

KeHE Distributors 753 Request for Routing Instructions

X12/V5010/753: 753 Request for Routing Instructions

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753 Request for Routing Instructions

Functional Group=RF

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Request for Routing Instructions Transaction Set (753) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to request routing instructions and provide general information about merchandise that is ready to be shipped.

General Usage:

The 753 Request for Routing is sent for the KeHE Ready to Ship (RTS) process / in response to FOB Purchase Orders (where KeHE manages the transportation). This document is required in addition to the standard 855 Purchase Order Acknowledgement. The 753 must be sent for applicable POs at least four business days prior to the Purchase Order Ready Date, allowing for three full business days for processing appointments.

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0100	ST	Transaction Set Header	M	1			Must use
0200	BGN	Beginning Segment	M	1			Must use
0300	PER	Administrative Communications Contact	O	1			Used
<u>LOOP ID - 0100</u>					<u>1</u>	<u>N1/0400L</u>	
0400	N1	Party Identification	M	1		N1/0400	Must use
0600	N3	Party Location	M	1			Must use
0700	N4	Geographic Location	M	1			Must use

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0100	LX	Transaction Set Line Number	M	1			Must use
<u>LOOP ID - 0200</u>					<u>9999</u>	<u>N2/0200L</u>	
0200	N1	Party Identification	M	1		N2/0200	Must use
0400	N3	Party Location	M	1			Must use
0500	N4	Geographic Location	M	1			Must use
0700	G62	Date/Time	M	1			Must use
<u>LOOP ID - 0210</u>					<u>>1</u>	<u>N2/0900L</u>	
0900	OID	Order Information Detail	M	1		N2/0900	Must use
1100	SE	Transaction Set Trailer	M	1			Must use

Notes:

- 1/0400L One iteration of the N1 segment must be used to identify the ship-from location.
- 1/0400 One iteration of the N1 segment must be used to identify the ship-from location.
- 2/0200L One iteration of the N1 segment must be used to identify the ship-to location.
- 2/0200 One iteration of the N1 segment must be used to identify the ship-to location.
- 2/0900L The 0210 loop is used to specify the quantities ready to ship for each purchase order.
- 2/0900 The 0210 loop is used to specify the quantities ready to ship for each purchase order.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use

Description: Code uniquely identifying a Transaction Set

CodeList Summary (Total Codes: 318, Included: 1)

Code Name

753 Request for Routing Instructions

ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
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Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BGN Beginning Segment

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use

Purpose: To indicate the beginning of a transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BGN01	353	Transaction Set Purpose Code	M	ID	2/2	Must use

Description: Code identifying purpose of transaction set

User Note 1: Any changes or updates to the initial Request for Routing must be communicated outside of EDI.

CodeList Summary (Total Codes: 66, Included: 1)

Code Name

00 Original

BGN02	127	Reference Identification	M	AN	1/50	Must use
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

User Note 1: Document ID

BGN03	373	Date	M	DT	8/8	Must use
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Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

User Note 1: Document Date

BGN04	337	Time	O	TM	4/8	Used
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Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

User Note 1: Document Time

Syntax Rules:

1. C0504 - If BGN05 is present, then BGN04 is required.

Semantics:

1. BGN02 is the transaction set reference number.
2. BGN03 is the transaction set date.
3. BGN04 is the transaction set time.
4. BGN05 is the transaction set time qualifier.
5. BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.

PER Administrative Communications Contact

Pos: 0300	Max: 1
Heading - Optional	
Loop: N/A	Elements: 6

User Option (Usage): Used

Purpose: To identify a person or office to whom administrative communications should be directed

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PER01	366	Contact Function Code	M	ID	2/2	Must use
		Description: Code identifying the major duty or responsibility of the person or group named				
		CodeList Summary (Total Codes: 238, Included: 1)				
		Code		Name		
		IC		Information Contact		
PER02	93	Name	O	AN	1/60	Used
		Description: Free-form name				
PER03	365	Communication Number Qualifier	X	ID	2/2	Used
		Description: Code identifying the type of communication number				
		CodeList Summary (Total Codes: 42, Included: 1)				
		Code		Name		
		TE		Telephone		
PER04	364	Communication Number	X	AN	1/256	Used
		Description: Complete communications number including country or area code when applicable				
PER05	365	Communication Number Qualifier	X	ID	2/2	Used
		Description: Code identifying the type of communication number				
		CodeList Summary (Total Codes: 42, Included: 1)				
		Code		Name		
		EM		Electronic Mail		
PER06	364	Communication Number	X	AN	1/256	Used
		Description: Complete communications number including country or area code when applicable				

