

940—Warehouse Shipping Order

Functional Group = OW

This X12 Transaction Set contains the format and establishes the contents of the Warehouse Shipping Order Transaction Set (940) for use within the context of an Electronic Data Interchange (EDI) environment.

Specifically, this transaction set is the canonical format used to advise Shipvine to ship an order to a customer, known in Shipvine parlance as a **fulfillment request**.

Transaction Set

Heading

POS	ID	NAME	REQ	MAX	REPEAT
	ISA	Interchange Control Header	M	1	
	GS	Functional Group Header	M	1	
0100	ST	Transaction Set Header	M	1	
0200	W05	Shipping Order Identification	M	1	
LOOP ID - 0100			M		1
0400	N1	Party Identification	M	1	
0500	N2	Additional Name Information	O	1	
0600	N3	Party Location	M	1	
0700	N4	Geographic Location	M	1	
0900	N9	Extended Reference Information	O	10	
1000	G61	Contact	M	2	
1200	NTE	Note/Special Instruction	O	1	



1400	W66	Warehouse Carrier Information	M	1
1500	W6	Special Handling Information	O	5

Detail

POS	ID	NAME	REQ	MAX	REPEAT
LOOP ID - 0300			M		>1
0050	LX	Transaction Set Line Number	M	1	
LOOP ID - 0310			M		1
0200	W01	Line Item Detail – Warehouse	M	2	
0450	NTE	Note/Special Instruction	O	>1	
0800	AMT	Monetary Amount Information	M	1	

Summary

POS	ID	NAME	REQ	MAX	REPEAT
0100	W76	Total Shipping Order	M	1	
0200	SE	Transaction Set Trailer	M	1	
	GE	Functional Group Trailer	M	1	
	IEA	Interchange Control Trailer	M	1	

Segments

ISA—Interchange Control Header

Properties

PROPERTY	VALUE
SECTION	N/A
LOOP	N/A
POS	N/A
MAX	1
ELEMENTS	16

Elements

REF	ID	ELEMENT NAME	REQ	TYPE	MIN/MAX				
ISA01	I01	Authorization Information Qualifier	M	ID	2/2				
		<table border="1"> <thead> <tr> <th>CODE</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>00</td> <td>No Authorization Information Present</td> </tr> </tbody> </table>	CODE	NAME	00	No Authorization Information Present			
CODE	NAME								
00	No Authorization Information Present								
		Note: Unused legacy field, always send "00"							
ISA02	I02	Authorization Information	M	AN	10/10				
		Note: Unused legacy field, send spaces							
ISA03	I03	Security Information Qualifier	M	ID	2/2				
		<table border="1"> <thead> <tr> <th>CODE</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>00</td> <td>No Security Information Present</td> </tr> </tbody> </table>	CODE	NAME	00	No Security Information Present			
CODE	NAME								
00	No Security Information Present								
		Note: Unused legacy field, always send "00"							
ISA04	I04	Security Information	M	AN	10/10				
		Note: Unused legacy field, send spaces							

ISA05	I05	Interchange ID Qualifier	M	ID	2/2				
		<table border="1"> <thead> <tr> <th>CODE</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>ZZ</td> <td>Mutually Defined</td> </tr> </tbody> </table>	CODE	NAME	ZZ	Mutually Defined			
CODE	NAME								
ZZ	Mutually Defined								
Note: Always send "ZZ"									
ISA06	I06	Interchange Sender ID	M	AN	15/15				
Note: Must be your Shipvine Logistics Merchant Code, right-padded with spaces as necessary									
ISA07	I05	Interchange ID Qualifier	M	ID	2/2				
		<table border="1"> <thead> <tr> <th>CODE</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>Phone (Telephone Companies)</td> </tr> </tbody> </table>	CODE	NAME	12	Phone (Telephone Companies)			
CODE	NAME								
12	Phone (Telephone Companies)								
Note: Always send "12"									
ISA08	I07	Interchange Receiver ID	M	AN	15/15				
Note: Always send Shipvine's Receiver ID of "8044333127"									
ISA09	I08	Interchange Date	M	DT	6/6				
Note: UTC Date ISA was generated - YYMMDD									
ISA10	I09	Interchange Time	M	TM	4/4				
Note: 24-hour UTC Time ISA was generated - HHMM									
ISA11	I65	Repetition Separator	M		1/1				
Note: Usually '^'									
ISA12	I11	Interchange Control Version Number Code	M	ID	5/5				
Note: Always send "00801"									
ISA13	I12	Interchange Control Number	M	NO	9/9				
Note: You can use any number, but it should be unique for each message. Commonly starts with "000000001" and increments sequentially.									

