601 East Highway 31
Corsicana, TX 75110-1010

0069296810010 MANKATO
2415 3rd Ave.
Mankato, MN 56001-2797

0069296810012 DENVER
11275 East 40th Ave.
Denver, CO 80239-3210

0069296810013 WOODLAND
215 N. Pioneer Ave.
Woodland, CA 95776-5907

0069296810026 SPRINGFIELD
2150 Olympic Ave.
Springfield, OR 97477

0069296810031 HARVARD CONSOLIDATION
320 S. Division
Harvard, IL 60033-3058

0069296810033 SHANGHAI
Shanghai WaiGaoQiao
Bonded Logistics Zone
Easttop Logistics Co., Ltd.
Bonded Warehouse No. C1-2
Shen Ya Rd
Shanghai WaiGaoQiao Bonded Logistics Park
Shanghai PRC (200131)

0069296810034 YANTIAN
ECS Receiving Depot
Liyou Warehouse, South District
Free Trade Zone Area, Yantian Port
Yantian District, Shenzhen
China

0069296810041 HARVARD-CENTRAL SHIP
306 S. Division
Harvard, IL 60033-3058

0069296810093 WOODLAND CONSOLIDATION
215 N. Pioneer Ave.
Woodland, CA 95776-5907

Segment: **N4** Geographic Location

Position: 250
Loop: N1 Optional
Level: Detail
Usage: Mandatory
Max Use: 1
Notes: Required for SF loop only.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	N401	19	City Name	O	AN 2/30
Must Use	N402	156	State or Province Code	O	ID 2/2
Must Use	N403	116	Postal Code	O	ID 3/15

Segment: **HL** Hierarchical Level

Position: 010
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	HL01	628	Hierarchical ID Number	M	AN 1/12
	HL02	734	Hierarchical Parent ID Number	O	AN 1/12
Must Use	HL03	735	Hierarchical Level Code	M	ID ½
			O	Order	

Segment: **PRF** Purchase Order Reference

Position: 050
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	PRF01	324	Purchase Order Number	M	AN 1/22

This is True Value Company's 13 character PO number as sent in the 850 BEG03 element.

Segment: # HL Hierarchical Level

Position: 010
Loop: HL   Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	HL01	628	**Hierarchical ID Number**	M	AN 1/12
	HL02	734	**Hierarchical Parent ID Number**	O	AN 1/12
Must Use	HL03	735	**Hierarchical Level Code**	M	ID ½
			I Item		

Segment: # LIN Item Identification

Position: 020
Loop: HL   Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	LIN01	350	**Assigned Identification**	O	AN 1/6
Must Use	LIN02	235	**Product/Service ID Qualifier**	M	ID 2/2
			UP U.P.C. Consumer Package Code (1-5-5-1)		
Must Use	LIN03	234	**Product/Service ID**	M	AN 1/48
			UPC Code – Must be 12 digits.		
	LIN04	235	**Product/Service ID Qualifier**	O	ID 2/2
			CB Buyer's Catalog Number		
Must Use	LIN05	234	**Product/Service ID**	C	AN 1/48
			True Value Company's item number or Relay book/page/line (6 numeric). This is the item identifier that True Value Company's sends in the PO107 element of the 850 Purchase Order.		
	LIN06	**235**	UK GTIN Number Qualifier	M	ID 2/2
	LIN07	**234**	GTIN number 14 digit UPC code	M	AN 1/48

Segment: **SN1** Item Detail (Shipment)
Position: 030
Loop: HL   Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
	SN101	350	Assigned Identification	O	AN 1/6
Must Use	SN102	382	Number of Units Shipped	M	R 1/10
			Must be shown a eaches.		
Must Use	SN103	355	Unit or Basis for Measurement Code	M	ID 2/2
			EA Each		

Segment: **TD5** Carrier Details (Routing Sequence/Transit Time)
Position: 120
Loop: HL   Mandatory
Level: Detail
Usage: Optional
Max Use: 1

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	TD505	387	Routing	X	AN 1/35
			X (This is used to meet compliance checking).		
	TD506	368	Shipment/Order Status Code	X	ID 2/2
			BK Back Ordered from Previous Order		
			BP Shipment Partial, Back Order to Ship		
			CC Shipment Complete		
			CM Shipment Complete with Additional Quantity		
			CP Partial Shipment, Considered No Backorder		
			CS Shipment Complete with Substitution		
			DE Deleted Order		
			IC Item Canceled		
			IS Item Represents Substitution from Original Order		
			PR Partial Shipment		
			SS Split Shipment		

Segment: **CTT** Transaction Totals
Position: 010
Loop:
Level: Summary
Usage: Optional
Max Use: 1

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	CTT01	354	**Total of HL Segments (must match last HL)**	M N0 1/6
			Total number of HL segments.	

Segment: **SE** Transaction Set Trailer
Position: 020
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SE01	96	**Number of Included Segments**	M N0 1/10
Must Use	SE02	329	**Transaction Set Control Number**	M AN 4/9