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

Loop Party Identification

Pos: 0400 Repeat: 1
 Mandatory
 Loop: 0100 Elements: N/A

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0400	N1	Party Identification	M	1		Must use
0600	N3	Party Location	M	1		Must use
0700	N4	Geographic Location	M	1		Must use

N1 Party Identification

Pos: 0400	Max: 1
Heading - Mandatory	
Loop: 0100	Elements: 4

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use

Description: Code identifying an organizational entity, a physical location, property or an individual

CodeList Summary (Total Codes: 1500, Included: 1)

Code Name

SF Ship From

User Note 1:

Ship From / Pickup Location

N102	93	Name	M	AN	1/60	Must use
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Description: Free-form name

N103	66	Identification Code Qualifier	X	ID	1/2	Used
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Description: Code designating the system/method of code structure used for Identification Code (67)

CodeList Summary (Total Codes: 241, Included: 2)

Code Name

9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix

92 Assigned by Buyer or Buyer's Agent

N104	67	Identification Code	X	AN	2/80	Used
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Description: Code identifying a party or other code

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

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.

N3 Party Location

Pos: 0600	Max: 1
Heading - Mandatory	
Loop: 0100	Elements: 2

User Option (Usage): Must use

Purpose: To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

Pos: 0700	Max: 1
Heading - Mandatory	
Loop: 0100	Elements: 4

User Option (Usage): Must use

Purpose: To specify the geographic place of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name	M	AN	2/30	Must use
		Description: Free-form text for city name				
N402	156	State or Province Code	M	ID	2/2	Must use
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	Postal Code	M	ID	3/15	Must use
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	Country Code	O	ID	2/3	Used
		Description: Code identifying the country				

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

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.

LX Transaction Set Line Number

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: N/A	Elements: 1

User Option (Usage): Must use

Purpose: To reference a line number in a transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LX01	554	Assigned Number	M	N0	1/6	Must use

Description: Number assigned for differentiation within a transaction set

Loop Party Identification

Pos: 0200 Repeat: 9999
 Mandatory
 Loop: 0200 Elements: N/A

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0200	N1	Party Identification	M	1		Must use
0400	N3	Party Location	M	1		Must use
0500	N4	Geographic Location	M	1		Must use
0700	G62	Date/Time	M	1		Must use
0900		Loop 0210	M		>1	Must use

N1 Party Identification

Pos: 0200	Max: 1
Detail - Mandatory	
Loop: 0200	Elements: 4

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use
<p>Description: Code identifying an organizational entity, a physical location, property or an individual</p> <p>CodeList Summary (Total Codes: 1500, Included: 1)</p> <p>Code Name</p> <p>ST Ship To</p>						
N102	93	Name	M	AN	1/60	Must use
<p>Description: Free-form name</p>						
N103	66	Identification Code Qualifier	C	ID	1/2	Used
<p>Description: Code designating the system/method of code structure used for Identification Code (67)</p> <p>User Note 1: <i>Required if present on the PO or PO Change.</i></p> <p><i>Mandatory for Bulk/Stand Alone POs when N101=ST</i></p> <p>CodeList Summary (Total Codes: 241, Included: 2)</p> <p>Code Name</p> <p>9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix</p> <p>92 Assigned by Buyer or Buyer's Agent</p>						
N104	67	Identification Code	C	AN	2/80	Used
<p>Description: Code identifying a party or other code</p> <p>User Note 1: <i>Required if present on the PO or PO Change.</i></p> <p><i>Mandatory for Bulk/Stand Alone POs when N101=ST</i></p> <p><i>When N101=ST, min/max = 13/13</i></p>						

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

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.

N3 Party Location

Pos: 0400 Max: 1
 Detail - Mandatory
 Loop: 0200 Elements: 2

User Option (Usage): Must use

Purpose: To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

Pos: 0500	Max: 1
Detail - Mandatory	
Loop: 0200	Elements: 4

User Option (Usage): Must use

Purpose: To specify the geographic place of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name	M	AN	2/30	Must use
		Description: Free-form text for city name				
N402	156	State or Province Code	M	ID	2/2	Must use
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	Postal Code	M	ID	3/15	Must use
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	Country Code	O	ID	2/3	Used
		Description: Code identifying the country				

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

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.

