



# **945 Warehouse Shipping Advice - BISG**

**Version: 1.0 Final**

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Edifecs' SpecBuilder 6.5  
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# 945

## Warehouse Shipping Advice

### Functional Group=SW

**Purpose:** This X12 Transaction Set contains the format and establishes the data contents of the Warehouse Shipping Advice Transaction Set (945) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by the warehouse to advise the depositor that shipment was made. It is used to reconcile order quantities with shipment quantities.

#### Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	W06	Warehouse Shipment Identification	M	1			Must use
<b>LOOP ID - 0100</b>			-	-	<b>10</b>	-	-
0400	N1	Party Identification	M	1			Must use
0600	N3	Party Location	O	2			Used
0700	N4	Geographic Location	O	1			Used
0900	N9	Extended Reference Information	O	10			Used
1000	G61	Contact	O	3			Used
1100	G62	Date/Time	O	5			Used
1300	W27	Carrier Details (Warehouse)	O	1			Used
1500	W10	Warehouse Additional Carrier Information	O	10			Used
1550	G72	Allowance or Charge	O	5			Used

#### Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
<b>LOOP ID - 0300</b>			-	-	<b>≥1</b>	-	-
0050	LX	Transaction Set Line Number	O	1			Used
0100	MAN	Marks and Numbers Information	O	>1			Used
<b>LOOP ID - 0310</b>			-	-	<b>≥1</b>	-	-
0200	W12	Warehouse Item Detail	O	1			Used
0400	N9	Extended Reference Information	O	200			Used

#### Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	W03	Total Shipment Information (Warehouse)	O	1			Used
0200	SE	Transaction Set Trailer	M	1			Must use

# ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

**User Option (Usage):** Must use

**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	Must use
<b>Description:</b> Code uniquely identifying a Transaction Set						
		<u>Code</u>		<u>Name</u>		
		945		Warehouse Shipping Advice		
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set						
ST03	1705	Implementation Convention Reference	O	AN	1/35	Used
<b>Description:</b> Reference assigned to identify Implementation Convention						

## Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

# W06 Warehouse Shipment Identification

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 8

**User Option (Usage):** Must use

**Purpose:** To provide identifying numbers, dates, and other basic data for this 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>
W0601	514	<b>Reporting Code</b>	M	ID	1/1	Must use
		<b>Description:</b> Code specifying the basis used when reporting shipment information				
		<u>Code</u>		<u>Name</u>		
		F		Full Detail		
W0602	285	<b>Depositor Order Number</b>	O	AN	1/22	Used
		<b>Description:</b> Identifying number for warehouse shipping order assigned by the depositor				
W0603	373	<b>Date</b>	O	DT	8/8	Used
		<b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
W0604	145	<b>Shipment Identification Number</b>	O	AN	1/30	Used
		<b>Description:</b> Identification number assigned to the shipment by the shipper that uniquely identifies the shipment from origin to ultimate destination and is not subject to modification; (Does not contain blanks or special characters)[BOL]				
W0605	531	<b>Agent Shipment ID Number</b>	O	AN	1/12	Used
		<b>Description:</b> Identification number assigned to the shipment by the agent (Number does not contain blank or punctuation characters) [PRO Number]				
W0606	324	<b>Purchase Order Number</b>	O	AN	1/22	Used
		<b>Description:</b> Identifying number for Purchase Order assigned by the orderer/purchaser				
W0607	474	<b>Master Reference (Link) Number</b>	X	AN	1/22	Used
		<b>Description:</b> Reference number assigned by the sender to relate a transaction set to a master transaction (When associating a group of purchase orders, invoices or other transaction sets, use the master reference (link) number to identify the group and the link sequence number to identify individual transaction sets within the group)				
W0608	472	<b>Link Sequence Number</b>	X	N0	6/6	Used
		<b>Description:</b> A two-part number in the form "SSSTTT" where "SSS" is a sequentially assigned number and "TTT" equals the highest sequential number being used within the associated (linked) group (Leading zeros are required for both "SSS" and "TTT")				

