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Warehouse Stock Transfer Receipt Advice (X12)

Supplier's remote warehouses or third-party warehouse Partners use warehouse shipping advices to communicate confirmation to the sending warehouse that they have successfully received the transferred product, if the transfer shipment experienced any breakage, and if there were any discrepancies between the expected product and quantities and the received product and quantities.



Contact your TraceLink Services representative for more information about integrating with this message.

- **Message Type:** MPC_WAREHOUSE_STOCK_TRANSFER_RECEIPT_ADVICE
(Warehouse Stock Transfer Receipt Advice)
- **X12 Format:** 944
- **Transform Names:**
 - B2B_EDIX12_944_WHS_StockTransferReceipt_IB_V3
 - B2B_EDIX12_944_WHS_StockTransferReceiptAdvice_OB_V1

Guidelines

Input Element	Occurs	Length	Description	Example
ISA	1...1	-	Required. ISA interchange envelope.	-
ISA01	1...1	2/2	Required. Qualifier for authorization control number in ISA02.	00
ISA02	1...1	10/10	Required. Information used for additional identification or authorization of the interchange sender or the data in the interchange/ 10 spaces a valid entry.	-
ISA03	1...1	2/2	Required. Qualifier for security information in ISA04.	00

Input Element	Occurs	Length	Description	Example
ISA04	1...1	10/10	Required. Identifies security information about the interchange sender or data.	-
ISA05	1...1	2/2	Required. Interchange sender partner ID qualifier.	07
ISA06	1...1	15/15	Required. Interchange sender identification mapping to fileSenderNumber with party type defined in ISA05.	7777776067344
ISA07	1...1	2/2	Required. Interchange receiver partner ID qualifier.	01
ISA08	1...1	15/15	Required. EDI receiver ID mapping to file control header and to ServiceLinkId.	888888404358877
ISA09	1...1	6/6	Required. Interchange date in 6 char YYYYMMDD format.	231020
ISA10	1...1	4/4	Required. Interchange time in 4 char HHMM format.	1420
ISA11	1...1	1/1	Required. Repetition separator. Delimiter that separates repeated occurrences of a data element or composite data structure. Must be different than the data element separator, component separator, and segment terminator.	
ISA12	1...1	5/5	Required. Interchange control version number. Valid value is 00501.	00501
ISA13	1...1	9/9	Required. Interchange control number mapping to file control header.	0000000000619827
ISA14	1...1	1/1	Required. Interchange level acknowledgment requested. Valid values: • 0 - No acknowledgment requested. • 1 - Interchange level acknowledgment requested.	0
ISA15	1...1	1/1	Required. Indicates whether the interchange is for production, test, or information purposes. Valid values: • I - Information. • P - Production data. • T - Test data.	P
ISA16	1...1	1/1	Required. Component element separator. Delimiter that separates data elements within a composite data structure. Must be different than the data element separator and segment terminator.	>
GS	1...*	-	GS group functional envelope. Child of ISA. Only one GS group expected per interchange.	-
GS01	1...1	2/2	Required. GS group function code. Valid value is RE - WHS Stock Transfer Receipt Advice.	RE
GS02	1...1	2/15	Required. Application sender's code.	2222224043588
GS03	1...1	2/15	Required. Application receiver's code.	TRACELINK
GS04	1...1	8/8	Required. Current date stamp in 8 char X12 date format YYYYMMDD.	20301020
GS05	1...1	4/8	Required. Current time stamp in 6 char X12 time format HHMMSS.	142000
GS06	1...1	1/9	Required. Group control ID number.	619827
GS07	1...1	1/2	Required. Responsible agency code. Valid values: T = Transportation Data Coordinating Committee (TDCC). X = Accredited Standards Committee X12.	X
GS08	1...1	1/12	X12 message version code. Valid value is 00501.	005010
ST	1...*	-	ST transaction set envelope. Child of GS group. Only one ST transaction expected.	-
ST01	1...1	3/3	Required. Transaction set identifier code.	944
ST02	1...1	4/9	Required. Transaction set ID number. Counter for each ST segment beginning with 1.	0001
W17	1...1	-	Required. Warehouse stock transfer receipt advice identification	-
W1701	1...1	1/1	Required. Reporting Code specifying the basis used when reporting shipment information. Valid values: • A - Inventory adjustment with full details • B - Book transfer of inventory with full details • C - Customer return with full details • F - Full details in message • J - Original transaction • K - Simulation exercise • N - No exceptions • O - Physical inventory overage with full detail • P - Production receipt with full detail • R - Replacement and charge with full detail • S - Physical inventory shortage with full detail • X - Only exceptions included	O
W1702	0...1	8/8	Date in YYYYMMDD format.	20231229
W1703	0...1	1/12	Warehouse stock transfer receipt advice identifier.	4500003288