ISA14	I13	Acknowledgement Requested Code	M	ID	1/1						
		<table border="1"> <thead> <tr> <th>CODE</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No Interchange Acknowledgment Requested</td> </tr> </tbody> </table>	CODE	NAME	0	No Interchange Acknowledgment Requested					
CODE	NAME										
0	No Interchange Acknowledgment Requested										
Note: Not used, always send "0".											
ISA15	I14	Interchange User Indicator Code	M	ID	1/1						
		<table border="1"> <thead> <tr> <th>CODE</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>P</td> <td>Production Data</td> </tr> <tr> <td>T</td> <td>Test Data</td> </tr> </tbody> </table>	CODE	NAME	P	Production Data	T	Test Data			
CODE	NAME										
P	Production Data										
T	Test Data										
Note: Sending "T" will still send the fulfillment request to the production instance, but it will be routed to candidate requests instead of fulfillment requests.											
ISA16	I15	Component Element Separator	M		1/1						
Note: Usually '>'											

GS—Functional Group Header

Properties

PROPERTY	VALUE
SECTION	N/A
LOOP	N/A
POS	N/A
MAX	1
ELEMENTS	8

Elements

REF	ID	ELEMENT NAME	REQ	TYPE	MIN/MAX				
GS01	479	Functional Identifier Code	M	ID	2/2				
		<table border="1"> <thead> <tr> <th>CODE</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>OW</td> <td>Warehouse Shipping Order</td> </tr> </tbody> </table>	CODE	NAME	OW	Warehouse Shipping Order			
CODE	NAME								
OW	Warehouse Shipping Order								
		Note: Always send "OW"							
GS02	142	Application Sender's Code	M	AN	2/15				
		Note: Send your Shipvine Logistics Merchant Code							
GS03	124	Application Receiver's Code	M	AN	2/15				
		Note: Always send Shipvine's Receiver ID of "8044333127"							
GS04	373	Date	M	DT	8/8				
		Note: UTC Date GS was generated - CCYYMMDD							
GS05	337	Time	M	DT	4/8				
		Note: 24-hour UTC Time GS was generated - HHMM							

GS06	28	Group Control Number	M	NO	1/9				
<p>Note: You can use any number, but it should be unique for each message. Commonly starts at "000000001" and increments sequentially.</p>									
GS07	455	Responsible Agency Code	M	ID	1/2				
<table border="1"> <thead> <tr> <th>CODE</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>X</td> <td>Accredited Standards Committee X12</td> </tr> </tbody> </table>						CODE	NAME	X	Accredited Standards Committee X12
CODE	NAME								
X	Accredited Standards Committee X12								
<p>Note: Always send "X"</p>									
GS08	480	Version / Release / Identifier Industry Code	M	AN	1/12				
<table border="1"> <thead> <tr> <th>CODE</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>008010</td> <td>Standards Approved for Publication by ASC X12 Procedures Review Board through December 2019</td> </tr> </tbody> </table>						CODE	NAME	008010	Standards Approved for Publication by ASC X12 Procedures Review Board through December 2019
CODE	NAME								
008010	Standards Approved for Publication by ASC X12 Procedures Review Board through December 2019								
<p>Note: Always send "008010"</p>									

ST—Transaction Set Header

The Transaction Set Header indicates the start of the Transaction Set and assigns a control number.

Properties

PROPERTY	VALUE
<i>SECTION</i>	Heading
<i>LOOP</i>	N/A
<i>POS</i>	0100
<i>MAX</i>	1
<i>ELEMENTS</i>	3

Elements

REF	ID	ELEMENT NAME	REQ	TYPE	MIN/MAX				
ST01	143	Transaction Set Identifier Code	M	ID	3/3				
		<table border="1"> <thead> <tr> <th>CODE</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>940</td> <td>Warehouse Shipping Order</td> </tr> </tbody> </table>	CODE	NAME	940	Warehouse Shipping Order			
CODE	NAME								
940	Warehouse Shipping Order								
		Note: Always send "940"							
ST02	329	Transaction Set Control Number	M	AN	4/9				
		Note: Must uniquely identify this Transaction Set within the Functional Group. Since the most common convention is one Transaction Set in the Functional Group, it is usually always "0001".							
ST03	1705	Implementation Convention Reference	O	AN	1/35				
		Note: Send a mutually-defined code here to activate customizations supported via prior contact with Shipvine Support. In most cases, the field is not used.							

W05—Shipping Order Identification

The W05 segment allows you to specify the “Merchant Identifier” and “Customer Identifier” fields on the fulfillment request in Shipvine Logistics.