## Syntax Rules:

1. P0708 - If either W0607 or W0608 is present, then the other is required.

## Semantics:

1. W0603 is the actual date on which shipment was made.

# Loop Party Identification

Pos: 0400	Repeat: 10
Mandatory	
Loop: 0100	Elements: N/A

**User Option (Usage):** Must use

**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>
0400	N1	Party Identification	M	1		Must use
0600	N3	Party Location	O	2		Used
0700	N4	Geographic Location	O	1		Used

# N1 Party Identification

<b>Pos: 0400</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: 0100</b>	<b>Elements: 5</b>

**User Option (Usage):** Must use

**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	Must use
<b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual						
		<u>Code</u>		<u>Name</u>		
		BT		Bill-to-Party		
		MF		Manufacturer of Goods		
		SF		Ship From		
		ST		Ship To		
		VN		Vendor		
N102	93	<b>Name</b>	X	AN	1/60	Used
<b>Description:</b> Free-form name						
N103	66	<b>Identification Code Qualifier</b>	X	ID	1/2	Used
<b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)						
		<u>Code</u>		<u>Name</u>		
		1		D-U-N-S Number, Dun & Bradstreet		
		9		D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
		15		Standard Address Number (SAN)		
		91		Assigned by Seller or Seller's Agent		
		92		Assigned by Buyer or Buyer's Agent		
		UL		Global Location Number (GLN)		
		ZZ		Mutually Defined		
N104	67	<b>Identification Code</b>	X	AN	2/80	Used
<b>Description:</b> Code identifying a party or other code						
N105	706	<b>Entity Relationship Code</b>	O	ID	2/2	Used
<b>Description:</b> Code describing entity relationship						
<b>All valid standard codes are used.</b>						

## Syntax Rules:

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

## Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.



**N3****Party Location**

<b>Pos: 0600</b>	<b>Max: 2</b>
<b>Heading - Optional</b>	
<b>Loop: 0100</b>	<b>Elements: 2</b>

**User Option (Usage):** Used**Purpose:** To specify the location of the named party**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>
N301	166	<b>Address Information</b>	M	AN	1/55	Must use
		<b>Description:</b> Address information				
N302	166	<b>Address Information</b>	O	AN	1/55	Used
		<b>Description:</b> Address information				

# N4 Geographic Location

Pos: 0700	Max: 1
Heading - Optional	
Loop: 0100	Elements: 4

**User Option (Usage):** Used

**Purpose:** To specify the geographic place of the named party

## 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>
N401	19	<b>City Name</b>	O	AN	2/30	Used
		<b>Description:</b> Free-form text for city name				
N402	156	<b>State or Province Code</b>	X	ID	2/2	Used
		<b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency				
N403	116	<b>Postal Code</b>	O	ID	3/15	Used
		<b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	<b>Country Code</b>	X	ID	2/3	Used
		<b>Description:</b> Code identifying the country				

## Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

## Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.

**N9****Extended Reference Information**

Pos: 0900	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

**User Option (Usage):** Used**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier**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>
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use
<b>Description:</b> Code qualifying the Reference Identification						
		<u>Code</u>	<u>Name</u>			
		06	System Number			
		AO	Appointment Number			
		CR	Customer Reference Number			
		DP	Department Number			
		IA	Internal Vendor Number			
		MA	Ship Notice/Manifest Number			
		MB	Master Bill of Lading			
		PK	Packing List Number			
		WO	Work Order Number			
N902	127	Reference Identification	X	AN	1/80	Used
<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						

