EDH Billing
(ANSI 210/4030)
Version 1.4.6
Customer Manual

United Parcel Service
July 2008

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Final Summary of Changes to EDI Billing (210/4030)

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The linked pages will update your UPS EDI Billing (4030) Manual from Version 1.4.5 to Version 1.4.6. Please note that there were subsequent modifications to the Change Summary dated June 13, 2008 noted below in “bold highlights”. This is a complete revision, so replace all pages as indicated below.

What to Replace:

<table>
<thead>
<tr>
<th>SECTION</th>
<th>PAGES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Entire Billing Implementation Guide</td>
<td>All pages</td>
</tr>
</tbody>
</table>

Effective Date of Enhancement

- Test Data Available: June 02, 2008
- Implementation Effective: July 20, 2008

Technical Changes

- **New Contractual Service**
- **New Message Codes**

- Multi-Piece Pricing
- ‘al’ Returned Package part of a shipment; Package Change Prorated from Original Shipment Change. *(Freight Service) (Contractual Service)*
- ‘JA’ Additional Charges Applied Based upon UPS Audit. *(Overmax)*
Order of Transmission of Segments in the UPS Subset

- Add the following new N9 Segment to the Detail Section, at Loop #463 Position 3101:

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>300</td>
<td>CD3</td>
<td>CD3 - Carton (Package) Detail</td>
</tr>
<tr>
<td>3100</td>
<td>N9</td>
<td>Reference Identification</td>
</tr>
<tr>
<td>3101</td>
<td>N9</td>
<td>Reference Identification</td>
</tr>
</tbody>
</table>

Transaction Set 210

N9 Segment (in the Detail Section, Loop #0400 Position 1300)

- Add the following new Message Codes ‘al’ and ‘JA’ to the **UPS Comments** in N903 to reflect the following:

<table>
<thead>
<tr>
<th>Pos.</th>
<th>Field Description</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-24</td>
<td>Message Codes</td>
<td>Position 5 through 24 contains up to 10 exponent message codes. One message code will take up two bytes.</td>
</tr>
<tr>
<td>1-1</td>
<td>Message Code</td>
<td>al Returned Package part of a shipment; Package Change Prorated from Original Shipment Change. (Freight Service) (Contractual Service)*</td>
</tr>
<tr>
<td>2-2</td>
<td>Spacer (If applicable)</td>
<td>JA Additional Charges Applied Based upon UPS Audit. (Overmax)</td>
</tr>
</tbody>
</table>

- Add the following new Code ‘I’ and **UPS Comments** to N907.6 to reflect the following:

<table>
<thead>
<tr>
<th>Field Description</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reference Identifier</td>
<td>To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier</td>
</tr>
<tr>
<td>Reference Identification</td>
<td>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</td>
</tr>
</tbody>
</table>

  **>>UPS Comments:**
  Presence of a ZZ Qualifier and Indicator signify that the following loop will contain additional information:
  - C Indicates a non-prorated child of the shipment, no charges are contained.
  - I Indicates information explaining the charges contained in the previous L1
  - P Indicates a prorated child, and will contain charges
  - S Indicates the beginning of a Multi piece shipment
L0 Segment (in the Detail Section, Loop #0400 Position 1700)

- Add the following new Data Elements to L0 to reflect the following:

<table>
<thead>
<tr>
<th>Data Element</th>
<th>Attributes</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>L013 Quantity</td>
<td>X 1 R 1/15</td>
<td>Numeric value of quantity</td>
</tr>
<tr>
<td>L014 Packaging Form Code</td>
<td>O 1 ID 1/1</td>
<td>Code for packaging form of the lading quantity</td>
</tr>
<tr>
<td>L015 Yes/No Condition or Response Code</td>
<td>X 1 ID 1/1</td>
<td>Code indicating a Yes or No condition or response</td>
</tr>
</tbody>
</table>

  **UPS Comments:**
  - If L014 contains PKG then L013 contains the original Package Quantity Information. (Contractual Service)*
  - UPS uses PKG to denote the code for the Original Package Quantity Information. (Contractual Service)*
  - If L013 is populated, then L015 contain a “Y”.

