

945 Warehouse Shipping Advice

ANSI Version 003060

Functional Group ID=**SW**

Introduction:

This Draft Standard for Trial Use 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:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	010	ST	Transaction Set Header	M	1		
M	020	W06	Warehouse Shipment Identification	M	1		
						LOOP ID - 0100	10
M	040	N1	Name	M	1		
	090	N9	Reference Identification	O	10		
	110	G62	Date/Time	O	5		
	130	W27	Carrier Detail	O	1		
	140	W28	Consolidation Information	O	1		

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
						LOOP ID - 0300	>1
	020	W12	Warehouse Item Detail	O	1		
	040	N9	Reference Identification	O	200		

Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
	010	W03	Total Shipment Information	O	1		
M	020	SE	Transaction Set Trailer	M	1		

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 945 X12.193 Warehouse Shipping Advice	M ID 3/3
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

Segment: **W06** Warehouse Shipment Identification
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To provide identifying numbers, dates, and other basic data for this transaction set
Comments:
Notes: EXAMPLE - W06*F*3MORDNBR*****51~

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	W0601	Reporting Code	M ID 1/1
		Code specifying the basis used when reporting shipment information	
		F Full Detail	
		X Exceptions Only	
	W0602	Depositor Order Number	O AN 1/22
		Identifying number for warehouse shipping order assigned by the depositor 3M ORDER NUMBER, AS IT WAS ORIGINALLY SENT TO WAREHOUSE IN 940 ELEMENT W0502.	
	W0612	Action Code	O ID 1/2
		Code indicating type of action	
		MUST BE USED TO INDICATE IF ORDER WAS SHIPPED AS ORDERED, OR IF IF WAS SHIPPED WITH EXCEPTIONS.	
		51 Complete	
		IF ORDER IS SHIPPED AS ORDERED (NO EXCEPTIONS).	
		A6 Modified	
		IF ORDER HAS ANY LINE MODIFICATIONS.	

Segment: **N1** Name
Position: 040
Loop: 0100 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
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.
Notes: EXAMPLE - N1*BT**91*ABC1234~
 EXAMPLE - N1*WH**91*WHSECODE~

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
M	N101	98 Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
		BT Bill-to-Party	
		WH Warehouse	
	N103	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		91 Assigned by Seller or Seller's Agent	
	N104	67 Identification Code	X AN 2/20
		Code identifying a party or other code	
		BT - BILL-TO ACCT NUMBER AS SENT ON ORIGINAL 940 N1 BT.	
		WH - APPROPRIATE WAREHOUSE CODE AS AGREED UPON	
		BETWEEN 3M AND WAREHOUSE.	

Segment: **N9 Reference Identification**
Position: 090
Loop:
Level: Heading
Usage: Optional (Must Use)
Max Use: 10
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Comments:
Notes: EXAMPLE - N9*BM*BOLNBR~

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128	Reference Identification Qualifier Code qualifying the Reference Identification BM Bill of Lading Number	M ID 2/3
	N902	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier BILL OF LADING NUMBER IF N901 = BM.	X AN 1/30

Segment: **G62** Date/Time
Position: 110
Loop:
Level: Heading
Usage: Optional (Must Use)
Max Use: 5
Purpose: To specify pertinent dates and times
Comments:
Notes: EXAMPLE - G62*11*980401~

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
G6201	432	Date Qualifier Code specifying type of date 11 Shipped on This Date	X ID 2/2
G6202	373	Date Date (YYMMDD) SHIPMENT DATE.	X DT 6/6

Segment: **W27** Carrier Detail
Position: 130
Loop:
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify details of the transportation equipment and carrier routing details
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.
Notes: EXAMPLE - W27*M*SCAC~

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	W2701	91 Transportation Method/Type Code	M ID 1/2
		Code specifying the method or type of transportation for the shipment	
		AC Air Charter	
		AE Air Express	
		AF Air Freight	
		CE Customer Pickup / Customer's Expense	
		H Customer Pickup	
		LT Less Than Trailer Load (LTL)	
		M Motor (Common Carrier)	
		U Private Parcel Service	
	W2702	140 Standard Carrier Alpha Code	X ID 2/4
		Standard Carrier Alpha Code	
		SCAC	