**Syntax Rules:**

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

**Semantics:**

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

# G61 Contact

Pos: 1000	Max: 3
Heading - Optional	
Loop: N/A	Elements: 5

**User Option (Usage):** Used

**Purpose:** To identify a person or office to whom communications should be directed

## 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>
G6101	366	<b>Contact Function Code</b>	M	ID	2/2	Must use
<b>Description:</b> Code identifying the major duty or responsibility of the person or group named						
		<u>Code</u>		<u>Name</u>		
		AJ		Primary Contact		
G6102	93	<b>Name</b>	M	AN	1/60	Must use
<b>Description:</b> Free-form name						
G6103	365	<b>Communication Number Qualifier</b>	X	ID	2/2	Used
<b>Description:</b> Code identifying the type of communication number						
		<u>Code</u>		<u>Name</u>		
		TE		Telephone		
G6104	364	<b>Communication Number</b>	X	AN	1/256	Used
<b>Description:</b> Complete communications number including country or area code when applicable						
G6105	443	<b>Contact Inquiry Reference</b>	O	AN	1/20	Used
<b>Description:</b> Additional reference number or description to clarify a contact number						

## Syntax Rules:

1. P0304 - If either G6103 or G6104 is present, then the other is required.

## Comments:

1. G6103 qualifies G6104.

# G62 Date/Time

Pos: 1100	Max: 5
Heading - Optional	
Loop: N/A	Elements: 4

**User Option (Usage):** Used

**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>
G6201	432	<b>Date Qualifier</b>	X	ID	2/2	Used
<b>Description:</b> Code specifying type of date						
		<u>Code</u>		<u>Name</u>		
		10		Requested Ship Date/Pickup Date		
		11		Shipped on This Date		
G6202	373	<b>Date</b>	X	DT	8/8	Used
<b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year						
G6204	337	<b>Time</b>	X	TM	4/8	Used
<b>Description:</b> 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)						
G6205	623	<b>Time Code</b>	O	ID	2/2	Used
<b>Description:</b> Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow						
		<u>Code</u>		<u>Name</u>		
		AD		Alaska Daylight Time		
		AS		Alaska Standard Time		
		AT		Alaska Time		
		CD		Central Daylight Time		
		CS		Central Standard Time		
		CT		Central Time		
		ED		Eastern Daylight Time		
		ES		Eastern Standard Time		
		ET		Eastern Time		
		GM		Greenwich Mean Time		
		HD		Hawaii-Aleutian Daylight Time		
		HS		Hawaii-Aleutian Standard Time		
		HT		Hawaii-Aleutian Time		
		MD		Mountain Daylight Time		
		MS		Mountain Standard Time		
		MT		Mountain Time		
		ND		Newfoundland Daylight Time		
		NS		Newfoundland Standard Time		
		NT		Newfoundland Time		
		PD		Pacific Daylight Time		
		PS		Pacific Standard Time		
		PT		Pacific Time		
		TD		Atlantic Daylight Time		

TS	Atlantic Standard Time
TT	Atlantic Time

**Syntax Rules:**

1. R0103 - At least one of G6201 or G6203 is required.
2. P0102 - If either G6201 or G6202 is present, then the other is required.
3. P0304 - If either G6203 or G6204 is present, then the other is required.