L4 Segment (in the Detail Section, Loop #0400 Position 1900)

- Add the following new ANSI Code to L404 to reflect the following:

<table>
<thead>
<tr>
<th>Data Element</th>
<th>Attributes</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>L404 Measurement Unit Qualifier</td>
<td>M 1 ID 1/1</td>
<td>Code specifying the linear dimensional unit</td>
</tr>
</tbody>
</table>

  |  |  | Code |
  |  |  | C  | Centimeters |

N9 Segment (in the Detail Section, Loop #0463 Position 3101)

- Add the following new N9 Segment to reflect the following:

  Segment: N9 Reference Identification
  - Position: 3101
  - Loop: 0463 Optional
  - Level: Detail
  - Usage: Optional
  - Max Use: 20
  - Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

  **UPS Notes:** Contact your UPS Account Representative with any questions regarding a Contractual Service

  **Data Element Summary**

<table>
<thead>
<tr>
<th>Reference Designation</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>N901</td>
<td>128</td>
<td>Reference Identification Qualifier</td>
<td>M 1 ID 2/3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code qualifying the Reference Identification</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>FR</td>
<td>Freight Bill Number</td>
</tr>
</tbody>
</table>

  **UPS Comments:**
  - UPS uses FR to denote Freight Related Data Elements.
### N902 127 Reference Identification

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

**UPS Comments:**
If N901 is FR, then N902 contains the following in the position(s) indicated:

<table>
<thead>
<tr>
<th>Pos</th>
<th>Field Description</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-6</td>
<td>National Motor Freight</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Classification Number</td>
<td></td>
</tr>
<tr>
<td>7-8</td>
<td>National Motor Freight</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Classification Subordinate Number</td>
<td></td>
</tr>
</tbody>
</table>

### N903 369 Free-form Description

Free-form descriptive text

**UPS Comments:**
If N901 is FR, then N903 contains the following in the position(s) indicated:

<table>
<thead>
<tr>
<th>Pos</th>
<th>Field Description</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-1</td>
<td>FRT Detail Level Code</td>
<td>S</td>
</tr>
<tr>
<td></td>
<td>S</td>
<td>Shipmen...</td>
</tr>
<tr>
<td></td>
<td>P</td>
<td>Package</td>
</tr>
<tr>
<td>2-5</td>
<td>Declared Freight Class</td>
<td></td>
</tr>
<tr>
<td>6-14</td>
<td>Declared Weight for the Commodity (one implied decimal place)</td>
<td></td>
</tr>
<tr>
<td>15-18</td>
<td>Rated Freight Class</td>
<td></td>
</tr>
<tr>
<td>19-27</td>
<td>Rated Weight for the Commodity (one implied decimal place)</td>
<td></td>
</tr>
<tr>
<td>28-36</td>
<td>Number of Pieces for the Commodity</td>
<td></td>
</tr>
</tbody>
</table>

* Contact your UPS Account Representative with any questions regarding a Contractual Service.
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REQUEST FORM

A copy of the Request for Information form is enclosed. See the Implementation Process section of this manual for a description of this form.
How to Use This Documentation

This section of the manual explains the documentation conventions used for the technical information in the manual. The information in this section consists solely of hypothetical examples and should not be used for coding purposes.

The left-hand pages provide the key to the large, boxed numbers shown on the examples given on the facing (right-hand) pages.

Transaction Set 997 was selected to illustrate transaction set documentation because it contains fewer segments than most transaction sets.

Segment MEA, although it is not part of Transaction Set 997, was selected to illustrate the documentation of segments and elements because it contains composite elements.

NOTE: Segments and elements that currently are not used by UPS are not included in the document detail.