Input Element	Occurs	Length	Description	Example
W1704	0...1	1/22	Depositor order number.	-
W1705	0...1	1/30	Shipment identification number.	-
N1	0...1	-	N1: Name segment loop for: • Ship to party. • Buyer party (sold to). • Supplier party. • Ship from party. • Carrier party.	-
N101	1...1	2/3	Required. Entity identifier code for party identifier and address information for: • Ship to party. • Sold to party (customer). • Supplier party. • Ship from party. • Carrier party. Valid values: • ST - Ship to party. • BY - Buyer. • SU - Supplier. • SF - Ship from party. • CA - Carrier.	ST
N102	1...1	1/60	Required. Name	Wholesale Inc
N103	1...1	1/2	Required. Identifier code qualifier. Valid values: • 01 - DUNS • 09 - DUNS+4 • 11 - Drug Enforcement Agency registration number • 21 - Health Industry Number • 91 - Company identifier • 92 - Company location identifier • UL - Global Location Number	11
N104	1...1	2/80	Required. Ship to party identifier, as qualified by N103.	3333331013655
N3	0...1	-	N3: Address. Child of Ship to N1 Name segment.	-
N301	1...1	1/55	Required. Street address 1.	555 Neelan Road
N302	0...1	1/55	Street address 2.	Suite 123
N4	0...1	-	N4: Geographic Location. Child of ship to N1 name segment.	-
N401	1...1	2/30	Required. City name.	Sacramento
N402	1...1	2/2	Required. State or province code. Code (Standard state or province) as defined by appropriate government agency.	CA
N403	1...1	3/15	Required. Postal code. Code defining international postal zone code excluding punctuation and blanks (zip code for United States).	95833
N404	1...1	2/3	Required. Country code.	US
N405	0...1	1/2	Placeholder for future use of SGLN.	-
N406	0...1	1/30	Origin or destination shipping location ID. SGLN number.	-
N9	0...10	-	Extended reference information.	-
N901	1...1	2/3	Required. Reference identification qualifier. Valid Values: 0L - Bill of Lading (BOL) PC - Work Order PO - Purchase Order	PO
N902	0...1	1/80	Reference identification.	K018293-00010
N903	0...1	1/45	Free form description.	TEST ITEM1
N904	0...1	8/8	Date in YYYYMMDD format.	20231001
N905	0...1	4/8	Time in HHMMSS format.	-
G62	0...5	-	Header level dates.	-
G6201	0...1	2/2	Header level date type qualifier. Valid value is BS - Product receipt date.	BS
G6202	0...1	8/8	Reference Identification.	20231229
NTE	0...20	-	Note, special instructions, free text segment.	-
NTE01	0...1	3/3	Note reference code. Pass through mapping.	ZZZ
NTE02	0...1	1/80	Reference Identification.	K018293-00010
W08	0...1	-	WHS Stock Transfer Receipt carrier information.	-

Input Element	Occurs	Length	Description	Example
W0801	1...1	1/2	<p>Required.Transportation method or type code. Valid values: Valid values:</p> <ul style="list-style-type: none"> • A - Air • AE - Air Express • H - Customer pickup • I- Common irregular carrier • J - Truck • K - Backhaul • L - Contract carrier • LT - Less than trailer load (LTL) • M - Motor (common carrier) • N - Private Vessel • O - Container sea • P - Private Parcel service • R - Rail • S - Sea/Ocean • SR - Supplier truck • T - Best way • U - Inland waterway • U - Private parcel service (HDMA) • X - Intermodal (piggy-back) • ZZ - Mutually defined • 7 - Mail 	M
W0802	0...1	2/4	Standard carrier alpha code (SCAC).	A324
LX	0...*	-	Transaction set line number loop.	-
LX01	1...1	1/6	Required. Transaction set line number.	000010
W07	0...*	-	WHS Stock Transfer Receipt line item detail.	-
W0701	1...1	1/15	Required. Quantity received in shipment.	240.000