Properties

PROPERTY	VALUE
<i>SECTION</i>	Heading
<i>LOOP</i>	N/A
<i>POS</i>	0200
<i>MAX</i>	1
<i>ELEMENTS</i>	3

Elements

REF	ID	ELEMENT NAME	REQ	TYPE	MIN/MAX				
W0501	473	Order Status Code	M	ID	1/1				
		<table border="1"> <thead> <tr> <th>CODE</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>N</td> <td>Original</td> </tr> </tbody> </table>	CODE	NAME	N	Original			
CODE	NAME								
N	Original								
		Note: Always send “N” to indicate that this is a new fulfillment request							
W0502	285	Depositor Order Number	M	AN	1/22				
		Note: This should be your order number and corresponds to the “Merchant Identifier” field on the fulfillment request in Shipvine Logistics.							
W0503	324	Purchase Order Number	O	AN	1/22				
		Note: Corresponds to the optional “Customer Identifier” field on the fulfillment request in Shipvine Logistics.							

N1—Party Identification

For Shipvine Logistics, the N1 segment corresponds to the “Personal Name” field on the fulfillment request. The field is always required with a preference to representing the contact name or attention name on an order. If the person’s name isn’t available, use the company name here instead.

Properties

PROPERTY	VALUE
<i>SECTION</i>	Heading
<i>LOOP</i>	0100
<i>POS</i>	0400
<i>MAX</i>	1
<i>ELEMENTS</i>	2

Elements

REF	ID	ELEMENT NAME	REQ	TYPE	MIN/MAX				
N101	98	Entity Identifier Code	M	ID	2/3				
		<table border="1"> <thead> <tr> <th>CODE</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>ST</td> <td>Ship To</td> </tr> </tbody> </table>	CODE	NAME	ST	Ship To			
CODE	NAME								
ST	Ship To								
		Note: Always send “ST”							
N102	93	Name	M	AN	1/30				
		Note: This corresponds to the “Personal Name” field on the fulfillment request.							

N2—Additional Name Information

For Shipvine Logistics, the optional N2 segment allows you to specify the “Company Name” field on the fulfillment request.

Properties

PROPERTY	VALUE
<i>SECTION</i>	Heading
<i>LOOP</i>	0100
<i>POS</i>	0500
<i>MAX</i>	1
<i>ELEMENTS</i>	1

Elements

REF	ID	ELEMENT NAME	REQ	TYPE	MIN/MAX
N201	93	Name	M	AN	1/30

Note: This corresponds to the “Company Name” field on the fulfillment request in Shipvine Logistics.

N3—Party Location

For Shipvine Logistics, the N3 segment allows you to provide the two street address lines on a shipping address.

Properties

PROPERTY	VALUE
<i>SECTION</i>	Heading
<i>LOOP</i>	0100
<i>POS</i>	0600
<i>MAX</i>	1
<i>ELEMENTS</i>	2

Elements

REF	ID	ELEMENT NAME	REQ	TYPE	MIN/MAX
N301	166	Address Information Note: You can think of this as "Street Line 1".	M	AN	1/30
N302	166	Address Information Note: You can think of this as "Street Line 2".	O	AN	1/55

N4—Geographic Location

For Shipvine Logistics, the N4 segment completes the shipping address by specifying the city, state, postal code, and country.

Properties

PROPERTY	VALUE
<i>SECTION</i>	Heading
<i>LOOP</i>	0100
<i>POS</i>	0700
<i>MAX</i>	1
<i>ELEMENTS</i>	6

Elements

REF	ID	ELEMENT NAME	REQ	TYPE	MIN/MAX
N401	19	City Name	M	AN	2/30
N402	156	State or Province Code Note: If the state or province fits in two characters, you can use this field. Otherwise, use N405 and N406.	O	ID	2/2
N403	116	Postal Code	O	ID	3/15
N404	26	Country Code Note: Must be the two-letter ISO 3166-1 alpha2 code. Three letter codes are not supported.	M	ID	2/2

N405	309	Location Qualifier	O	ID	1/2				
		<table border="1"> <thead> <tr> <th>CODE</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>SP</td> <td>State or Province</td> </tr> </tbody> </table>	CODE	NAME	SP	State or Province			
CODE	NAME								
SP	State or Province								
<p>Note: Send "SP" here to indicate that you are sending information in N406 instead of N402. If you used N402, leave blank.</p>									
N406	310	Location Identifier	X	AN	1/30				
<p>Note: Specifies the "State or Province" field if not provided in N402.</p>									

Notes

- You may use N402 or N405 with N406 to specify the "State or Province" field, but not both.

N9—Extended Reference Information

The optional N9 segment allows you to specify uncommonly used information.