Explanatory Notes and Sample Documentation for:
- ANSI Standard Transaction Set 997
  Pages 1-2 and 1-3
- Order of Transmission of Segments in the UPS Subset
  Pages 1-4 and 1-5
- Segment MEA (to illustrate presentation of segments and composite and component elements used by UPS)
  Pages 1-6 and 1-7

Note: If a segment is documented as being “optional” and no UPS Notes in bold italics indicate that the segment is “MANDATORY for UPS,” then the segment is OPTIONAL! (It would be transmitted only if the information in the segment’s data elements were applicable.) In such cases, the ANSI-mandatory elements are mandatory ONLY if the optional segment is transmitted. If a segment is “optional (but UPS Required),” then the UPS Notes in bold italics describe the conditions under which the segment must be transmitted.
Explanatory Notes and Sample Documentation for:
ANSI Standard Transaction Set 997 and the UPS Subset
(shown on the opposite page)

1 Header
The UPS service offering, the transaction set, and the version number of the transaction set. (The page numbers and the date of the documentation are located at the bottom of each page.)

2 Transaction Set Title
The transaction set number and name.

3 Functional Group ID
The functional group ID used in the GS Control Segment and in the functional acknowledgments for this transaction.

4 Introduction
The purpose of the transaction set as described in the ANSI standards.

5 UPS Notes/Must Use/Not Used/UPS Req.
The indicator of which of the ANSI standard segments are mandatory for UPS, used by UPS, and required by UPS. If the UPS subset is identical to the standard transaction set, no segment will be marked “Not Used.” Note position 30, Segment AK2, is optional according to ANSI standards, but is UPS required.

6 Pos. No.
The position of the segment within the transaction set according to the ANSI standards.

7 Seg. ID
The segment ID for this transaction set according to the ANSI standards.

8 Name
The name of the segment according to the ANSI standards.

9 Req. Des.
This segment's requirement designator according to the ANSI standards.

10 Max. Use
This segment's maximum use as described in the ANSI standards.

11 Loop Repeat
The number of times this segment can repeat according to the ANSI standards. Each loop is identified (by segment name or position number, depending on the ANSI standards). The beginning and the end of each loop are illustrated.
997 Functional Acknowledgment

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Functional Acknowledgment Transaction Set (997) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to define the control structures for a set of acknowledgments to indicate the results of the syntactical analysis of the electronically encoded documents. The encoded documents are the transaction sets, which are grouped in functional groups, used in defining transactions for business data interchange. This standard does not cover the semantic meaning of the information encoded in the transaction sets.

ANSI STANDARD TRANSACTION SET 997 AND THE UPS SUBSET

UPS Notes:

- **Must Use** = Mandatory for ANSI.
- **Not Used** = Not used by UPS.
- **UPS Req.** = Mandatory for UPS.

<table>
<thead>
<tr>
<th>Pos. No.</th>
<th>Ség. ID</th>
<th>Name</th>
<th>Req. Des.</th>
<th>Max. Use</th>
<th>Loop Repeat</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Transaction Set Header</td>
<td>M</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>010</td>
<td>ST</td>
<td>Functional Group Response Header</td>
<td>M</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>030</td>
<td>AK2</td>
<td>Transaction Set Response Header</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>040</td>
<td>AK3</td>
<td>Data Segment Note</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>050</td>
<td>AK4</td>
<td>Data Element Note</td>
<td>O</td>
<td>99</td>
<td></td>
</tr>
<tr>
<td>060</td>
<td>AK5</td>
<td>Transaction Set Response Trailer</td>
<td>M</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>070</td>
<td>AK9</td>
<td>Functional Group Response Trailer</td>
<td>M</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>080</td>
<td>SE</td>
<td>Transaction Set Trailer</td>
<td>M</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>
Explanatory Notes and Sample Documentation for:  
Order of Transmission of Segments in the UPS Subset

Numbers 1-11 (described and illustrated on the previous two pages) also apply to the UPS SUBSET. In addition, the following applies:

12

UPS Notes Regarding the UPS Subset
The purpose of this section is to indicate the segments UPS uses and the manner in which UPS uses them:

