753 Request for Routing Instructions

**Functional Group ID=RF**

**Introduction:**

This 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 NEXCOM business requirements for the 753 Request for Routing Instructions. Segments not required by standards, but required by NEXCOM, are marked “MANDATORY”. All segments marked “OPTIONAL” may be transmitted as necessary in their respective segments.**

# Segment: ISA - INTERCHANGE CONTROL HEADER Level: ENVELOPE

Loop: Max Use: 1 Usage: MANDATORY

PURPOSE: To start and identify an interchange of one or more functional groups.

|  |  |  |
| --- | --- | --- |
|  | Data Element Name | NEXCOM Codes/Values |
| ISA01 | Authorization Information Qualifier | “00” |
| ISA02 | Authorization Information | Ten blank position |
| ISA03 | Security Information Qualifier | “00” |
| ISA04 | Security Information | Ten blank position |
| ISA05 | Interchange ID Qualifier | Sender's ID qualifier (01, ZZ, 08 etc.) |
| ISA06 | Interchange Sender ID | Sender’s ID |
| ISA07 | Interchange ID Qualifier | "08"  |
| ISA08 | Interchange Receiver ID | "9252671859"  |
| ISA09 | Interchange Date | YYMMDD |
| ISA10 | Interchange Time | HHMM |
| ISA11 | Interchange Control Standards Identifier | “U”  |
| ISA12 | Interchange Control Version Number | “00403” |
| ISA13 | Interchange Control Number | Sequential Number |
| ISA14 | Acknowledgment Requested | “0” |
| ISA15 | Test Indication | “P” for Production“T” for Test |
| ISA16 | Sub element Separator | “>” |

|  |
| --- |
| --------------------------------------------------------------------------------------------------------------------- |

# Segment: GS - FUNCTIONAL GROUP HEADER Level: GROUP

## Loop: Max Use: 1 Usage: MANDATORY

PURPOSE: To start and identify a functional group of related transaction sets and provide control and application identification information.

|  |  |  |
| --- | --- | --- |
|  | Data Element Name | NEXCOM Codes/Values |
| GS01 | Functional Identifier Code | "RF" – Request for Routing Instructions |
| GS02 | Application Sender's Code | Same as ISA06 |
| GS03 | Application Receiver’s Code | Same as ISA08 |
| GS04 | Date | CCYYMMDD |
| GS05 | Time | HHMM |
| GS06 | Group Control Number | Sequential Number |
| GS07 | Responsible Agency Code | "X" - X12 |
| GS08 | Version/Release/Industry Identifier Code | "004030VICS" or higher |

|  |
| --- |
| --------------------------------------------------------------------------------------------------------------------- |

# Segment: ST - TRANSACTION SET HEADER Level: HEADER

## Loop: Max Use: 1 Usage: MANDATORY

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

|  |  |  |
| --- | --- | --- |
|  | Data Element Name | NEXCOM Codes/Values |
| ST01 | Transaction Set Identifier Code | "753" |
| ST02 | Transaction Set Control Number | Sequential Number |

|  |
| --- |
| --------------------------------------------------------------------------------------------------------------------- |

**Segment: BGN – BEGINNING SEGMENT Level: HEADER**

## Loop: Max Use: 1 Usage: MANDATORY

PURPOSE: To indicate the beginning of a transaction set.

|  |  |  |
| --- | --- | --- |
|  | Data Element Name | NEXCOM Codes/Values |
| BGN01 | Transaction Set Purpose Code | 00 Original  |
| BGN02 | Reference Identification | Unique control number assigned by sender |
| BGN03 | Date | CCMMDD Date transaction set was generated |

BGN04 Time HHMMSS Time Transaction set

 was generated

---------------------------------------------------------------------------------------------------------------------

# Segment: PER – ADMINISTRATIVE COMMUNICATIONS CONTACT Level: HEADER

## Loop: Max Use: 1 Usage: MANDATORY

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

|  |  |  |
| --- | --- | --- |
|  | Data Element Name | NEXCOM Codes/Values |
| PER01 | Reference Number Qualifier | IC Information Contact |
| PER02 | Name | Free Form Name |
| PER03 | Communication Number Qualifier | ID 2/2 “TE” Telephone, “EM” Email |
| PER04 | Communication Number | AN 1/50 |
| PER05 | Communication Number Qualifier | ID 2/2 “TE” Telephone, “EM” Email |
| PER06 | Communication Number | AN 1/50  |
|  |  |  |
| --------------------------------------------------------------------------------------------------------------------- |

# Segment: N1 – NAME Level: HEADER

## Loop: N1Loop Max Use: 1 Usage: MANDATORY

PURPOSE: To identify the ship from information.

|  |  |  |
| --- | --- | --- |
|  | Data Element Name | NEXCOM Codes/Values |
| N101 | Entity Identifier Code | "SF" – Ship From |
| N102 | Name | Free Form Name |
| N103 | Identification Code Qualifier | “92” Assigned by Buyer |
| N104 | Identification Code | 5-digit Ship From Location code assigned by NEXCOM TMS |
| --------------------------------------------------------------------------------------------------------------------- |

# Segment: LX TRANSACTION SET LINE NUMBER Level: DETAIL

## Loop: N1Loop Max Use: 1 Usage: MANDATORY

PURPOSE: To reference a line number in a transaction set

|  |  |  |
| --- | --- | --- |
| LX01 | Assigned Number |   |
|  | This is a sequential number starting with one, and incremented by one, for every occurrence of the LX segment. |  |
|  |
| --------------------------------------------------------------------------------------------------------------------- |

