3M

940 Warehouse Shipping Order
ANSI Version 003060

Functional Group ID=OW

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Warehouse Shipping Order Transaction Set (940) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to enable the depositor to advise a warehouse to make a shipment, confirm a shipment, or modify or cancel a previously transmitted shipping order.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	ST	Transaction Set Header	M	1		
M	020	W05	Shipping Order Identification	M	1		
			LOOP ID - 0100			10	
	040	N1	Name	O	1		
	050	N2	Additional Name Information	O	1		
	060	N3	Address Information	O	2		
	070	N4	Geographic Location	O	1		
	110	G62	Date/Time	O	10		
	120	NTE	Note/Special Instruction	O	>1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - 0300			>1	
	020	W01	Line Item Detail - Warehouse	O	1		
	040	N9	Reference Identification	O	200		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
	010	W76	Total Shipping Order	O	1		
M	020	SE	Transaction Set Trailer	M	1		

3M

	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

	Ref. Des.	Data Element	Name	Attributes
M	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			940 X12.189 Warehouse Shipping Order	
M	ST02	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	

3M

Segment:	**W05** **Shipping Order Identification**	
Position:	020	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To transmit identifying numbers and other basic data for this transaction set	
Comments:		
Notes:	EXAMPLE - W05*N*DW54614*12345~	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	W0501	473	**Order Status Code**	M ID 1/1

Code identifying purpose of transaction set

F	Cancel
N	Original
R	Change

	Ref. Des.	Data Element	Name	Attributes
M	W0502	285	**Depositor Order Number**	M AN 1/22

Identifying number for warehouse shipping order assigned by the depositor
3M ORDER NUMBER

	Ref. Des.	Data Element	Name	Attributes
	W0503	324	**Purchase Order Number**	O AN 1/22

Identifying number for Purchase Order assigned by the orderer/purchaser
CUSTOMER PO NUMBER

3M

	Segment:	**N1** Name
	Position:	040
	Loop:	0100 Optional (Must Use)
	Level:	Heading
	Usage:	Optional (Must Use)
	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*ST*GROCERY CO USA~
		EXAMPLE - N1*BT**91*ABC1234~

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
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
			ST	Ship To
	N102	**93**	**Name**	**X AN 1/35**
			Free-form name	
			SHIPTO CUSTOMER NAME. USED ONLY WHEN N101 = ST.	
	N103	**66**	**Identification Code Qualifier**	**X ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)	
			USED ONLY WHEN N101 = BT.	
			91	Assigned by Seller or Seller's Agent
	N104	**67**	**Identification Code**	**X AN 2/20**
			Code identifying a party or other code	
			BILL-TO CUSTOMER ACCT CODE USED BY 3M. USED ONLY WHEN N101 = BT. THIS IS A 3 ALPHA, 4 NUMERIC FIELD.	

3M

Segment:	**N2** Additional Name Information	
Position:	050	
Loop:	0100	Optional (Must Use)
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify additional names or those longer than 35 characters in length	
Comments:		
Notes:	USED ONLY FOR SHIP-TO.	
	EXAMPLE - N2*CUSTOMER NAME 1*CUSTOMER NAME 2~	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N201	93	**Name**	M	AN 1/35
			Free-form name		
			ADDITIONAL SHIPTO CUSTOMER NAME.		
	N202	93	**Name**	O	AN 1/35
			Free-form name		
			ADDITIONAL SHIPTO CUSTOMER NAME.		

3M

Segment: # N3 Address Information
Position: 060
Loop: 0100 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Comments:
Notes: USED ONLY FOR SHIP-TO.
EXAMPLE - N3*ANY STREET USA*MORE ADDRESS INFO~

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N301	166	**Address Information**	M	AN 1/35
			Address information		
			SHIPTO CUSTOMER ADDRESS.		
	N302	166	**Address Information**	O	AN 1/35
			Address information		
			ADDITIONAL SHIPTO CUSTOMER ADDRESS.		