1. **The segments UPS uses.** Even if a segment is optional according to the ANSI standards, UPS requires it when the information is applicable (e.g., a trading partner transmits the H6 Segment only if Hundredweight information applies) and/or if these notes indicate it is mandatory for UPS. All such UPS requirements — along with any other notes, comments, or explanations concerning the transaction set — are listed in **bold italics** in this section. When possible, the notes are keyed to particular segments by **bold italic** numbers; i.e., the number in the UPS Notes column corresponds to the number of the note. Also, each note that pertains to a particular segment is also repeated in that segment’s header section, also in **bold italics**. (See pages 1-6 and 1-7, number 16 for illustration and explanation.)

2. **The way UPS uses the segments.** In effect, the schematic in the “ORDER OF TRANSMISSION...” section denotes a “UPS custom standard” that makes the UPS Comments for each segment and element easier to understand. For example, in a 204 Transaction Set, UPS may indicate two consecutive N1 loops, one with Position IDs 140 through 190 for Shipper information, and one with Position IDs 191 through 196 for Consignee information. Or, UPS may indicate two consecutive N9 Segments, one numbered Pos. No. 160 and the second labeled Pos. No. 161. In this way, UPS is able to indicate that each N9 Segment is to be used in a different way, thereby avoiding documenting numerous (and potentially confusing) “if/then” statements for a data element, based on which qualifiers were present in an earlier data element.

[Editor’s Note: Remember, the information in this section consists solely of hypothetical examples and should not be used for coding purposes.]
ORDER OF TRANSMISSION OF SEGMENTS IN THE UPS SUBSET

When the UPS Subset differs from the ANSI Standard Transaction Set, the differences will be documented as in the following example:

<table>
<thead>
<tr>
<th>Pos. No.</th>
<th>Seg. ID</th>
<th>Name</th>
<th>Req.</th>
<th>Max. Use</th>
<th>Loop Repeat</th>
<th>UPS Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Must Use</td>
<td>010</td>
<td>ST Transaction Set Header</td>
<td>M</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Must Use</td>
<td>020</td>
<td>AK1 Functional Group Response Header</td>
<td>M</td>
<td>1</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>UPS Req.</td>
<td>030</td>
<td>AK2 Transaction Set Response Header</td>
<td>O</td>
<td>1</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Must Use</td>
<td>060</td>
<td>AK5 Transaction Set Response Trailer</td>
<td>M</td>
<td>1</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Must Use</td>
<td>070</td>
<td>AK9 Functional Group Response Trailer</td>
<td>M</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Must Use</td>
<td>080</td>
<td>SE Transaction Set Trailer</td>
<td>M</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

LOOP ID - AK2 999999

UPS Notes Regarding the UPS Subset:

The UPS Subset lists the segments UPS uses. Even if a segment is optional according to the ANSI standards, UPS requires it when these notes indicate it is mandatory for UPS.

1. Each transmission of functional acknowledgments (Transaction Set 997) will be surrounded by its own ISA/IEA and GS/GE Control Segments.
2. UPS sends and receives acknowledgments at the Functional Group level. If a Trading Partner requires acknowledgment at the Transaction Set level, UPS needs to be notified.
3. The AK2 Segment is MANDATORY for UPS. [Editor’s Note: Remember, however, that this is only a hypothetical example.]
4. Segments AK3 and AK4 will not be sent unless specifically requested.
Explanatory Notes and Sample Documentation for: Segment MEA (to illustrate presentation of segments and composite and component elements used by UPS) (shown on the opposite page)

13 Position, Loop, Level:
The location of this particular segment in the UPS Subset. Notice that “Loop” may be blank.

14 Usage/Max Use
The use of the segment and the maximum number of occurrences (usually, the ANSI default). When the segment is not mandatory for ANSI but is for UPS, “but UPS Required.” will appear in parenthesis following the ANSI usage, and the “UPS Notes” will indicate the segment is mandatory for UPS. See also numbers 15 and 17, below.