Input Element	Occurs	Length	Description	Example
W0702	0...1	2/2	Unit or basis for measurement code. .Valid values <ul style="list-style-type: none"> • 02 - Statute Mile • 4G - Microliter • AM - Ampoule • AV - Capsule • BD - Bundle • BG - Bag • B0 - Bottle • BX - Box • C3 - Centiliter • CA - Case • CC - Cubic Centimeter • CF - Cubic Feet • CG - Card, Blister • CI - Cubic Inches • CL - Cylinder • CM - Centimeter • CN - Can • CP - Crate • CQ - Cartridge • CR - Cubic Meters • CT - Carton • DA - Day • DI - Dispenser • DK - Kilometers • DL - Deciliter • DM - Decimeter • DR - Drum • DS - Display • DZ - Dozen • EA - Each • FO - Fluid Ounce • FT - Foot • GA - Gallon • GL - Gram/liter • GR - Gram • GS - Gross • H4 - Hectoliter • HF - Hundred Feet • HR - Hours • IN - Inch • K6 - Kiloliters • KG - Kilogram • KT - Kit • LB - Pounds • LF - Linear Foot • L0 - Lot (unit of procurement) • LT - Liter • LY - Linear Yard • MC - Microgram • ME - Milligram • ML - Milliliter • MM - Millimeter • M0 - Months • MR - Meter • OZ - Ounces • PC - Piece • PF - Pallet • PK - Package • PR - Pair • PT - Pint • QT - Quart • RL - Roll • SC - Square Centimeter • SF - Square Foot • SH - Sheet • SI - Square Inch • SM - Square Meter • ST - Set • SY - Square Yard • T3 - Thousand Pieces • TB - Tube • TH - Thousand • TY - Tray • U2 - Tablet • UM - Million • UN - Unit • V2 - Pouch • VI - Vial • WK - Week • YD - Yard • YR - Years 	EA

Input Element	Occurs	Length	Description	Example
W0703	0...1	1/12	UPC case code	-
W0704	0...1	2/2	Product or service ID qualifier. Valid values: <ul style="list-style-type: none"> • BP - Buyer item code • FV - Canada National Drug Identification Number • LT - Lot number • MF - Manufacturer's product number • N1 - US National-Drug-Code-NDC442-with-hyphen-separators • N2 - US National-Drug-Code-NDC532-with-hyphen-separators • N3 - US National-Drug-Code-NDC541-with-hyphen-separators • N4 - US-National-Drug-Code-NDC542-with-hyphen-separators • ND - US-National-Drug-Code-NDC542-with-hyphen-separators • PI or IN - Customer's (Purchaser's) item code • SK - Stock keeping unit • UK - GTIN14 identifier • UP - EAN/UPC Universal Item Number/GTIN (UCC-12) • VC - Vendor catalog material Number. • VN - Vendor/Supplier material Number. 	UK
W0705	0...1	1/80	Product or service ID.	100021
W0706	0...1	2/2	Product or service ID qualifier. Valid values: <ul style="list-style-type: none"> • BP - Buyer item code • FV - Canada National Drug Identification Number • LT - Lot number • MF - Manufacturer's product number • N1 - US National-Drug-Code-NDC442-with-hyphen-separators • N2 - US National-Drug-Code-NDC532-with-hyphen-separators • N3 - US National-Drug-Code-NDC541-with-hyphen-separators • N4 - US-National-Drug-Code-NDC542-with-hyphen-separators • ND - US-National-Drug-Code-NDC542-with-hyphen-separators • PI or IN - Customer's (Purchaser's) item code • SK - Stock keeping unit • UK - GTIN14 identifier • UP - EAN/UPC Universal Item Number/GTIN (UCC-12) • VC - Vendor catalog material Number. • VN - Vendor/Supplier material Number. 	UP
W0707	0...1	1/80	Product or service ID.	100021
W0708	0...1	1/12	Warehouse lot number.	-
W0709	0...1	1/1	Warehouse detail adjustment identifier code.	-
W0710	0...1	2/2	Product/Service ID Qualifier. Valid values: <ul style="list-style-type: none"> • BP - Buyer item code • FV - Canada National Drug Identification Number • LT - Lot number • MF - Manufacturer's product number • N1 - US National-Drug-Code-NDC442-with-hyphen-separators • N2 - US National-Drug-Code-NDC532-with-hyphen-separators • N3 - US National-Drug-Code-NDC541-with-hyphen-separators • N4 - US-National-Drug-Code-NDC542-with-hyphen-separators • ND - US-National-Drug-Code-NDC542-with-hyphen-separators • PI or IN - Customer's (Purchaser's) item code • SK - Stock keeping unit • UK - GTIN14 identifier • UP - EAN/UPC Universal Item Number/GTIN (UCC-12) • VC - Vendor catalog material Number. • VN - Vendor/Supplier material Number. 	MF
W0711	0...1	1/80	Product or service ID.	-
N9	1...1	-	Required. Extended reference information.	-
N901	1...1	2/3	Required. Reference identification qualifier. Valid values: <ul style="list-style-type: none"> • 21 - Tracking number. • P0 - Purchase order. • VN - Supplier order. 	PO
N902	0...1	1/80	Reference Identification.	K018293-00010

