

753 Request for Routing Instructions

Functional Group ID=**RF**

Introduction:

This Draft Standard for Trial Use 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.

Notes:

This document identifies the AAFES business requirements for the Request for Routing Instructions. Segments not required by standards, but required by AAFES, are marked "RECOMMENDED". All elements marked with "R" are required by AAFES and must always be received by AAFES. All elements marked "M" are mandatory by the standards. All unmarked elements may be transmitted as necessary in their respective segments.

Heading:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
3	0100	ST	Transaction Set Header	M	1		
4	0200	BGN	Beginning Segment	M	1		
5	0300	PER	Administrative Communications Contact	O	1		
LOOP ID - 0100						1	
6	0400	N1	Name	M	1		n1
Not Used	0500	N2	Additional Name Information	O	1		
7	0600	N3	Address Information	O	2		
8	0700	N4	Geographic Location	O	1		

Detail:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
9	0100	LX	Assigned Number	M	1		
LOOP ID - 0200						9999	
10	0200	N1	Name	M	1		n2
Not Used	0300	N2	Additional Name Information	O	1		
Not Used	0400	N3	Address Information	O	2		
Not Used	0500	N4	Geographic Location	O	1		
11	0600	L11	Business Instructions and Reference Number	O	5		
12	0700	G62	Date/Time	O	2		
Not Used	0800	USI	Unitized Shipment Information	O	1		
LOOP ID - 0210						>1	
13	0900	OID	Order Identification Detail	M	1		n3
14	1000	CMC	Commodity Classification	O	1		
15	1100	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. One iteration of the N1 segment must be used to identify the ship-from location.

Army and Air Force Exchange Service

2. One iteration of the N1 segment must be used to identify the ship-to location.
3. The 0210 loop is used to specify the quantities ready to ship for each purchase order.

Segment: **ST** **Transaction Set Header**
Position: 0100
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes:

- 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.

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set	M 1 ID 3/3
			753 Request for Routing Instructions	
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M 1 AN 4/9

Segment: **BGN** Beginning Segment
Position: 0200
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a transaction set
Syntax Notes: 1 If BGN05 is present, then BGN04 is required.
Semantic Notes: 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.

Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
M	BGN01	353 Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original 01 Cancellation 02 Add	M 1 ID 2/2
<i>This code will update shipment sent on previous 753 by overwriting the data with the data contained in the update, but using the same shipment.</i>			
M	BGN02	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>Unique control number assigned by the sender.</i>	M 1 AN 1/50
M	BGN03	373 Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year <i>Date Transaction Set was generated.</i>	M 1 DT 8/8
	BGN04	337 Time 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) <i>Time Transaction Set was generated.</i>	X 1 TM 4/8

Segment: **PER** Administrative Communications Contact
Position: 0300
Loop:
Level: Heading
Usage: Optional (Recommended)
Max Use: 1
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes: 1 If either PER03 or PER04 is present, then the other is required.
 2 If either PER05 or PER06 is present, then the other is required.
 3 If either PER07 or PER08 is present, then the other is required.
Semantic Notes:
Comments:
Notes: *This segment is sent when information is available.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named IC Information Contact	M 1 ID 2/2
R	PER02	93	Name Free-form name	O 1 AN 1/60
R	PER03	365	Communication Number Qualifier Code identifying the type of communication number TE Telephone	X 1 ID 2/2
R	PER04	364	Communication Number Complete communications number including country or area code when applicable	X 1 AN 1/256
R	PER05	365	Communication Number Qualifier Code identifying the type of communication number EM Electronic Mail	X 1 ID 2/2
R	PER06	364	Communication Number Complete communications number including country or area code when applicable	X 1 AN 1/256
R	PER07	365	Communication Number Qualifier Code identifying the type of communication number FX Facsimile	X 1 ID 2/2
R	PER08	364	Communication Number Complete communications number including country or area code when applicable	X 1 AN 1/256

Segment: **N1** Name
Position: 0400
Loop: 0100 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:
 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
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.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual SF Ship From	M 1 ID 2/3
R	N102	93	Name Free-form name	X 1 AN 1/60
R	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	X 1 ID 1/2
R	N104	67	Identification Code Code identifying a party or other code	X 1 AN 2/80