# Segment: N1 – NAME Level: DETAIL

## Loop: N1Loop Max Use: 1 Usage: MANDATORY

PURPOSE: To identify the ship to information.

|  |  |  |
| --- | --- | --- |
|  | Data Element Name | NEXCOM Codes/Values |
| N101 | Entity Identifier Code | "ST" - Ship To |
| N102 | Name | Ship to Name |
| N103 | Identification Code Qualifier | ''92" Assigned by Buyer |
| N104 | Identification Code | NEXCOM warehouse / store location code – this is the location code found in N104 of N1\*ST segment of the EDI 850 |
|  |  |  |
| --------------------------------------------------------------------------------------------------------------------- |

**Segment: L11 – BUSINESS INSTRUCTIONS AND REFERENCE NUMBER**

 **Level: DETAIL**

## Loop: N1Loop Max Use: 5 Usage: MANDATORY

PURPOSE: To specify instructions in this business relationship or a reference number.

|  |  |  |
| --- | --- | --- |
|  | Data Element Name | NEXCOM Codes/Values |
| L1101 | Reference Identification | AN 1/50 |
| L1102 | Reference Identification Qualifier | RRC Routing Request Control # |
|  |  |  |

---------------------------------------------------------------------------------------------------------------------

**Segment: G62 – DATE / TIME Level: DETAIL**

## Loop: N1Loop Max Use: 2 Usage: MANDATORY

PURPOSE: To specify pertinent dates and times

|  |  |  |
| --- | --- | --- |
|  | Data Element Name | NEXCOM Codes/Values |
| G6201 | Date Qualifier | "RS” – Ready to Ship  |
| G6202G6203  | DateTime Qualifier | DT 8/8 CCYYMMDD"RS” – Ready to Ship  |
| G6204 Time HHMM or HHMMSS |
| **G6202 – Date must be within the shipping window provided in EDI 850 purchase order.**--------------------------------------------------------------------------------------------------------------------- |

**Segment: USI – UNITIZED SHIPMENT INFORMATION Level: DETAIL**

## Loop: N1Loop Max Use: 1 Usage: OPTIONAL /

## MANDATORY

PURPOSE: To specify the quantity, number of pallet spaces and stack-ability of unitized units

OPTIONAL: The USI is optional for a routing of a PO with less than 599 cubic feet.

MANDATORY: The number of pallets is mandatory when merchandise is palletized.

The number of pallet spaces is mandatory for a routing of a PO with 599 cubic feet or greater.

(includes floor loaded merchandise)

|  |  |  |
| --- | --- | --- |
|  | Data Element Name | NEXCOM Codes/Values |
| USI01 | Quantity | Number of Pallets |
| USI02USI03  | Packaging Form CodeYes/No Condition or Response Code | ID 3/3 “PLT”“Y”/”N” |
| --------------------------------------------------------------------------------------------------------------------- |

**Segment: OID – ORDER INFORMATION DETAIL LEVEL: DETAIL**

## Loop: OID Loop Max Use: 1 Usage: MANDATORY

PURPOSE: To specify order information detail

|  |  |  |
| --- | --- | --- |
|  | Data Element Name | NEXCOM Codes/Values |
| OID01 | Reference Identification | AN 1/50 Vendor’s order number - optional |
| OID02 | Purchase Order Number | NEXCOM purchase order number |
| OID03 | Reference Identification | NEXCOM department number - optional |
| OID04 | Packaging Form Code | “CTN” Carton |
| OID05 | Quantity | Numeric value of quantity |
| OID06 | Weight Unit Code | “L” Pounds |
| OID07 | Weight | Numeric value of weight |
| OID08 | Volume Unit Qualifier | “E” Cubic Feet |
| OID09 | Volume | Value of volumetric measure |
|  |  |  |
| --------------------------------------------------------------------------------------------------------------------- |

**Segment: SE - TRANSACTION SET TRAILER Level: SUMMARY**

**Loop: Max Use: 1 Usage: MANDATORY**

PURPOSE: To indicate the end of the transaction set and provide the count of the transmitted segments.

|  |  |  |
| --- | --- | --- |
|  | Data Element Name | NEXCOM Codes/Values |
| SE01 | Number of Segments | Total segments. Include ST and SE segments |
| SE02 | Control Number | Sequential Number, same as ST02 |

|  |
| --- |
| --------------------------------------------------------------------------------------------------------------------- |

**Segment: GE - FUNCTIONAL GROUP TRAILER Level: SUMMARY**

**Loop: Max Use: 1 Usage: MANDATORY**

PURPOSE: To define the end of a functional group of related transaction sets.

|  |  |  |
| --- | --- | --- |
|  | Data Element Name | NEXCOM Codes/Values |
| GE01 | Number of Transaction Sets Included | Total Number of Transaction Sets |
| GE02 | Group Control Number | Sequential Number, same as GS06 |

|  |
| --- |
|  |
| --------------------------------------------------------------------------------------------------------------------- |

**Segment: IEA - INTERCHANGE CONTROL TRAILER Level: ENVELOPE**

**Loop: Max Use: 1 Usage: MANDATORY**

PURPOSE: To define the end of an interchange of one or more functional groups and related control.

|  |  |  |
| --- | --- | --- |
|  | Data Element Name | NEXCOM Codes/Values |
| IEA01 | Number of Included Functional Groups | Count of GS Segments in Transmission. |
| IEA02 | Interchange Control Number | Sequential Number, same as ISA 13 |