Input Element	Occurs	Length	Description	Example
N904	0...1	8/8	Date in YYYYMMDD format.	20231229
N905	0...1	4/8	Time in HH:MM:SS format.	-
W20	0...2	-	Line item detail - Packing.	-
W2001	0...1	1/6	Pack. The number of inner containers, or eaches if there are no inner containers, in each outer container.	20
W2002	0...1	1/8	Size of the supplier units in pack.	10

Input Element	Occurs	Length	Description	Example
W2003	0...1	2/2	Quantity unit of measure for W2001. .Valid values <ul style="list-style-type: none"> • 02 - Statute Mile • 4G - Microliter • AM - Ampoule • AV - Capsule • BD - Bundle • BG - Bag • B0 - Bottle • BX - Box • C3 - Centiliter • CA - Case • CC - Cubic Centimeter • CF - Cubic Feet • CG - Card, Blister • CI - Cubic Inches • CL - Cylinder • CM - Centimeter • CN - Can • CP - Crate • CQ - Cartridge • CR - Cubic Meters • CT - Carton • DA - Day • DI - Dispenser • DK - Kilometers • DL - Deciliter • DM - Decimeter • DR - Drum • DS - Display • DZ - Dozen • EA - Each • FO - Fluid Ounce • FT - Foot • GA - Gallon • GL - Gram/liter • GR - Gram • GS - Gross • H4 - Hectoliter • HF - Hundred Feet • HR - Hours • IN - Inch • K6 - Kiloliters • KG - Kilogram • KT - Kit • LB - Pounds • LF - Linear Foot • L0 - Lot (unit of procurement) • LT - Liter • LY - Linear Yard • MC - Microgram • ME - Milligram • ML - Milliliter • MM - Millimeter • M0 - Months • MR - Meter • OZ - Ounces • PC - Piece • PF - Pallet • PK - Package • PR - Pair • PT - Pint • QT - Quart • RL - Roll • SC - Square Centimeter • SF - Square Foot • SH - Sheet • SI - Square Inch • SM - Square Meter • ST - Set • SY - Square Yard • T3 - Thousand Pieces • TB - Tube • TH - Thousand • TY - Tray • U2 - Tablet • UM - Million • UN - Unit • V2 - Pouch • VI - Vial • WK - Week • YD - Yard • YR - Years 	PK

Input Element	Occurs	Length	Description	Example
W2004	0...1	1/10	Weight.	20
W2005	0...1	2/2	Weight qualifier identifying type of weight. Valid values: • G - Gross weight • T - Tare weight	G
W2006	0...1	1/1	Weight unit of measure. Valid values: • G - Grams • K - Kilograms • L - Pounds • O - Ounces	K
W2008	0...1	1/8	Volume of pack items.	125