Segment: **W28** Consolidation Information
Position: 140
Loop:
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To transmit freight consolidation information
Comments:
Notes: EXAMPLE - W28*N*875*G*L~

Data Element Summary

Ref.	Data		Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	W2801	604 Consolidation Code Code identifying the extent of the consolidation	M ID 1/1
	W2802	81 Weight Numeric value of weight ACTUAL TOTAL SHIPPING WEIGHT.	X R 1/10
	W2803	187 Weight Qualifier Code defining the type of weight G Gross Weight	X ID 1/2
	W2804	188 Weight Unit Code Code specifying the weight unit L Pounds	X ID 1/1

Segment: **W12** Warehouse Item Detail
Position: 020
Loop: 0300 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To designate those line items that were shipped
Comments:
Notes: EXAMPLE - W12*CC*10*10****VN*78123456789**50*B*L~

** NOTE **

THE W12 SHOULD BE USED ONLY WHEN THE ITEM SHIPPED QUANTITY IS DIFFERENT THAN ORDERED QUANTITY.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	W1201	368 Shipment/Order Status Code	M ID 2/2
		Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction CP Partial Shipment on (Date), Considered No Backorder QUANTITY SHIPPED DIFFERENT FROM QUANTITY ORDERED.	
	W1202	330 Quantity Ordered	O R 1/9
		Quantity ordered NUMBER OF UNITS TO BE SHIPPED AS INDICATED ON THE ORIGINAL 940 ELEMENT W0101.	
	W1203	382 Number of Units Shipped	O R 1/10
		Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set ACTUAL NUMBER OF UNITS SHIPPED.	
	W1204	383 Quantity Difference	O R 1/9
		Numeric value of variance between ordered and shipped quantities THE DIFFERENCE BETWEEN W1202 AND W1203.	
	W1207	235 Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) VN Vendor's (Seller's) Item Number	
	W1208	234 Product/Service ID	X AN 1/40
		Identifying number for a product or service 3M's 11 DIGIT STOCK NUMBER AS IT APPEARS IN THE ORIGINAL 940 W0105.	
	W1210	81 Weight	X R 1/10
		Numeric value of weight MUST BE EXTENDED WEIGHT, (SHIPPED QTY * ITEM WGT).	
	W1211	187 Weight Qualifier	X ID 1/2
		Code defining the type of weight G Gross Weight	
	W1212	188 Weight Unit Code	X ID 1/1
		Code specifying the weight unit L Pounds	

Segment: **N9 Reference Identification**
Position: 040
Loop: 0300 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 200
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Comments:
Notes: EXAMPLE - N9*LI*1~
 EXAMPLE - N9*ZZ*2~

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M N901	128	Reference Identification Qualifier Code qualifying the Reference Identification LI Line Item Identifier (Seller's) ZZ Mutually Defined 3M UNITS CONVERSION FACTOR.	M ID 2/3
N902	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier WHEN N901 = LI, N902 MUST CONTAIN 3M'S LINE ITEM NUMBER AS IT APPEARS ON THE ORIGINAL 940 ITEM LEVEL N902 QUALIFIED AS LI. WHEN N901 = ZZ, N902 MUST CONTAIN 3M'S UNITS CONVERSION FACTOR AS IT APPEARS ON THE ORIGINAL 940 ITEM LEVEL N902 QUALIFIED AS ZZ.	X AN 1/30

Segment: **W03** Total Shipment Information
Position: 010
Loop:
Level: Summary
Usage: Optional (Must Use)
Max Use: 1
Purpose: To provide totals relating to the shipment
Comments:
Notes: EXAMPLE - W03*30~

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	<u>Des.</u> W0301	<u>Element</u> 382 Number of Units Shipped	M R 1/10
		Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set TOTAL NUMBER OF UNITS SHIPPED.	

Segment: **SE** Transaction Set Trailer
Position: 020
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
M	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	