# W27 Carrier Details (Warehouse)

Pos: 1300	Max: 1
Heading - Optional	
Loop: N/A	Elements: 7

**User Option (Usage):** Used

**Purpose:** To specify details of the transportation equipment and carrier routing details

## 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>
W2701	91	<b>Transportation Method/Type Code</b>	M	ID	1/2	Must use
<b>Description:</b> Code specifying the method or type of transportation for the shipment						
		<u>Code</u>		<u>Name</u>		
		H		Customer Pickup		
		M		Motor (Common Carrier)		
		U		Private Parcel Service		
		AP		Air (Package Carrier)		
		LT		Less Than Trailer Load (LTL)		
W2702	140	<b>Standard Carrier Alpha Code</b>	X	ID	2/4	Used
<b>Description:</b> Standard Carrier Alpha Code						
W2703	387	<b>Routing</b>	X	AN	1/35	Used
<b>Description:</b> Free-form description of the routing or requested routing for shipment, or the originating carrier's identity						
W2704	146	<b>Shipment Method of Payment</b>	O	ID	2/2	Used
<b>Description:</b> Code identifying payment terms for transportation charges						
W2705	40	<b>Equipment Description Code</b>	O	ID	2/2	Used
<b>Description:</b> Code identifying type of equipment used for shipment						
		<u>Code</u>		<u>Name</u>		
		TL		Trailer (not otherwise specified)		
W2706	206	<b>Equipment Initial</b>	O	AN	1/4	Used
<b>Description:</b> Prefix or alphabetic part of an equipment unit's identifying number						
W2707	207	<b>Equipment Number</b>	O	AN	1/15	Used
<b>Description:</b> Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)						

## Syntax Rules:

1. R0203 - At least one of W2702 or W2703 is required.

## Semantics:

1. W2702 is required when W2701 equals "B", "E", "H", "I", "K", "L", "M", "P" or "T".
2. W2706 is required when W2701 equals "R".

## Comments:

1. Shipment/Order Status Code is used at the total-invoice level only when differences cannot be provided at the line-item level or when the entire order has been shipped complete.

# W10 Warehouse Additional Carrier Information

Pos: 1500	Max: 10
Heading - Optional	
Loop: N/A	Elements: 4

**User Option (Usage):** Used

**Purpose:** To transmit shipping information and requirements

## 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>
W1001	400	Unit Load Option Code	O	ID	2/2	Used
		<b>Description:</b> Code identifying loading or unloading a shipment				
		<u>Code</u>		<u>Name</u>		
		01		Palletized		
W1002	406	Quantity of Pallets Shipped	O	N0	1/3	Used
		<b>Description:</b> Number of pallets shipped				
W1003	399	Pallet Exchange Code	O	ID	1/1	Used
		<b>Description:</b> Code specifying pallet exchange instructions				
		<b>All valid standard codes are used.</b>				
W1004	225	Seal Number	O	AN	2/15	Used
		<b>Description:</b> Unique number on seal used to close a shipment				

## Syntax Rules:

1. P0607 - If either W1006 or W1007 is present, then the other is required.
2. P0809 - If either W1008 or W1009 is present, then the other is required.

## Semantics:

1. W1006 is the minimum allowable temperature condition for shipment (degrees Fahrenheit).
2. W1008 is the maximum allowable temperature condition for shipment (degrees Fahrenheit).



# G72 Allowance or Charge

Pos: 1550	Max: 5
Heading - Optional	
Loop: N/A	Elements: 3

**User Option (Usage):** Used

**Purpose:** To specify allowances, charges, or services

## 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>
G7201	340	Allowance or Charge Code	M	ID	1/3	Must use
<b>Description:</b> Code identifying the type of allowance or charge						
		<u>Code</u>		<u>Name</u>		
		503		Special Handling		
G7202	331	Allowance or Charge Method of Handling Code	M	ID	2/2	Must use
<b>Description:</b> Code indicating method of handling for an allowance or charge						
		<u>Code</u>		<u>Name</u>		
		CA		Calculate and Add to Invoice		
G7208	360	Allowance or Charge Total Amount	X	N2	1/15	Used
<b>Description:</b> Total dollar amount for the allowance or charge						

## Syntax Rules:

1. R03050809 - At least one of G7203, G7205, G7208 or G7209 is required.
2. E050809 - Only one of G7205, G7208 or G7209 may be present.
3. P0607 - If either G7206 or G7207 is present, then the other is required.
4. P0910 - If either G7209 or G7210 is present, then the other is required.
5. C1103 - If G7211 is present, then G7203 is required.

