

# 943—Warehouse Stock Transfer Shipment Advice

# Functional Group = AR

This X12 Transaction Set contains the format and establishes the contents of the Warehouse Stock Transfer Shipment Advice (943) for use within the context of an Electronic Data Interchange (EDI) environment.

Specifically, this transaction set is the canonical format used by a merchant to advise Shipvine that they are sending inventory to us. It corresponds to the creation of an **inbound shipment** in Shipvine Logistics terminology.

# **Transaction Set**

### Heading

POS	ID	NAME	REQ	МАХ	REPEAT
	ISA	Interchange Control Header	М	1	
	GS	Functional Group Header	М	1	
0100	ST	Transaction Set Header	М	1	
0200	W06	Warehouse Shipment Identification	М	1	
LOOP ID	- 0100		0	-	1
0400	N1	Party Identification	М	1	
0500	N2	Additional Name Information	Ο	1	
0600	N3	Party Location	М	1	
0700	N4	Geographic Location	М	1	
0900	N9	Extended Reference Information	0	10	
1000	G61	Contact	0	1	



1300 W27 Carrier Details (Warehouse)	0	1	
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### Detail

POS	ID	NAME	REQ	MAX	REPEAT
	-	-		_	
LOOP ID	- 0200		М		9999
0200	W04	Item Detail Total	М	1	
0400	N9	Extended Reference Information	М	1	

## Summary

POS	ID	NAME	REQ	MAX	REPEAT
	-	-			
0100	W03	Total Shipment Information (Warehouse)	М	1	
0200	SE	Transaction Set Trailer	М	1	
	GE	Functional Group Trailer	М	1	
	IEA	Interchange Control Trailer	М	1	



# Segments

# ISA—Interchange Control Header

### Properties

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

REF	ID	ELEMEN	TNAME	REQ	TYPE	MIN/MAX
ISA01	101	Authoriza	ation Information Qualifier	М	ID	2/2
		CODE	NAME			
		00	No Authorization Information Present			
		Note: Unus "00"	ed legacy field, Shipvine always sends			
ISA02	102	Authoriza	ation Information	М	AN	10/10
		Note: Unus spaces	ed legacy field, Shipvine always sends			
ISA03	103	Security	Information Qualifier	М	ID	2/2
		CODE	NAME			
		00	No Security Information Present			
		Note: Unus "00"	ed legacy field, Shipvine always sends			



ISA04	104	Security Information	М	AN	10/10
		Note: Unused legacy field, Shipvine always sends spaces			
ISA05	105	Interchange ID Qualifier	М	ID	2/2
		CODE NAME			
		ZZ Mutually Defined			
		Note: Always send "ZZ"			
ISA06	106	Interchange Sender ID	М	AN	15/15
		Note: Must be your Shipvine Logistics Merchant Code, right-padded with spaces as necessary			
ISA07	105	I nterchange ID Qualifier	М	ID	2/2
		CODE NAME			
		12 Phone (Telephone Companies)			
		Note: Always send "12"			
ISA08	107	Interchange Receiver ID	М	AN	15/15
		Note: Always send Shipvine's Receiver ID of "8044333127"			
ISA09	108	Interchange Date	М	DT	6/6
		Note: UTC Date ISA was generated - YYMMDD			
ISA10	109	Interchange Time	М	ТМ	4/4
		Note: 24-hour UTC Time ISA was generated - HHMM			
ISA11	165	Repetition Separator	М		1/1
		Note: Usually '^'			
ISA12	111	Interchange Control Version Number Code	М	ID	5/5
		Note: Always send "00801"			
ISA13	l12	Interchange Control Number	М	NO	9/9
		Note: Shipvine will start with "000000001" and increment sequentially			



ISA14	113	Acknowle	edgement Requested Code	М	ID	1/1
		CODE	NAME			
		0	No Interchange Acknowledgment Requested			
		Note: Not u	sed, Shipvine always send "0".			
ISA15	114	Interchan	ge User Indicator Code	М	ID	1/1
		CODE	NAME			
		Ρ	Production Data			
		Note: "T" m shipments	ode is not supported on inbound			
ISA16	I15	Compone	ent Element Separator	М		1/1
		Note: Usua	ly '>'			