Input Element	Occurs	Length	Description	Example
W2009	0...1	2/2	Unit of measure for volume. .Valid values <ul style="list-style-type: none"> • 02 - Statute Mile • 4G - Microliter • AM - Ampoule • AV - Capsule • BD - Bundle • BG - Bag • B0 - Bottle • BX - Box • C3 - Centiliter • CA - Case • CC - Cubic Centimeter • CF - Cubic Feet • CG - Card, Blister • CI - Cubic Inches • CL - Cylinder • CM - Centimeter • CN - Can • CP - Crate • CQ - Cartridge • CR - Cubic Meters • CT - Carton • DA - Day • DI - Dispenser • DK - Kilometers • DL - Deciliter • DM - Decimeter • DR - Drum • DS - Display • DZ - Dozen • EA - Each • FO - Fluid Ounce • FT - Foot • GA - Gallon • GL - Gram/liter • GR - Gram • GS - Gross • H4 - Hectoliter • HF - Hundred Feet • HR - Hours • IN - Inch • K6 - Kiloliters • KG - Kilogram • KT - Kit • LB - Pounds • LF - Linear Foot • L0 - Lot (unit of procurement) • LT - Liter • LY - Linear Yard • MC - Microgram • ME - Milligram • ML - Milliliter • MM - Millimeter • M0 - Months • MR - Meter • OZ - Ounces • PC - Piece • PF - Pallet • PK - Package • PR - Pair • PT - Pint • QT - Quart • RL - Roll • SC - Square Centimeter • SF - Square Foot • SH - Sheet • SI - Square Inch • SM - Square Meter • ST - Set • SY - Square Yard • T3 - Thousand Pieces • TB - Tube • TH - Thousand • TY - Tray • U2 - Tablet • UM - Million • UN - Unit • V2 - Pouch • VI - Vial • WK - Week • YD - Yard • YR - Years 	SF

Input Element	Occurs	Length	Description	Example
W13	0...50	-	Total shipment information (Warehouse).	-
W1301	0...1	1/15	Quantity of units reporting exceptions.	20

Input Element	Occurs	Length	Description	Example
W1302	0...1	2/2	Unit of measure for exception quantity. .Valid values <ul style="list-style-type: none"> • 02 - Statute Mile • 4G - Microliter • AM - Ampoule • AV - Capsule • BD - Bundle • BG - Bag • B0 - Bottle • BX - Box • C3 - Centiliter • CA - Case • CC - Cubic Centimeter • CF - Cubic Feet • CG - Card, Blister • CI - Cubic Inches • CL - Cylinder • CM - Centimeter • CN - Can • CP - Crate • CQ - Cartridge • CR - Cubic Meters • CT - Carton • DA - Day • DI - Dispenser • DK - Kilometers • DL - Deciliter • DM - Decimeter • DR - Drum • DS - Display • DZ - Dozen • EA - Each • FO - Fluid Ounce • FT - Foot • GA - Gallon • GL - Gram/liter • GR - Gram • GS - Gross • H4 - Hectoliter • HF - Hundred Feet • HR - Hours • IN - Inch • K6 - Kiloliters • KG - Kilogram • KT - Kit • LB - Pounds • LF - Linear Foot • L0 - Lot (unit of procurement) • LT - Liter • LY - Linear Yard • MC - Microgram • ME - Milligram • ML - Milliliter • MM - Millimeter • M0 - Months • MR - Meter • OZ - Ounces • PC - Piece • PF - Pallet • PK - Package • PR - Pair • PT - Pint • QT - Quart • RL - Roll • SC - Square Centimeter • SF - Square Foot • SH - Sheet • SI - Square Inch • SM - Square Meter • ST - Set • SY - Square Yard • T3 - Thousand Pieces • TB - Tube • TH - Thousand • TY - Tray • U2 - Tablet • UM - Million • UN - Unit • V2 - Pouch • VI - Vial • WK - Week • YD - Yard • YR - Years 	EA