G62 Date/Time

Pos: 0700	Max: 1
Detail - Mandatory	
Loop: 0200	Elements: 2

User Option (Usage): Must use

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G6201	432	Date Qualifier	M	ID	2/2	Must use

Description: Code specifying type of date

CodeList Summary (Total Codes: 139, Included: 1)

Code Name

RS Ready to Ship

G6202	373	Date	M	DT	8/8	Must use
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Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Syntax Rules:

1. R0103 - At least one of G6201 or G6203 is required.
2. P0102 - If either G6201 or G6202 is present, then the other is required.
3. P0304 - If either G6203 or G6204 is present, then the other is required.

Loop Order Information Detail

Pos: 0900 Repeat: >1
 Mandatory
 Loop: 0210 Elements: N/A

User Option (Usage): Must use

Purpose: To specify order information detail

User Note 1:

A repetition should be included for each order routing from the ship-from address to the same ship-to address

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0900	OID	Order Information Detail	M	1		Must use

OID Order Information Detail

Pos: 0900	Max: 1
Detail - Mandatory	
Loop: 0210	Elements: 9

User Option (Usage): Must use

Purpose: To specify order information detail

User Note 1:

Quantity, weight, and volume details must be sent on the Request for Routing, confirming these details for transportation coordination.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>						
OID01	127	Reference Identification	M	AN	1/50	Must use						
<p>Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p> <p>User Note 1: <i>Mandatory - Used for KeHE Distributors assigned supplier ID (KeHE ESN)</i></p>												
OID02	324	Purchase Order Number	M	AN	1/22	Must use						
<p>Description: Identifying number for Purchase Order assigned by the orderer/purchaser</p>												
OID03	127	Reference Identification	O	AN	1/50	Used						
<p>Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p> <p>User Note 1: <i>Optional - Used for KeHE Distributors DC supplier ID</i></p>												
OID04	211	Packaging Form Code	M	ID	3/3	Must use						
<p>Description: Code for packaging form of the lading quantity</p> <p>CodeList Summary (Total Codes: 135, Included: 2)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CAS</td> <td>Case</td> </tr> <tr> <td>PLT</td> <td>Pallet</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	CAS	Case	PLT	Pallet
<u>Code</u>	<u>Name</u>											
CAS	Case											
PLT	Pallet											
OID05	380	Quantity	M	R	1/15	Must use						
<p>Description: Numeric value of quantity</p>												
OID06	188	Weight Unit Code	M	ID	1/1	Must use						
<p>Description: Code specifying the weight unit</p> <p>CodeList Summary (Total Codes: 8, Included: 2)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>K</td> <td>Kilograms</td> </tr> <tr> <td>L</td> <td>Pounds</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	K	Kilograms	L	Pounds
<u>Code</u>	<u>Name</u>											
K	Kilograms											
L	Pounds											
OID07	81	Weight	M	R	1/10	Must use						
<p>Description: Numeric value of weight</p>												
OID08	184	Volume Unit Qualifier	M	ID	1/1	Must use						
<p>Description: Code identifying the volume unit</p>												

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CodeList Summary (Total Codes: 16, Included: 2)						
Code Name						
E Cubic Feet						
X Cubic Meters						
OID09	183	Volume	M	R	1/8	Must use
Description: Value of volumetric measure						

Syntax Rules:

1. R0102 - At least one of OID01 or OID02 is required.
2. C0302 - If OID03 is present, then OID02 is required.
3. P0405 - If either OID04 or OID05 is present, then the other is required.
4. P0607 - If either OID06 or OID07 is present, then the other is required.
5. P0809 - If either OID08 or OID09 is present, then the other is required.

Semantics:

1. OID01 is the seller's order identification number.
2. OID03 is the number assigned by the consignee to further define the purchase order number.
3. OID11 specifies the sorting and/or segregating number for each receiving location (processing area).

SE Transaction Set Trailer

Pos: 1100	Max: 1
Detail - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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)

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	Number of Included Segments	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

1. SE is the last segment of each transaction set.