# GS—Functional Group Header

### Properties

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

REF	ID	ELEMEN	TNAME	REQ	TYPE	MIN/MAX
GS01	479	Functiona	l Identifier Code	М	ID	2/2
		CODE	NAME			
		AR	Warehouse Stock Transfer Shipment Advice (943)			
		Note: Alway	s send "AR"			
GS02	142	Applicatio	n Sender's Code	М	AN	2/15
		Note: Your S	Shipvine Logistics Merchant Code			
GS03	124	Applicatio	n Receiver's Code	М	AN	2/15
		Note: Alway	s "8044333127"			
GS04	373	Date		М	DT	8/8
		Note: UTC [	Date GS was generated - CCYYMMDD			
GS05	337	Time		М	DT	4/8
		Note: 24-ho	ur UTC Time GS was generated - HHMM			



GS06	28	Group Co	ntrol Number	М	N0	1/9
		Note: Shipvi sequentially	ne starts at "000000001" and increments			
GS07	455	Responsi	ble Agency Code	М	ID	1/2
		CODE	NAME			
		х	Accredited Standards Committee X12			
		Note: Shipvi	ne always sends "X"			
GS08	480	Version /	Release / Identifier Industry Code	М	AN	1/12
		CODE	NAME			
		008010	Standards Approved for Publication by ASC X12 Procedures Review Board through December 2019			
		Note: Shipvi	ne always sends "008010"			



### ST—Transaction Set Header

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

### Properties

PROPERTY	VALUE
SECTION	Heading
LOOP	N/A
POS	0100
MAX	1
ELEMENTS	2

REF	ID	ELEMEN	ELEMENT NAME		TYPE	MIN/MAX
ST01	143	Transaction Set Identifier Code		М	ID	3/3
		CODE	NAME			
		943	Warehouse Stock Transfer Shipment Advice			
		Note: Ship	ine always sends "943"			
ST02	329	Transact	on Set Control Number	М	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".				



### W06—Warehouse Shipment Identification

The W06 segment provides header detail on the inbound shipment.

#### Properties

PROPERTY	VALUE
SECTION	Heading
LOOP	N/A
POS	0200
MAX	1
ELEMENTS	4

REF	ID	ELEMEN	ELEMENT NAME		TYPE	MIN/MAX
W0601	W0601 514		514 Reporting Code		ID	1/1
		CODE	NAME			
		J	Original Transaction			
		Note: Alway	/s send "J"			
W0602	285	Deposito	r Order Number	М	AN	1/22
		number and	Note: This should be your system's purchase order number and corresponds to the "Merchant Identifier" field on the inbound shipment in Shipvine Logistics.			
W0603	373	Date		М	DT	8/8
			vill be the date that you estimate that the pment will arrive in CCYYMMDD format.			
W0604	145	Shipmen	t Identification Number	0	AN	1/22
		Note: This will be the master tracking number. On multiple parcel shipments, it will correspond to the master tracking number on box 1.				



## N1—Party Identification

The N1 segment corresponds to the "Origin Contact" field on the inbound shipment.

#### Properties

PROPERTY	VALUE
SECTION	Heading
LOOP	0100
POS	0400
MAX	1
ELEMENTS	2

REF	ID	ELEMEN	ELEMENT NAME		TYPE	MIN/MAX
N101	98	Entity Ide	Entity Identifier Code		ID	2/3
		CODE	NAME			
		SF	Ship From			
		Note: Alway	s send "SF"			
N102	93	Name		М	AN	1/30
		Note: This c the inbound	orresponds to the "Origin Contact" field on shipment.	1		



### N2—Additional Name Information

The optional N2 segment corresponds to the "Origin Company" field on the inbound shipment.

### Properties

PROPERTY	VALUE
SECTION	Heading
LOOP	0100
POS	0500
MAX	1
ELEMENTS	1

REF	ID	ELEMENT NAME	REQ	TYPE	MIN/MAX
N201	93	Name	М	AN	1/30
		Note: This corresponds to the "Origin Company" field on the "Shipping From" object on the inbound shipment.			



## N3—Party Location

The N3 segment provides the two street address lines on the "Shipping From" address on the inbound shipment.

#### Properties

PROPERTY	VALUE
SECTION	Heading
LOOP	0100
POS	0600
MAX	1
ELEMENTS	2

REF	ID	ELEMENT NAME	REQ	TYPE	MIN/MAX
N301	166	Address Information	М	AN	1/30
		Note: You can think of this as "Street Line 1".			
N302	166	Address Information	0	AN	1/55
		Note: You can think of this as "Street Line 2".			



# N4—Geographic Location

The N4 segment completes the "Ship From" address by specifying the city, state, postal code, and country.