Input Element	Occurs	Length	Description	Example
W1303	0...1	2/2	Receiving condition code. Valid values: <ul style="list-style-type: none"> • 01 - Damaged product or container. • 02 - Quantity short of required quantity. • 03 - Quantity over required quantity. • 04 - Problem with quality of product. • 05 - Incorrect product received. • 06 - Non-standard container. • 07 - Product in good condition. • 08 - Product is rejected. • 09 - Product on hold. • 10 - Material scrapped. • 11 - Adjust supplier shipped cumulative quantity. • 12 - Quantity over and returned to supplier. • 13 - Quantity received but cannot process because no matching ship notice. • 14 - Quantity received and processed with no matching ship notice or manifest. • 16 - Not received. Ship notice required. 	01
W1304	0...1	1/12	Warehouse lot number	A54213
W1305	0...1	2/2	Damage reason code. Valid values: <ul style="list-style-type: none"> • BD - Bulkhead doors not secured. • CC - Case crushing, exterior or secondary packaging . • CD - Case design error. • DL - Damaged in loading. • DP - Defective pallets of slip sheets. • FL - Flaps loose. • HD - Hidden damage, suspected or actual. • ID - Improper doorway protection. • IL - Improper loading. • IU - Improper unloading. • LD - Lack of cardboard dividers or dunnage. • LS - Load shift in transit. • NO - Nails or other hardware. • NR - Damage reason not reported. • PP - Pallet pattern issue. • PS - Punctured bailers or cases. • SF - Side fillers not extended. • TE - Temperature exposure. • UE - Unsuitable equipment. • VI - Vehicle impact damage. • WC - Wet or stained shipping containers or secondary packaging. 	CD
W14	1...1	-	Required. Total receipt information.	-
W1401	0...0	1/15	Total quantity received.	124
W1402	0...0	1/15	Total quantity received.	N
W1403	0...0	1/15	Total quantity received.	N
W1404	0...0	1/15	Total quantity received.	N
SE	1...1	-	Required. ST ... SE transaction set trailer envelope. Child of GS group. Only one ST transaction expected.	-
SE01	1...1	1/10	Required. Total count of segments in ST ... SE transaction set including ST and SE segments.	10
SE02	1...1	4/9	Required. Transaction set control number.	0001
GE	1...1	-	Required. GS ... GE functional group trailer envelope. Child of ISA interchange. Only one GS group expected.	-
GE01	1...1	1/6	Required. Number of transaction sets in functional group.	5
GE02	1...1	1/9	Required. Functional group control number.	619827
IEA	1...1	-	Required. ISA ... IEA interchange control trailer envelope. Only one interchange expected per transmission.	-
IEA01	1...1	1/5	Required. Number of functional groups in interchange.	1
IEA02	1...1	9/9	Required. Interchange control number.	000000000619827

Example

```

ISA*00*                *00*                *16*1234567                *11*78965412
*120709*1612*^*00501*000012345*0*P* :
GS*RE*222224043588*TRACELINK*20230120*142012*619827*X*005010
ST*944*4340002
W17*F*20211217*180175812*1801758123*1801758123456789
N1*ST*ShipTo*1*198939427

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N3*STAddr1*STAddr2
N4*STCity*ST*STZip*ST*SG*30char3546987
N1*BY*Sold To*21*1592
N3*BYAddr1*BYAddr2
N4*BYCity*BY*BY-452*BY
N1*SU*Supplier*UL*Sup
N3*SUAddr1*SUAddr2
N4*SUCity*SU*Zip4-11SU*SY
N1*Sf*ShipFrom*9*SG198939427
N3*SfAddr1*SfAddr2
N4*SfCity*Sf*Zip-SF155*SG
N1*CA*Carrier party*11*CA15911
N3*CAAddr1*CAAddr2
N4*CACity*CA*Zip-CA55*CA
N9*PO*PO-23434*Test*20231101*12345688
G62*BS*20231130
NTE*AAA*K018293-00010
W08*SR*FEDX
LX*000001
W07*38.34*EA*111111111111*VN*222222222222*N4*333333333333*WLN7078*9*BP*7011
N9*PO*K018293-00010**20231210*1110
W20*20*10*EA*20*G*0**125*CC
W13*100*CA*01*A254678*CD
W14*514801*02*03*404
SE*21*4340002
GE*1*619827
IEA*1*000619827



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