15 UPS Notes
UPS notes, comments, explanations, and requirements pertaining to this segment (including mandatory UPS usage) are indicated in bold italics.

16 Purpose
The purpose of the segment as described in the ANSI standards.

17 “UPS Req.” Element Designation
When the element is mandatory for UPS, this column will contain the words “UPS Req.” NOTE: Elements not used by UPS are not documented at all.

18 Name
The element name according to the ANSI standards is shown in bold type. The ANSI description for the element appears below the name in normal type.

19 Attributes
The element attributes according to the ANSI standards: requirement designation; type; and minimum and maximum length. Any special UPS requirements are noted elsewhere; see number 27, below.

20 Ref. Des.
The element position number within the segment according to the ANSI standards.

21 Data Element
The data element number according to the ANSI standards.

22 Data Element Code Values
If present, the ANSI standard code value(s). The UPS description of any special UPS use of a code (e.g., “UPS uses xxx to denote...”) will be indicated in italics. See also number 23, below.

23 >>UPS Comments:
UPS comments, notes, explanations are shown here in italics. UPS custom code values, if any, are also shown in italics.

24 >>UPS Requirements:
Mandatory use by UPS and current length limitations are noted in italics. (A bullet also draws attention to the information.) In this hypothetical example: MEA03 is conditional according to ANSI but mandatory for UPS and the maximum length that UPS currently accepts for MEA03 is 8 bytes instead of the 10 allowed by ANSI.

25 Data Element (for Composite Data Element)
The data element number of the composite according to the ANSI standards. Composite data elements consist of one or more component data elements. The Ref. Des. of each component data element belonging to the composite element is keyed to the composite’s data element number (see number 26, below).

26 Ref. Des. (for Component Data Element)
The element position number within the composite to which it belongs; e.g., C00101 is the first component of the MEA04/C001 composite, and the element number is 355.

27 Attributes (for Component Data Element)
The component element’s attributes according to the ANSI standards: requirement; type; and minimum and maximum length. In this example, the composite element (MEA04/C001) is ANSI conditional but UPS mandatory. Its component element (C00101/355) is mandatory according to the ANSI standards.
### MEA Measurements

**Segment:** MEA  
**Position:** 190  
**Usage:** Optional (but UPS Required)  
**Max Use:** 10

To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001.)

THE MEA SEGMENT IS MANDATORY FOR UPS. [Editor’s Note: Remember, this is only a hypothetical example of UPS Notes.]

#### Data Element Summary

<table>
<thead>
<tr>
<th>Ref. Data Element</th>
<th>Name</th>
<th>Attributes</th>
<th>UPS Req.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEA02</td>
<td>MEA Measurement Qualifier</td>
<td>O ID</td>
<td>1/3</td>
</tr>
<tr>
<td>MEA03</td>
<td>Measurement Value</td>
<td>X R</td>
<td>1/10</td>
</tr>
<tr>
<td>MEA04</td>
<td>Composite Unit of Measure</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>C001</td>
<td>Unit or Basis for Measurement Code</td>
<td>M ID</td>
<td>2/2</td>
</tr>
</tbody>
</table>

### UPS Notes

UPS Notes: The MEA Segment is MANDATORY for UPS.

[Editor’s Note: Remember, this is only a hypothetical example of UPS Notes.]

**UPS Notes:**

- **MEA02**
  - **MEA02** is mandatory for UPS when MEA02 is A.
  - **UPS current maximum length = 8**

**UPS Notes:**

- **MEA03**
  - **MEA03** is mandatory for UPS when MEA02 is A.
  - **UPS current maximum length = 8**

**UPS Notes:**

- **C001** and its component C00101 are mandatory for UPS.

**UPS Notes:**

- **C00101** must be either KG or LB for all measurements.
This page intentionally left blank.
Implementation Process
Billing (4030) Implementation Test Plan:

Coordination
To better accommodate our Trading Partners and facilitate their turnover to production, UPS EDI Services will be managing the implementation phases from consulting to production.