### Properties

PROPERTY	VALUE
SECTION	Heading
LOOP	0100
POS	0700
MAX	1
ELEMENTS	6

REF	ID	ELEMEN	IT NAME	REQ	TYPE	MIN/MAX
N401	19	City Nam	ie	М	AN	2/30
N402	156	State or I	Province Code	0	ID	2/2
			state or province fits in two characters, it in this field. Otherwise, Shipvine will send nd N406.			
N403	116	Postal Co	ode	0	ID	3/15
N404	26	Country Code		М	ID	2/2
		Note: Will b	be sent as the ISO 3166-1 alpha2 code.			
N405	309	Location	Qualifier	0	ID	1/2
		CODE	NAME			
		SP	State or Province			
		are sending	vine sends "SP" here to indicate that we g information in N406 instead of N402. If n N402, this will be blank.			



N406	310	Location Identifier	Х	AN	1/30
		Note: Specifies the "State or Province" field if not provided in N402.			

#### Notes

• Shipvine 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 specifies additional information about the inbound shipment.

#### Properties

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

REF	ID	ELEMEN	TNAME	REQ	TYPE	MIN/MAX
N901	128	Referenc	Reference Identification Qualifier		ID	2/3
		CODE	NAME			
		XY	Other Unlisted Type of Reference Number			
		attached to value in N90	ndicates that you will send metadata to be the inbound shipment with the name/key 02 and the value in N903. This information ed back to you on the 944.			
N902	127	Note: When	Reference Identification Note: When N901 is "XY", this corresponds to the "Name" of the metadata entry.		AN	1/80
N903	369	Note: When	Free-form Description Note: When N901 is "XY", this corresponds to the "Value" of the metadata entry.		AN	1/255



## G61—Contact

The G61 Contact specifies the "Origin Phone" field on the "Shipping From" address on the inbound shipment.

#### Properties

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

REF	ID	ELEMEN	TNAME	REQ	TYPE	MIN/MAX
G6101	366	Contact F	Function Code	М	ID	2/2
		CODE	NAME			
		SH	Shipper Contact			
		Note: Alway	/s send "SH"			
G6102	93	Name		М	AN	1/30
		Note: The s N102.	tandard requires this field, so just repeat			
G6103	03	Commun	ication Number Qualifier	М	ID	2/2
		CODE	NAME			
		TE	Telephone			
			e other entities, the inbound shipment port the "EM" code.			
G6104	364	Commun	ication Number	М	AN	1/30



# W27—Carrier Details (Warehouse)

The W27 segment indicates by what shipping service (carrier and product, such as "FedEx Home Delivery") an inbound shipment was shipped.

#### Properties

PROPERTY	VALUE
SECTION	Heading
LOOP	N/A
POS	1300
MAX	1
ELEMENTS	3

REF	ID	ELEMEN	ELEMENT NAME		TYPE	MIN/MAX
W2701	91	Transpor	Transportation Method/Type Code		ID	1/2
		CODE	CODE NAME			
		7	Mail			
		U	Private Parcel Service			
		н	Customer Pickup			
		М	Motor (Common Carrier)			
		Note: More W2702 and	usefully detailed information is provided in W2703.			
W2702	140	Standard	l Carrier Alpha Code	0	ID	2/4
		Note: Not a	Il shipping methods include a SCAC.			



W2703	387	Routing	М	AN	1/35
		Note: This will be the full name of the shipping service used such as "USPS Priority Mail" or "FedEx SmartPost".			



### W04—Item Detail Total

Specifies the item and quantity that you are sending to us in an inbound shipment. If packlevel detail is being provided, then you may repeat a given item/SKU in multiple W04 segments, with the carton number being specified by the following N9 segment.

#### Properties

PROPERTY	VALUE
SECTION	Detail
LOOP	0200
POS	0300
MAX	1
ELEMENTS	5

REF	ID	ELEMEN	TNAME	REQ	TYPE	MIN/MAX
W0401	382	Number o	f Units Shipped	М	R	1/10
		you are sen detail by pro segment, th	Note: This is the number of units of a given SKU that you are sending us. If you are providing pack-level detail by providing a carton number in a following N9 segment, then it's the number of units in the given SKU that are in that particular carton.			
W0402	355	Unit or Ba	Unit or Basis for Measurement Code		ID	2/2
		CODE	NAME			
		EA	Each			
		Note: Shipv	Note: Shipvine always counts items in "EA".			
W0403	438		U.P.C. Case Code Note: Unused.		AN	12/12



W0404	235	5 Product/Service ID Qualifier		М	ID	2/2
		CODE	NAME			
		SK	Stock Keeping Unit (SKU)			
		Note: This v contains the	vill always be "SK" to indicate that W0405 item SKU.			
W0405	234	Product/S	Service ID	М	ID	1/80
			your item's SKU/Merchant Identifier in Logistics catalog.			