Properties

PROPERTY	VALUE
<i>SECTION</i>	Heading
<i>LOOP</i>	N/A
<i>POS</i>	0900
<i>MAX</i>	10
<i>ELEMENTS</i>	3

Elements

REF	ID	ELEMENT NAME	REQ	TYPE	MIN/MAX																		
N901	128	Reference Identification Qualifier	M	ID	2/3																		
		<table border="1"> <thead> <tr> <th>CODE</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>XY</td> <td>Other Unlisted Type of Reference Number (Note 1)</td> </tr> <tr> <td>BM</td> <td>Bill of Lading Number (Note 2)</td> </tr> <tr> <td>MB</td> <td>Master Bill of Lading (Note 2)</td> </tr> <tr> <td>4F</td> <td>Carrier-assigned Shipper Number (Note 3)</td> </tr> <tr> <td>VX</td> <td>Value-Added Tax Registration Number (Note 4)</td> </tr> <tr> <td>6O</td> <td>Cross Reference Number (Note 5)</td> </tr> <tr> <td>X13</td> <td>Report Type Code (Note 6)</td> </tr> <tr> <td>SAT</td> <td>Sub Account (Note 7)</td> </tr> </tbody> </table>	CODE	NAME	XY	Other Unlisted Type of Reference Number (Note 1)	BM	Bill of Lading Number (Note 2)	MB	Master Bill of Lading (Note 2)	4F	Carrier-assigned Shipper Number (Note 3)	VX	Value-Added Tax Registration Number (Note 4)	6O	Cross Reference Number (Note 5)	X13	Report Type Code (Note 6)	SAT	Sub Account (Note 7)			
CODE	NAME																						
XY	Other Unlisted Type of Reference Number (Note 1)																						
BM	Bill of Lading Number (Note 2)																						
MB	Master Bill of Lading (Note 2)																						
4F	Carrier-assigned Shipper Number (Note 3)																						
VX	Value-Added Tax Registration Number (Note 4)																						
6O	Cross Reference Number (Note 5)																						
X13	Report Type Code (Note 6)																						
SAT	Sub Account (Note 7)																						

98	Container/Packaging Specification Number (Note 8)
HP4	Shipment Valuation (Note 9)
SCA	Standard Carrier Alpha Code (Note 10)

Note 1: "X1" indicates that you will send a metadata name in N902 and the metadata value on N903. These metadata entries sometimes control custom aspects in the Shipvine Logistics system.

Note 2: When specified, bill of lading numbers should be in GS1 format.

Note 3: When specified, indicates that shipping should be billed to the provided UPS, FedEx, or DHL account number in N902. You must specify whether or not the account number is UPS, FedEx, or DHL by using an additional N9 segment with N901 set to "SCA".

Note 4: When specified, provides the HMRC or IOSS number for prepaid duties and taxes for shipments under certain thresholds.

Note 5: When specified, indicates what should appear in the "Label Reference 1" or "Label Reference 2" fields on the fulfillment request, depending on the number of times specified.

Note 6: When specified, corresponds to the "PackingSlipTemplate" field in the Shipvine Logistics API.

Note 7: When specified, corresponds to the "MerchantReturnProfile" field in the Shipvine Logistics API.

Note 8: When specified, corresponds to the "UccLabelTemplate" field in the Shipvine Logistics API.

Note 9: The 940 does not specify a place for a ISO 4217 currency code, so you can shove it here. If not specified, USD is inferred.

Note 10: If you are indicating that shipping should be billed to a third party or a recipient by sending an N9

<p>segment with "4F", you must indicate the carrier by including an additional N9 segment with N901 set to "SCA" and N902 set to one of "UPS"</p>					
N902	127	Reference Identification	M	AN	1/80
<p>Note: When N901 is "XY", this corresponds to the "Name" of the metadata entry.</p> <p>Note: When N901 is "SCA", this must be one of "UPSN" for UPS, "FEDN" for FedEx, or "DEXB" for DHL and indicates the carrier of the shipping charges payer.</p>					
N903	369	Free-form Description	M	AN	1/255
<p>Note: When N901 is "XY", this corresponds to the "Value" of the metadata entry. When N901 is "4F", this should be the billing postal code of the UPS, FedEx, or DHL account number.</p>					

G61—Contact

For Shipvine Logistics, the G61 contact provides additional information about the recipient. You can use it up to twice to specify the “Phone” and “Email Address” fields on the fulfillment request.

Properties

PROPERTY	VALUE
<i>SECTION</i>	Heading
<i>LOOP</i>	N/A
<i>POS</i>	1000
<i>MAX</i>	2
<i>ELEMENTS</i>	4

Elements

REF	ID	ELEMENT NAME	REQ	TYPE	MIN/MAX				
G6101	366	Contact Function Code	M	ID	2/2				
		<table border="1"> <thead> <tr> <th>CODE</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>RE</td> <td>Receiving Contact</td> </tr> </tbody> </table>	CODE	NAME	RE	Receiving Contact			
CODE	NAME								
RE	Receiving Contact								
		Note: Always send “RE”							
G6102	93	Name	M	AN	1/30				
		Note: The standard requires this field, but we don’t need it. Just repeat N102 from your N1 segment.							