3M

Segment:	**N4** Geographic Location	
Position:	070	
Loop:	0100	Optional (Must Use)
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the geographic place of the named party	
Comments:	**1** A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.	
	2 N402 is required only if city name (N401) is in the U.S. or Canada.	
Notes:	USED ONLY FOR SHIP-TO.	
	EXAMPLE - N4*ANY CITY*NJ*123456789~	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N401	**19**	**City Name**	**O** **AN 2/30**
		Free-form text for city name	
		SHIPTO CITY NAME.	
N402	**156**	**State or Province Code**	**O** **ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency	
		SHIPTO STATE ABBREVIATION.	
N403	**116**	**Postal Code**	**O** **ID 3/15**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
		SHIPTO ZIP CODE.	

3M

Segment:	**G62** Date/Time
Position:	110
Loop:	
Level:	Heading
Usage:	Optional (Must Use)
Max Use:	10
Purpose:	To specify pertinent dates and times
Comments:	
Notes:	EXAMPLE - G62*02*980410~

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
G6201	**432**	**Date Qualifier**		**X ID 2/2**
		Code specifying type of date		
		02	Delivery Requested on This Date	
		54	Deliver No Later Than Date	
G6202	**373**	**Date**		**X DT 6/6**
		Date (YYMMDD)		

3M

Segment:	**NTE** Note/Special Instruction	
Position:	120	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	>1	
Purpose:	To transmit information in a free-form format, if necessary, for comment or special instruction	
Comments:	1	The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.
Notes:	EXAMPLE - NTE*BOL*BILL OF LADING NOTE~	
	EXAMPLE - NTE*DEL*DELIVERY INSTRUCTIONS~	
	EXAMPLE - NTE*WHI*WAREHOUSE INSTRUCTIONS~	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
	NTE01	**363**	**Note Reference Code**	**O ID 3/3**
			Code identifying the functional area or purpose for which the note applies	
			BOL Bill of Lading Note	
			DEL Delivery	
			WHI Warehouse Instruction	
M	**NTE02**	**352**	**Description**	**M AN 1/80**
			A free-form description to clarify the related data elements and their content	
			BILL OF LADING NOTES WHEN NTE01 = BOL.	
			DELIVERY INSTRUCTIONS WHEN NTE01 = DEL	
			WAREHOUSE INSTRUCTIONS WHEN NTE01 = WHI.	

Segment:	$\mathbf{W01}$ Line Item Detail - Warehouse		
Position:	020		
Loop:	0300	Optional (Must Use)	
Level:	Detail		
Usage:	Optional (Must Use)		
Max Use:	1		
Purpose:	To transmit basic and most frequent shipment-related line-item data elements		
Comments:			
Notes:	EXAMPLE - W01*1*BX**VN*78123456789~		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**W0101**	**330**	**Quantity Ordered**	**M R 1/9**
			Quantity ordered	
			NUMBER OF SHIPPING UNITS.	
M	**W0102**	**355**	**Unit or Basis for Measurement Code**	**M ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			3M SHIPPING UNIT OF MEASURE, I.E. BX, CA, ETC.	
	W0104	**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	
	W0105	**234**	**Product/Service ID**	**X AN 1/40**
			Identifying number for a product or service	
			3M 11 DIGIT STOCK NUMBER, E.G. 78123456789	

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:	THE N9 WILL BE USED TO TRANSMIT 3M ITEM LINE NUMBER AND 3M UNITS CONVERSION FACTOR. THESE N9 SEGMENTS MUST BE RETURNED TO 3M ON THE 945.
	EXAMPLE - N9*LI*1~
	EXAMPLE - N9*ZZ*1~

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
M	N901	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

LI	Line Item Identifier (Seller's)
ZZ	Mutually Defined
	3M UNITS CONVERSION FACTOR.

	N902	127	**Reference Identification**	X AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier
3M ITEM LINE NUMBER -- WHERE N901 = LI (MUST BE RETURNED ON 945)
3M UNITS CONVERSION FACTOR -- WHERE N901 = ZZ (MUST BE RETURNED ON 945)

Segment:	**W76** Total Shipping Order
Position:	010
Loop:	
Level:	Summary
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To specify summary details of total items shipped in terms of quantity.
Comments:	**1** Quantity ordered (W7601) is a hash total and the unit of measure is not required.
Notes:	EXAMPLE - W76*1~

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	W7601	330	**Quantity Ordered**	M R 1/9
			Quantity ordered	
			TOTAL NUMBER OF SHIP UNITS TO BE SHIPPED.	

3M

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

	Ref. Des.	Data Element	Name	Attributes
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	