During consulting, UPS EDI Services will always be available to answer Trading Partner questions and concerns that may arise.

When a Trading Partner is ready to exchange test files, UPS EDI Services will evaluate our current customer workload and systems resources to determine a testing and production schedule.

Do not hesitate to call us with any questions or concerns. We look forward to working with you.

Preparation for Testing
Conference Call
The consulting phase is established during a conference call between the Trading Partner and UPS EDI Services. The purpose of this conference call is to establish the parameters of the Trading Partner relationship, using the Request For Information (RFI) form located at the back of this customer manual.

Request for Information (RFI) Form
The RFI form already contains important information about UPS’s expectations of its Trading Partners. During this conference call, the blank sections of the form will be discussed and completed with the appropriate information.

This information includes EDI technical information, such as VAN and EDI ID information, as well as a timeframe for completion of the consulting phase. The Trading Partner will be asked during the course of the conference call to provide a date that will commit them to complete the consulting phase, and the testing phase.

At the conclusion of the conference call, the Trading Partner signs and faxes the completed RFI to UPS EDI Services.

Electronic Data Access and Exchange Agreements
The UPS customer will receive two copies of the UPS Electronic Data Access and Exchange Agreements (EDAEA) from their UPS sales representative and should direct these documents to their legal department for review. One signed/initialed original Agreement should be retained by the UPS customer and one signed/initialed original Agreement should be returned to their UPS sales representative. The UPS sales representative will forward this document to the UPS corporate office. Once the signed/initialed Agreement (EDAEA) is received and approved by the UPS corporate office, the EDI Services team will be authorized to begin implementation.

Testing
Purpose: To accomplish the following objectives:
1. Testing of the Network Partnership.
2. Testing of the partnership established in the translation software.

Connectivity
The Trading Partner and UPS agree to perform the following connectivity tests:
- Validating that the trading partnership is set up accurately on the Value Added Network (if applicable).
- Transmitting data to each other to verify that the connection is working.

210/997
Before testing, the Trading Partner agrees that UPS will transmit a 210 file in the format described in this customer manual. The Trading Partner must transmit a group level 997 file back to UPS to acknowledge receipt of the 210.

Process:
1. UPS transmits the 210 test data to the Trading Partner. If transmission problems or failures occur, UPS and the Trading Partner repeat step 1 until successful, then proceed to steps 2-5.
2. The Trading Partner confirms that it successfully received the 210 transaction.
3. The Trading Partner transmits a 997 back to UPS.
4. UPS receives, processes, and verifies the 997.
5. Move to production.

Pre-Production Notes
1. Once the production date is established, the Trading Partner will change the UPS EDI ID. If the Trading Partner’s production EDI ID is different from test, this information will also be exchanged at this time.
   Note: UPS uses different Network Mailboxes in test and production. Some Networks require a different set-up based upon EDI ID or based on a different literal Mailbox Address. Therefore, it is possible the Trading Partner will need to update the Network Partnership.

2. UPS will not delay production because of differences between the test and production set-up. However, some of these changes may affect the Trading Partner. UPS EDI Services will verify the production date after reviewing changes to ensure the Trading Partner can still make the production date.

Production Turnover
- UPS requires a lead time of five business days to move a Trading Partner to production.
- After the Trading Partner has run in production for one week, the UPS EDI Support Group will support the Trading Partner 24 hours a day, seven days per week. (1-800-EDI-Line).
- The Trading Partner will continue to receive a paper bill for the first three weeks of production, after which the paper bill will stop.
Future Enhancements and Changes

Notification and Documentation
UPS EDI Services will notify Trading Partners of data content changes as they occur. This notification usually takes the form of a Summary of Change document, which contains the information that Trading Partners need to be able to code for the new release version.

Updating Documentation
UPS will send current Trading Partners revised documentation as close as possible to the effective date. The Trading Partners should update their documentation as soon as possible, following the instructions contained in the revision package.