G6103	03	Communication Number Qualifier	M	ID	2/2						
		<table border="1"> <thead> <tr> <th>CODE</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>EM</td> <td>Electronic Mail</td> </tr> <tr> <td>TE</td> <td>Telephone</td> </tr> </tbody> </table>	CODE	NAME	EM	Electronic Mail	TE	Telephone			
CODE	NAME										
EM	Electronic Mail										
TE	Telephone										
		<p>Note: You can repeat the G61 segment if you need to specify both an e-mail address and a telephone number on the fulfillment request.</p>									
G6104	364	Communication Number	M	AN	1/30						

NTE—Note/Special Instruction

For Shipvine Logistics, the NTE segment in the heading provides a place to pass in a customer message.

Properties

PROPERTY	VALUE
<i>SECTION</i>	Heading
<i>LOOP</i>	N/A
<i>POS</i>	1200
<i>MAX</i>	1
<i>ELEMENTS</i>	2

Elements

REF	ID	ELEMENT NAME	REQ	TYPE	MIN/MAX				
NTE01	363	Note Reference Code	M	ID	3/3				
		<table border="1"> <thead> <tr> <th>CODE</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>111</td> <td>Marketing Message</td> </tr> </tbody> </table>	CODE	NAME	111	Marketing Message			
CODE	NAME								
111	Marketing Message								
		Note: Only "111" is supported currently.							
NTE02	352	Description	M	AN	1/255				

W66—Warehouse Carrier Information

For Shipvine Logistics, the W66 segment specifies how the fulfillment request should be shipped.

Properties

PROPERTY	VALUE
<i>SECTION</i>	Heading
<i>LOOP</i>	N/A
<i>POS</i>	1400
<i>MAX</i>	1
<i>ELEMENTS</i>	5

Elements

REF	ID	ELEMENT NAME	REQ	TYPE	MIN/MAX								
W6601	146	Shipment Method of Payment Code	M	ID	2/2								
		<table border="1"> <thead> <tr> <th>CODE</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>PP</td> <td>Prepaid (by Seller)</td> </tr> <tr> <td>TP</td> <td>Third Party Pay</td> </tr> <tr> <td>BP</td> <td>Paid by Buyer</td> </tr> </tbody> </table>	CODE	NAME	PP	Prepaid (by Seller)	TP	Third Party Pay	BP	Paid by Buyer			
CODE	NAME												
PP	Prepaid (by Seller)												
TP	Third Party Pay												
BP	Paid by Buyer												
		<p>Note: Most fulfillment requests use “PP” and are billed on Shipvine’s carrier accounts. Specifying “TP” or “BP” requires passing in the FedEx, UPS, or DHL account number in the N9 segment with N901 set to “4F”.</p>											

W6602	91	Transportation Method/Type Code	M	ID	1/2				
		<table border="1"> <thead> <tr> <th>CODE</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>ZZ</td> <td>Mutually Defined</td> </tr> </tbody> </table>	CODE	NAME	ZZ	Mutually Defined			
CODE	NAME								
ZZ	Mutually Defined								
<p>Note: The standard requires something here, so always send "ZZ".</p>									
W6603	399	Pallet Exchange Code	O	ID	1/1				
<p>Note: Unused. Leave empty.</p>									
W6604	400	Unit Load Option Code	O	ID	2/2				
<p>Note: Unused. Leave empty.</p>									
W6605	387	Routing	M	AN	1/35				
<p>Note: Must be one of the accepted Shipvine Logistics shipping method codes, such as "DOMESTIC-DEFERRED" or "DOM-1D-TNT-G".</p>									

W6—Special Handling Information

This segment specifies options on a fulfillment request. Usually, only “AC” is requested for a packing slip. Everything else is pretty uncommon.

Properties

PROPERTY	VALUE
<i>SECTION</i>	Heading
<i>LOOP</i>	N/A
<i>POS</i>	1500
<i>MAX</i>	5
<i>ELEMENTS</i>	1

Elements

REF	ID	ELEMENT NAME	REQ	TYPE	MIN/MAX												
W601	152	Special Handling Code	M	ID	2/3												
		<table border="1"> <thead> <tr> <th>CODE</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>665</td> <td>Saturday Delivery (Note 1)</td> </tr> <tr> <td>OTD</td> <td>Time of Delivery and Signature Required (Note 2)</td> </tr> <tr> <td>AC</td> <td>Customer Required Packing List (Note 3)</td> </tr> <tr> <td>RA</td> <td>Return Authorization (Note 4)</td> </tr> <tr> <td>DN</td> <td>Shipper Authorization Required for Diversion or Consignment (Note 5)</td> </tr> </tbody> </table>	CODE	NAME	665	Saturday Delivery (Note 1)	OTD	Time of Delivery and Signature Required (Note 2)	AC	Customer Required Packing List (Note 3)	RA	Return Authorization (Note 4)	DN	Shipper Authorization Required for Diversion or Consignment (Note 5)			
CODE	NAME																
665	Saturday Delivery (Note 1)																
OTD	Time of Delivery and Signature Required (Note 2)																
AC	Customer Required Packing List (Note 3)																
RA	Return Authorization (Note 4)																
DN	Shipper Authorization Required for Diversion or Consignment (Note 5)																
<p>Note 1: “665” modifies FedEx and UPS day-definite services to deliver on Saturday instead of Monday.</p>																	

Note 2: "OTD" corresponds to requiring a signature or the "SignatureRequested" element of the Shipvine Logistics API.