## Semantics:

1. G7209 is the allowance or charge percent.

## Comments:

1. The G73 segment is required when G7201 contains code "499" or "999"; however, the use of these codes is discouraged.

# Loop Transaction Set Line Number

Pos: 0050	Repeat: >1
Optional	
Loop: 0300	Elements: N/A

**User Option (Usage):** Used

**Purpose:** To reference a line number in a transaction set

## 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>
0050	LX	Transaction Set Line Number	O	1		Used
0100	MAN	Marks and Numbers Information	O	>1		Used
0200		Loop 0310	O		>1	Used

**LX**

## Transaction Set Line Number

Pos: 0050	Max: 1
Detail - Optional	
Loop: 0300	Elements: 1

**User Option (Usage):** Used**Purpose:** To reference a line number in a 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>
LX01	554	Assigned Number	M	N0	1/6	Must use

**Description:** Number assigned for differentiation within a transaction set

# MAN Marks and Numbers Information

Pos: 0100	Max: >1
Detail - Optional	
Loop: 0300	Elements: 6

**User Option (Usage):** Used

**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	<b>Marks and Numbers Qualifier</b>	M	ID	1/2	Must use
<b>Description:</b> Code specifying the application or source of Marks and Numbers (87)						
		<u>Code</u>		<u>Name</u>		
		GM		EAN.UCC Serial Shipping Container Code (SSCC) and Application Identifier		
		UC		U.P.C. Shipping Container Code		
MAN02	87	<b>Marks and Numbers</b>	M	AN	1/48	Must use
<b>Description:</b> Marks and numbers used to identify a shipment or parts of a shipment						
MAN03	87	<b>Marks and Numbers</b>	O	AN	1/48	Used
<b>Description:</b> Marks and numbers used to identify a shipment or parts of a shipment						
MAN04	88	<b>Marks and Numbers Qualifier</b>	X	ID	1/2	Used
<b>Description:</b> Code specifying the application or source of Marks and Numbers (87)						
		<u>Code</u>		<u>Name</u>		
		GM		EAN.UCC Serial Shipping Container Code (SSCC) and Application Identifier		
		UC		U.P.C. Shipping Container Code		
MAN05	87	<b>Marks and Numbers</b>	X	AN	1/48	Used
<b>Description:</b> Marks and numbers used to identify a shipment or parts of a shipment						
MAN06	87	<b>Marks and Numbers</b>	O	AN	1/48	Used
<b>Description:</b> Marks and numbers used to identify a shipment or parts of a shipment						

## Syntax Rules:

1. P0405 - If either MAN04 or MAN05 is present, then the other is required.
2. C0605 - If MAN06 is present, then MAN05 is required.

## Semantics:

1. MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.
2. When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.
3. When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.

## Comments:

1. When MAN01 contains code "UC" (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06.
2. MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers.
3. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.

# Loop Warehouse Item Detail

Pos: 0200	Repeat: >1
Optional	
Loop: 0310	Elements: N/A

**User Option (Usage):** Used

**Purpose:** To designate those line items that were shipped

## 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>
0200	W12	Warehouse Item Detail	O	1		Used
0400	N9	Extended Reference Information	O	200		Used