### N9—Extended Reference Information

The N9 segment within the 0200 loop indicates the carton number that the preceding W04 segment can physically be found in. If you are unable to provide pack-level detail on an inbound shipment, then you can provide everything as carton number 1.

#### Properties

PROPERTY	VALUE
SECTION	Detail
LOOP	0200
POS	0400
MAX	1
ELEMENTS	2

REF	ID	ELEMEN	ELEMENT NAME		TYPE	MIN/MAX
N901	128	Reference	Reference Identification Qualifier		ID	2/2
		CODE	NAME			
		SQ	Container Sequence Number			
		Note: Alway	s send "SQ".			
N902	127	Reference	e Identification	М	AN	1/80
			Note: This should be the carton number, which will be parsed as an integer, such as "1" or "25".			



## W03—Total Shipment Information (Warehouse)

### Properties

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

REF	ID	ELEMENT NAME	REQ	TYPE	MIN/MAX
W0301	382	Number of Units Shipped	М	R	1/10
		Note: As a kind of checksum, this is the sum of all units in the inbound shipment.			



## SE—Transaction Set Trailer

### Properties

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

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.	М	NO	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.	Μ	AN	4/9



# GE—Functional Group Trailer

### Properties

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

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".	М	NO	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.	М	NO	1/9



# IEA—Interchange Control Trailer

### Properties

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

REF	ID	ELEMENT NAME	REQ	TYPE	MIN/MAX
IEA01	116	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".	Μ	NO	1/5
IEA02	112	Interchange Control Number Note: This is a repeat of the number you used in the ISA13 field of the ISA segment.	М	NO	9/9



# Examples

The following section provides example EDI 943 X12 Transaction Sets conforming to this specification that you might send to Shipvine.

### **Basic Example**

The following 943 is just about the simplest 943 that Shipvine will be able to accept as an inbound shipment, representing ten units of one SKU being sent to Shipvine.

```
ISA*00*
                 *00*
                                                   *12*8044333127
                                                                      *210729*0933*^*00801*00000001*0*P*>~
                               *77*CONTOSO
GS*AR*CONTOSO*8044333127*20210729*0933*00000001*X*008010~
ST*943*0001~
W06*J*My Awesome Inbound*20210815~
N1*SF*Sally Seller~
N2*Sally's Seashells~
N3*123 Sandfiddler Rd~
N4*Beachtown*VA*23452*US~
G61*SH*Sally Seller*TE*18045551234~
W27*U*UPSN*UPS Ground~
W04*10*EA**SK*4013-100-S~
N9*S0*1~
W03*10~
SE*12*0001~
GE*1*00000001~
IEA*1*00000001~
```

## **Complex Example**

The following 943 specifies an inbound shipment that provides pack-level detail. It shows 3 different SKUs shipped in 3 different cartons:

- Carton 1 contains 10 units of 4013-100-S
- Carton 2 contains 5 units of 4013-100-S and 5 units of 4013-100-M
- Carton 3 contains 10 units of 4013-100-L

The master tracking number on box 1 is "1Z1234512345612" and the shipment is expected to arrive on August 15<sup>th</sup>, 2021.

```
ISA*00*
                 *00*
                               *ZZ*CONTOSO
                                                   *12*8044333127
                                                                       *210729*0933*^*00801*00000001*0*P*>~
GS*AR*CONTOSO*8044333127*20210729*0933*00000001*X*008010~
ST*943*0001~
W06*J*My Awesome Inbound*20210815*1Z1234512345612~
N1*SF*Sally Seller~
N2*Sally's Seashells~
N3*123 Sandfiddler Rd~
N4*Beachtown*VA*23452*US~
G61*SH*Sally Seller*TE*18045551234~
W27*U*UPSN*UPS Ground~
W04*10*EA**SK*4013-100-S~
N9*SQ*1~
W04*5*EA**SK*4013-100-S~
N9*SQ*2~
W04*5*EA**SK*4013-100-M~
N9*SQ*2~
W04*10*EA**SK*4013-100-L~
```



N9\*SQ\*3~ W03\*30~ SE\*18\*0001~ GE\*1\*00000001~ IEA\*1\*000000001~