Note 3: "AC" indicates that a packing slip should be included with the order and is commonly specified.

Note 4: "RA" indicates that a prepaid return label is requested. If third party billing is enabled, it will use a compatible service.

Note 5: "DN" corresponds to setting the "ShipmentHoldRequested" element in the Shipvine Logistics API to "True".

LX—Transaction Set Line Number

It's just the line number, usually numbered sequentially starting from 1.

Properties

PROPERTY	VALUE
<i>SECTION</i>	Detail
<i>LOOP</i>	0300
<i>POS</i>	0050
<i>MAX</i>	1
<i>ELEMENTS</i>	1

Elements

REF	ID	ELEMENT NAME	REQ	TYPE	MIN/MAX
LX01	554	Assigned Number	M	NO	1/9

W01—Line Item Detail—Warehouse

This segment instructions Shipvine which item (or SKU) to ship.

Properties

PROPERTY	VALUE
SECTION	Detail
LOOP	0310
POS	0200
MAX	2
ELEMENTS	4

Elements

REF	ID	ELEMENT NAME	REQ	TYPE	MIN/MAX				
W0101	380	Quantity	M	R	1/15				
W0102	355	Unit or Basis for Measurement Code	M	ID	2/2				
		<table border="1"> <thead> <tr> <th>CODE</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>EA</td> <td>Each</td> </tr> </tbody> </table>	CODE	NAME	EA	Each			
CODE	NAME								
EA	Each								
		Note: Shipvine only accepts fulfillment requests in the smallest countable unit.							
W0103	438	U.P.C. Case Code	O	AN	12/12				
		Note: Not used. Leave empty.							

W0104	235	Product/Service ID Qualifier	M	ID	2/2						
		<table border="1"> <thead> <tr> <th data-bbox="467 296 532 323">CODE</th> <th data-bbox="583 296 647 323">NAME</th> </tr> </thead> <tbody> <tr> <td data-bbox="467 365 500 392">SK</td> <td data-bbox="583 365 829 392">Stock Keeping Unit (SKU)</td> </tr> <tr> <td data-bbox="467 434 509 462">ZZZ</td> <td data-bbox="583 434 743 462">Mutually Defined</td> </tr> </tbody> </table>	CODE	NAME	SK	Stock Keeping Unit (SKU)	ZZZ	Mutually Defined			
CODE	NAME										
SK	Stock Keeping Unit (SKU)										
ZZZ	Mutually Defined										
<p>Note: Use "SK" to identify line items to ship. Shipvine only supports identifying items by SKU. Use "ZZZ" to specify an insert. When specifying an insert to be associated with a line item, repeat the W01 segment after the one containing the SKU.</p>											
W0105	234	Product/Service ID	M	AN	1/80						
<p>Note: Put the SKU of the item you want us to ship here.</p>											

NTE—Note/Special Instruction

In the 0310 loop for the line items, the NTE segment allows you to specify modification lines, commonly used for tailoring or monogramming instructions.

Properties

PROPERTY	VALUE
<i>SECTION</i>	Detail
<i>LOOP</i>	0310
<i>POS</i>	0450
<i>MAX</i>	3
<i>ELEMENTS</i>	2

Elements

REF	ID	ELEMENT NAME	REQ	TYPE	MIN/MAX				
NTE01	363	Note Reference Code	M	ID	3/3				
		<table border="1"> <thead> <tr> <th>CODE</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>PDS</td> <td>Product Specification</td> </tr> </tbody> </table>	CODE	NAME	PDS	Product Specification			
CODE	NAME								
PDS	Product Specification								
		Note: "PDS" shall indicate a modification line, which is limited to 30 characters. You can have up to 3 PDS lines on a fulfillment request line.							
NTE02	352	Description	M	AN	1/30				

AMT—Monetary Amount Information

In the 0310 loop for the line items, the AMT segment specifies the customs value for the item.