New Trading Partners during Conversion to the New Release Version
For the three to four weeks before the new release goes into production, UPS will continue to make the current customer manual available to parties interested in becoming Trading Partners. UPS will enclose with the current manual a copy of the Summary of Change document that details the features of the new release so that potential Trading Partners can code for the new release version.
This page intentionally left blank.
Description of the UPS EDI Billing Service

EDI bills are generated weekly and are transmitted to the customer via a Third Party Network. A functional acknowledgment is created by the customer and transmitted back to UPS via the same Third Party Network.
Control Segments

Introduction:

The purpose of this standard is to define the control structures for the electronic interchange of one or more encoded business transactions including the EDI (Electronic Data Interchange) encoded transactions of Accredited Standards Committee X12. This standard provides the interchange envelope of a header and trailer for the electronic interchange through a data transmission, and it provides a structure to acknowledge the receipt and processing of this envelope.

ANSI STANDARD CONTROL SEGMENTS AND THE UPS SUBSET

<table>
<thead>
<tr>
<th>Pos. No.</th>
<th>Seg. ID</th>
<th>Name</th>
<th>Req.</th>
<th>Max. Use</th>
<th>Loop Repeat</th>
</tr>
</thead>
<tbody>
<tr>
<td>010</td>
<td>ISA</td>
<td>Interchange Control Header</td>
<td>M</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>020</td>
<td>TA1</td>
<td>Interchange Acknowledgment</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>030</td>
<td>GS</td>
<td>Functional Group Header</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>040</td>
<td>GE</td>
<td>Functional Group Trailer</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>050</td>
<td>IEA</td>
<td>Interchange Control Trailer</td>
<td>M</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

ORDER OF TRANSMISSION OF SEGMENTS IN THE UPS SUBSET

UPS Notes:

- **Must Use** = Mandatory for ANSI.
- **Not Used** = Not used by UPS.
- **UPS Req.** = Mandatory for UPS.

<table>
<thead>
<tr>
<th>Pos. No.</th>
<th>Seg. ID</th>
<th>Name</th>
<th>Req.</th>
<th>Max. Use</th>
<th>Loop Repeat</th>
<th>UPS Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Must Use</td>
<td>010</td>
<td>ISA Interchange Control Header</td>
<td>M</td>
<td>1</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>UPS Req.</td>
<td>030</td>
<td>GS Functional Group Header</td>
<td>O</td>
<td>1</td>
<td>1, 2</td>
<td></td>
</tr>
<tr>
<td>UPS Req.</td>
<td>040</td>
<td>GE Functional Group Trailer</td>
<td>O</td>
<td>1</td>
<td>2, 3</td>
<td></td>
</tr>
<tr>
<td>Must Use</td>
<td>050</td>
<td>IEA Interchange Control Trailer</td>
<td>M</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

UPS Notes Regarding the UPS Subset:

The UPS Subset lists the segments UPS uses. Even if a segment is optional according to the ANSI standards, UPS requires it when these notes indicate it is mandatory for UPS.

- **Must Use**
- **UPS Req.**

1. The GS Segment is MANDATORY for UPS.
2. UPS have documented the control segments so that both inbound and outbound transactions are indicated; i.e., both the UPS receiver and sender codes are listed.
3. The GE Segment is MANDATORY for UPS.

Refer to pages 1-4 and 1-5 of the Introduction section of this manual for explanation of footnote use.
Segment: **ISA** Interchange Control Header

Position: 010

Loop:

Level:

