754 Routing Instructions

**Functional Group ID=RG**

**Introduction:**

This Standard for Trial Use contains the format and establishes the data contents of the Routing Instructions Transaction Set (754) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set is used to communicate routing instructions to a supplier for a specific shipment. It can be used to respond to a Request for Routing Instructions Transaction Set (753).

**Notes:**

**This document identifies the NEXCOM business requirements for the 754 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 | “08” |
| ISA06 | Interchange Sender ID | “9252671859” |
| ISA07 | Interchange ID Qualifier | Receiver’s ID |
| ISA08 | Interchange Receiver ID | Receiver’s ID qualifier (01, ZZ, 08, etc.) |
| 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 | "RG" – 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 | "004030" 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 | "754" |
| 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

BGN07 Transaction Type Code “RJ” Response to Request for Routing Instructions

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

# 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 | “EM” Email |
| PER04 | 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: L11 – BUSINESS INSTRUCTIONS AND REFERENCE NUMBER**

**Level: DETAIL**

## Loop: 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 # |
|  |  | PUA Call in Number AN19 |
| L1103 | Description | SI Shipment ID N7  L1 Letters or Notes AN50  Note: Transportation service level requirements  Data element when L1102 = RRC  (ie. FEDEX 2ND DAY AIR, FEDEX GROUND,  FEDEX PRIORITY OVRNT,FEDEX STANDARD OVRNT, FEDX EXPRS SVR (3DY), FEDX INT'L PRITY AIR, USPS PRIORITY MAIL) |
| --------------------------------------------------------------------------------------------------------------------- | | |

**Segment: BLR – TRANSPORTATION CARRIER IDENTIFICATION**

**Level: DETAIL**

## Loop: Max Use: 1 Usage: MANDATORY

PURPOSE: To transmit the identifying SCAC code.

|  |  |  |
| --- | --- | --- |
|  | Data Element Name | NEXCOM Codes/Values |
| BLR01 | Standard Carrier Alpha Code | AN 2/4 |
|  |  |  |

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

**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 |
| G6202 | Date | CCYYMMDD | |
| |  | | --- | | --------------------------------------------------------------------------------------------------------------------- |  Segment: N1 – NAME Level: DETAILLoop: 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 ship-to location | |  |  |  |   ---------------------------------------------------------------------------------------------------------------------   |  | | --- | |  |  Segment: N2 – ADDITION NAME INFO Level: DETAILLoop: N1 Max Use: 1 Usage:OPTIONAL PURPOSE: To specify additional names.   |  |  |  | | --- | --- | --- | |  | Data Element Name | NEXCOM Codes/Values | | N201 | Free Form Name |  | | N202 | Free Form Name |  | |  |  |  | |  |  |  | |  |  |  |   ---------------------------------------------------------------------------------------------------------------------  **Segment: N3 - ADDRESS INFORMATION Level: HEADER** Loop: N1 Max Use: 2 Usage: MANDATORY PURPOSE: To specify the location of the named party.   |  |  |  | | --- | --- | --- | |  | Data Element Name | NEXCOM Codes/Values | | N301 | Address Information | Planned Ship-To Street Address | | N302 | Address Information | Planned Ship-To Street Address |  |  | | --- | | --------------------------------------------------------------------------------------------------------------------- |   **Segment: N4 - GEOGRAPHIC LOCATION Level: HEADER** Loop: N1 Max Use: 1 Usage: MANDATORY PURPOSE: To specify the geographic place of the named party.   |  |  |  | | --- | --- | --- | |  | Data Element Name | NEXCOM Codes/Values | | N401 | City Name | Planned Ship-To City | | N402 | State or Province Code | Planned Ship-To State | | N403  N404 | Postal Code  Country Code | Planned Ship-To Zip Code  Country Code | | | | |

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

**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 |