Properties

PROPERTY	VALUE
<i>SECTION</i>	Detail
<i>LOOP</i>	0310
<i>POS</i>	0800
<i>MAX</i>	1
<i>ELEMENTS</i>	2

Elements

REF	ID	ELEMENT NAME	REQ	TYPE	MIN/MAX				
AMT01	522	Amount Qualifier Code	M	ID	1/3				
		<table border="1"> <thead> <tr> <th>CODE</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>LI</td> <td>Line Item Unit Price</td> </tr> </tbody> </table>	CODE	NAME	LI	Line Item Unit Price			
CODE	NAME								
LI	Line Item Unit Price								
		<p>Note: A request level or order level discount amount is not provided for in the 940. You should distribute any discounts among the line items. If the item is a stored value card such as a gift card, the amount will indicate the amount to be loaded onto the gift card.</p>							
AMT02	782	Monetary Amount	M	R	1/82				

W76—Total Shipping Order

Properties

PROPERTY	VALUE
<i>SECTION</i>	Summary
<i>LOOP</i>	N/A
<i>POS</i>	0100
<i>MAX</i>	1
<i>ELEMENTS</i>	1

Elements

REF	ID	ELEMENT NAME	REQ	TYPE	MIN/MAX
W7601	380	Quantity	M	R	1/15
<p>Note: As a kind of checksum, this should be the sum of all W0101 fields on all W01 segments in the fulfillment request.</p>					

SE—Transaction Set Trailer

Properties

PROPERTY	VALUE
<i>SECTION</i>	Summary
<i>LOOP</i>	N/A
<i>POS</i>	0200
<i>MAX</i>	1
<i>ELEMENTS</i>	2

Elements

REF	ID	ELEMENT NAME	REQ	TYPE	MIN/MAX
SE01	96	Number of Included Segments Note: This is the number of total segments within the transaction set including the ST and SE segments. Do not include segments for the functional group (GS, GE) or the interchange (ISA, IEA) as these are not part of the transaction set.	M	N0	1/10
SE02	329	Transaction Set Control Number Note: This is a repeat of the number you used in the ST02 field on the ST segment.	M	AN	4/9

GE—Functional Group Trailer

Properties

PROPERTY	VALUE
<i>SECTION</i>	N/A
<i>LOOP</i>	N/A
<i>POS</i>	N/A
<i>MAX</i>	1
<i>ELEMENTS</i>	2

Elements

REF	ID	ELEMENT NAME	REQ	TYPE	MIN/MAX
GE01	97	Number of Transaction Sets Included Note: This is the number of transaction sets within the functional group, or the number of ST/SE pairs between the GS/GE segments. Since the modern convention is to typically have 1 transaction set per functional group, this is usually just "1".	M	N0	1/6
GE02	28	Group Control Number Note: This is a repeat of the number you used in the GS06 field of the GS segment.	M	N0	1/9

IEA—Interchange Control Trailer

Properties

PROPERTY	VALUE
<i>SECTION</i>	N/A
<i>LOOP</i>	N/A
<i>POS</i>	N/A
<i>MAX</i>	1
<i>ELEMENTS</i>	2

Elements

REF	ID	ELEMENT NAME	REQ	TYPE	MIN/MAX
IEA01	I16	Number of Included Functional Groups Note: This is the number of functional groups within the interchange, or the number of GS/GE pairs between the ISA/IEA segments. Since the modern convention is to typically have 1 functional group per interchange, this is usually just "1".	M	N0	1/5
IEA02	I12	Interchange Control Number Note: This is a repeat of the number you used in the ISA13 field of the ISA segment.	M	N0	9/9

Examples

The following section provides example EDI 940 X12 Transaction Sets conforming to this specification.

Basic Example

The following 940 is the simplest fulfillment request that Shipvine will accept, specifying an order for a single unit. While the W6 segment is not required, it is commonly used to specify that a packing slip be included.

```
ISA*00*          *00*          *ZZ*CONTOSO          *12*8044333127          *210723*1526**^*00801*00000001*0*P*>~
GS*0W*CONTOSO*8044333127*20210723*1531*00000001*X*008010~
ST*940*0001~
W05*N*#3425.1~
N1*ST*John Public~
N3*325 Main St~
N4*Richmond*VA*23224*US~
G61*RE*John Public*TE*8044333127~
W66*PP*ZZ***DOMESTIC-GROUND~
W6*AC~
LX*1~
W01*1*EA**SK*4013-100-M~
AMT*LI*29.99~
W76*1~
SE*13*0001~
GE*1*00000001~
IEA*1*00000001~
```