# W12 Warehouse Item Detail

Pos: 0200	Max: 1
Detail - Optional	
Loop: 0310	Elements: 14

**User Option (Usage):** Used

**Purpose:** To designate those line items that were shipped

## 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>
W1201	368	<b>Shipment/Order Status Code</b>	M	ID	2/2	Must use
<b>Description:</b> Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction						
		<u>Code</u>	<u>Name</u>			
		CC	Shipment Complete on (Date)			
		CM	Shipment Complete with Additional Quantity			
		CP	Partial Shipment on (Date), Considered No Backorder			
		PR	Partial Shipment			
W1202	380	<b>Quantity</b>	O	R	1/15	Used
<b>Description:</b> Numeric value of quantity						
W1203	382	<b>Number of Units Shipped</b>	O	R	1/10	Used
<b>Description:</b> Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set						
W1204	383	<b>Quantity Difference</b>	O	R	1/9	Used
<b>Description:</b> Numeric value of variance between ordered and shipped quantities						
W1205	355	<b>Unit or Basis for Measurement Code</b>	O	ID	2/2	Used
<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
<b>All valid standard codes are used.</b>						
W1207	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
<b>All valid standard codes are used.</b>						
W1208	234	<b>Product/Service ID</b>	X	AN	1/48	Used
<b>Description:</b> Identifying number for a product or service						
W1209	451	<b>Warehouse Lot Number</b>	O	AN	1/12	Used
<b>Description:</b> Reference number assigned by the warehouse						
W1210	81	<b>Weight</b>	X	R	1/10	Used
<b>Description:</b> Numeric value of weight						
W1211	187	<b>Weight Qualifier</b>	X	ID	1/2	Used
<b>Description:</b> Code defining the type of weight						
		<u>Code</u>	<u>Name</u>			
		G	Gross Weight			
W1212	188	<b>Weight Unit Code</b>	X	ID	1/1	Used
<b>Description:</b> Code specifying the weight unit						
		<u>Code</u>	<u>Name</u>			

		L	Pounds				
W1217	235	<b>Product/Service ID Qualifier</b>		X	ID	2/2	Used
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)					
		<u><b>Code</b></u>	<u><b>Name</b></u>				
		IN	Buyer's Item Number				
W1218	234	<b>Product/Service ID</b>		X	AN	1/48	Used
		<b>Description:</b> Identifying number for a product or service					
W1219	892	<b>Line Item Change Reason Code</b>		O	ID	2/2	Used
		<b>Description:</b> Code defining reason for any difference between quantity ordered and quantity shipped for a line item					

### Syntax Rules:

1. R0607 - At least one of W1206 or W1207 is required.
2. P0708 - If either W1207 or W1208 is present, then the other is required.
3. P101112 - If either W1210, W1211 or W1212 are present, then the others are required.
4. P131415 - If either W1213, W1214 or W1215 are present, then the others are required.
5. P1718 - If either W1217 or W1218 is present, then the other is required.
6. P2122 - If either W1221 or W1222 is present, then the other is required.

### Semantics:

1. Whenever W1201 contains "IS", W1216, W1217, and W1218 refer to the original item ordered.
2. W1202 is quantity ordered.

**N9****Extended Reference  
Information**

<b>Pos: 0400</b>	<b>Max: 200</b>
<b>Detail - Optional</b>	
<b>Loop: 0310</b>	<b>Elements: 2</b>

**User Option (Usage):** Used**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier**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>
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use
<b>Description:</b> Code qualifying the Reference Identification						
		<u>Code</u>		<u>Name</u>		
		LI		Line Item Identifier (Seller's)		
		OP		Original Purchase Order		
		PO		Purchase Order Number		

N902	127	Reference Identification	X	AN	1/80	Used
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**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier**Syntax Rules:**

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

**Semantics:**

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.



# W03 Total Shipment Information (Warehouse)

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 3

**User Option (Usage):** Used

**Purpose:** To provide totals relating to the 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>
W0301	382	<b>Number of Units Shipped</b>	M	R	1/10	Must use
		<b>Description:</b> Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set				
W0302	81	<b>Weight</b>	X	R	1/10	Used
		<b>Description:</b> Numeric value of weight				
W0303	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		<u>Code</u>		<u>Name</u>		
		LB		Pound		

## Syntax Rules:

1. P0203 - If either W0302 or W0303 is present, then the other is required.
2. P0405 - If either W0304 or W0305 is present, then the other is required.
3. P0607 - If either W0306 or W0307 is present, then the other is required.

# SE Transaction Set Trailer

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

**User Option (Usage):** Must use

**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

## 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	Number of Included Segments	M	NO	1/10	Must use
<b>Description:</b> Total number of segments included in a transaction set including ST and SE segments						
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use
<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set						

## Comments:

1. SE is the last segment of each transaction set.