Segment: **N3** **Address Information**
Position: 0600
Loop: 0100 Mandatory
Level: Heading
Usage: Optional (Recommended)
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N301	166	Address Information Address information	M 1 AN 1/55
	N302	166	Address Information Address information	O 1 AN 1/55

Segment: **N4 Geographic Location**
Position: 0700
Loop: 0100 Mandatory
Level: Heading
Usage: Optional (Recommended)
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes:

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

Semantic Notes:

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.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
R	N401	19	City Name Free-form text for city name	O 1 AN 2/30
R	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	X 1 ID 2/2
R	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O 1 ID 3/15
	N404	26	Country Code Code identifying the country	X 1 ID 2/3
<i>Only send if country is not U.S.A.</i>				

Segment: **LX** Assigned Number
Position: 0100
Loop:
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To reference a line number in a transaction set
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	LX01	554	Assigned Number Number assigned for differentiation within a transaction set	M 1 N0 1/6

Segment: **N1** Name
Position: 0200
Loop: 0200 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:
 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
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.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual ST Ship To	M 1 ID 2/3
	N102	93	Name Free-form name	O 1 AN 1/60
R	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 92 Assigned by Buyer or Buyer's Agent	X 1 ID 1/2
R	N104	67	Identification Code Code identifying a party or other code	O 1 AN 2/80

Segment: **L11** Business Instructions and Reference Number
Position: 0600
Loop: 0200 Mandatory
Level: Detail
Usage: Optional (Recommended)
Max Use: 5
Purpose: To specify instructions in this business relationship or a reference number
Syntax Notes: 1 At least one of L1101 or L1103 is required.
 2 If either L1101 or L1102 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
R	L1101	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>RRC number must be 21 digits or less</i>	X 1 AN 1/50
R	L1102	128	Reference Identification Qualifier Code qualifying the Reference Identification RRC Routing Request Control Number	X 1 ID 2/3

Segment: **G62** Date/Time
Position: 0700
Loop: 0200 Mandatory
Level: Detail
Usage: Optional (Recommended)
Max Use: 2
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of G6201 or G6203 is required.
 2 If either G6201 or G6202 is present, then the other is required.
 3 If either G6203 or G6204 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
R	G6201	432	Date Qualifier Code specifying type of date RS Ready to Ship	X 1 ID 2/2
R	G6202	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X 1 DT 8/8
R	G6203	176	Time Qualifier Code specifying the reported time RS Ready to Ship	X 1 ID 1/2
R	G6204	337	Time 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)	X 1 TM 4/8

Segment: **OID** Order Identification Detail
Position: 0900
Loop: 0210 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify order identification detail
Syntax Notes:

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

Semantic Notes:

- 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).

Comments:

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
OID01	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X 1 AN 1/50
R	OID02	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser <i>AAFES Purchase Order Number.</i>	X 1 AN 1/22
	OID03	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	O 1 AN 1/50
R	OID04	Packaging Form Code Code for packaging form of the lading quantity CTN Carton PCS Pieces <i>This code is required by AAFES.</i>	X 1 ID 3/3
R	OID05	Quantity Numeric value of quantity	X 1 R 1/15
R	OID06	Weight Unit Code Code specifying the weight unit L Pounds	X 1 ID 1/1
R	OID07	Weight Numeric value of weight	X 1 R 1/10
R	OID08	Volume Unit Qualifier Code identifying the volume unit E Cubic Feet	X 1 ID 1/1
R	OID09	Volume Value of volumetric measure	X 1 R 1/8

Segment: **CMC** **Commodity Classification**
Position: 1000
Loop: 0210 Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify freight commodity code and freight classification
Syntax Notes:
Semantic Notes: 1 CMC01 is the National Motor Freight Classification Commodity Code.
2 CMC02 is the Freight Class Code published in the National Motor Freight Classification.
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
CMC01	<u>Element</u> 22	<u>Commodity Code</u> Code describing a commodity or group of commodities	O 1 AN 1/30

Segment: **SE** Transaction Set Trailer

Position: 1100

Loop:

Level: Detail

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)

Syntax Notes:

Semantic Notes:

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

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M 1 N0 1/10
M	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M 1 AN 4/9