The above 940 would translate to the following XML that is used in the classic Shipvine Logistics API:

```
<FulfillmentRequestSubmission xmlns="urn:WarehouseFS-1.0">
  <MerchantCode>CONTOSO</MerchantCode>
  <MerchantIdentifier>#3425.1</MerchantIdentifier>
  <Currency>USD</Currency>
  <Address type="Shipping">
    <Country>US</Country>
    <PersonalName>
      <Last>John Public</Last>
    </PersonalName>
    <StreetLines>
      <StreetLine>325 Main St</StreetLine>
    </StreetLines>
    <CityOrTown>Richmond</CityOrTown>
    <StateOrProvince>VA</StateOrProvince>
    <PostalCode>23224</PostalCode>
    <Phone>8044333127</Phone>
  </Address>
  <Lines>
    <Line>
      <Item>
        <MerchantIdentifier>4013-100-M</MerchantIdentifier>
      </Item>
      <Quantity>1</Quantity>
      <UnitPrice>
        <Amount>29.99</Amount>
        <Currency>USD</Currency>
      </UnitPrice>
    </Line>
```

```

</Lines>
<RequestedDocuments>
  <RequestedDocument>PACKING-SLIP</RequestedDocument>
</RequestedDocuments>
<ShippingMethod>DOMESTIC-GROUND</ShippingMethod>
<Discount>
  <Amount>0.00</Amount>
  <Currency>USD</Currency>
</Discount>
<Tax>
  <Amount>0.00</Amount>
  <Currency>USD</Currency>
</Tax>
<Shipping>
  <Amount>0.00</Amount>
  <Currency>USD</Currency>
</Shipping>
</FulfillmentRequestSubmission>

```

Note that the X12 940 Transaction Set is missing fields for currency and request-level discounts, taxes, and shipping amounts. These are defaulted to USD and zero, respectively.

Complex Example

The following 940 specifies a fulfillment request with tailoring instructions, a metadata entry, and a customer message.

```

ISA*00*          *00*          *ZZ*CONTOSO          *12*8044333127          *210723*1526**^*00801*00000001*0*P*>~
GS*0W*CONTOSO*8044333127*20210723*1531*00000001*X*008010~
ST*940*0001~
W05*N*#3425.1*PO 1425~
N1*ST*John Public~
N2*Widgets Unlimited~
N3*325 Main St*Ste 7~
N4*Richmond*VA*23224*US~
N9*XY*Sync.Source*Shopify~
G61*RE*John Public*EM*john@example.com~
G61*RE*John Public*TE*8044333127~
NTE*111*Thank you for your business, John!~
W66*PP*ZZ***DOMESTIC-GROUND~
W6*AC~
LX*1~
W01*1*EA**SK*G12-100-M~
NTE*PDS*Sleeve shortening by 1"~
AMT*LI*45.99~
LX*2~
W01*5*EA**SK*X14-100-S~
AMT*LI*14.99~
W76*6~
SE*21*0001~
GE*1*00000001~
IEA*1*00000001~

```

Such a 940 would translate to the following Shipvine Logistics API XML:

```

<FulfillmentRequestSubmission xmlns="urn:WarehouseFS-1.0">
  <MerchantCode>CONTOSO</MerchantCode>
  <MerchantIdentifier>#3425.1</MerchantIdentifier>
  <CustomerIdentifier>PO 1425</CustomerIdentifier>
  <CustomerMessage>Thank you for your business, John!</CustomerMessage>
  <Currency>USD</Currency>
  <EmailAddress>john@example.com</EmailAddress>
  <Address type="Shipping">

```

```
<Country>US</Country>
<PersonalName>
  <Last>John Public</Last>
</PersonalName>
<Company>Widgets Unlimited</Company>
<StreetLines>
  <StreetLine>325 Main St</StreetLine>
</StreetLines>
<CityOrTown>Richmond</CityOrTown>
<StateOrProvince>VA</StateOrProvince>
<PostalCode>23224</PostalCode>
<Phone>8044333127</Phone>
</Address>
<Lines>
  <Line>
    <Item>
      <MerchantIdentifier>G12-100-M</MerchantIdentifier>
      <Modifications>
        <Modification>Sleeve shortening by 1"</Modification>
      </Modifications>
    </Item>
    <Quantity>1</Quantity>
    <UnitPrice>
      <Amount>45.99</Amount>
      <Currency>USD</Currency>
    </UnitPrice>
  </Line>
  <Line>
    <Item>
      <MerchantIdentifier>X14-100-S</MerchantIdentifier>
    </Item>
    <Quantity>5</Quantity>
    <UnitPrice>
      <Amount>14.99</Amount>
      <Currency>USD</Currency>
    </UnitPrice>
  </Line>
</Lines>
<RequestedDocuments>
  <RequestedDocument>PACKING-SLIP</RequestedDocument>
</RequestedDocuments>
<ShippingMethod>DOMESTIC-GROUND</ShippingMethod>
<Discount>
  <Amount>0.00</Amount>
  <Currency>USD</Currency>
</Discount>
<Tax>
  <Amount>0.00</Amount>
  <Currency>USD</Currency>
</Tax>
<Shipping>
  <Amount>0.00</Amount>
  <Currency>USD</Currency>
</Shipping>
</FulfillmentRequestSubmission>
```