Usage: Mandatory

Max Use: 1

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

### Data Element Summary

<table>
<thead>
<tr>
<th>Reference</th>
<th>Data Des.</th>
<th>Data Element</th>
<th>Data Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISA01</td>
<td>010</td>
<td>Authorization Information Qualifier</td>
<td>Code to identify the type of information in the Authorization Information.</td>
<td>M ID 2/2</td>
</tr>
<tr>
<td>ISA02</td>
<td>02</td>
<td>Authorization Information</td>
<td>Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)</td>
<td>M AN 10/10</td>
</tr>
<tr>
<td>ISA03</td>
<td>03</td>
<td>Security Information Qualifier</td>
<td>Code to identify the type of information in the Security Information.</td>
<td>M ID 2/2</td>
</tr>
<tr>
<td>ISA04</td>
<td>04</td>
<td>Security Information</td>
<td>This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)</td>
<td>M AN 10/10</td>
</tr>
<tr>
<td>ISA05</td>
<td>05</td>
<td>Interchange ID Qualifier</td>
<td>Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified.</td>
<td>M ID 2/2</td>
</tr>
</tbody>
</table>

---

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ALL REVISIONS MUST BE COORDINATED WITH INFORMATION SERVICES.
<table>
<thead>
<tr>
<th>ISA</th>
<th>Interchange Segment</th>
<th>Description</th>
<th>M/A</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>06</td>
<td>Interchange Sender ID</td>
<td>Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>07</td>
<td>Interchange ID Qualifier</td>
<td>Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified. 02 SCAC (Standard Carrier Alpha Code)</td>
<td>105</td>
<td>ID 2/2</td>
</tr>
<tr>
<td>08</td>
<td>Interchange Receiver ID</td>
<td>Identification code published by the receiver of the data. When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>09</td>
<td>Interchange Date</td>
<td>Date of the interchange.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Interchange Time</td>
<td>Time of the interchange.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Repetition Separator</td>
<td>Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Interchange Control Version Number</td>
<td>This version number covers the interchange control segments. 00403 Standard Issued as ANSI X12.5-1992</td>
<td>111</td>
<td>ID 5/5</td>
</tr>
<tr>
<td>ISA13</td>
<td>I12</td>
<td>Interchange Control Number</td>
<td>M</td>
<td>N0 9/9</td>
</tr>
<tr>
<td>-------</td>
<td>-----</td>
<td>----------------------------</td>
<td>---</td>
<td>--------</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A control number assigned by the interchange sender</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>UPS Comments:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>UPS increments Control Numbers by one (1).</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ISA14</th>
<th>I13</th>
<th>Acknowledgment Requested</th>
<th>M</th>
<th>ID 1/1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Code sent by the sender to request an interchange acknowledgment (TA1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>0 No Acknowledgment Requested</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ISA15</th>
<th>I14</th>
<th>Test Indicator</th>
<th>M</th>
<th>ID 1/1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Code to indicate whether data enclosed by this interchange envelope is test or production.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>P Production Data</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>T Test Data</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ISA16</th>
<th>I15</th>
<th>Component Element Separator</th>
<th>M</th>
<th>AN 1/1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>This field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>UPS Comments:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>UPS uses the following value (or other character mutually agreed upon with the Trading Partner):</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Segment: **GS** Functional Group Header

Position: 030

Loop: 
Level: 
Usage: Optional (but UPS Required)

Max Use: 1

Purpose: To indicate the beginning of a functional group and to provide control information

UPS Notes: *The GS Segment is MANDATORY for UPS.*

### Data Element Summary

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
<th>Attributes ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS01</td>
<td>479</td>
<td>Functional Identifier Code</td>
<td><strong>M</strong></td>
<td>ID 2/2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code identifying a group of application related Transaction Sets.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>FA Functional Acknowledgment (997)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>IM Motor Carrier Freight Details and Invoice (210)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GS02</td>
<td>142</td>
<td>Application Sender's Code</td>
<td><strong>M</strong></td>
<td>AN 2/15</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code identifying party sending transmission. Codes agreed to by trading partners.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt;&gt;UPS Comments:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><em>When UPS is the Sender, the value it sends is:</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>UPSS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GS03</td>
<td>124</td>
<td>Application Receiver's Code</td>
<td><strong>M</strong></td>
<td>AN 2/15</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code identifying party receiving transmission. Codes agreed to by trading partners.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt;&gt;UPS Comments:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><em>When UPS is the Receiver, the value to use is:</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>UPSS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GS04</td>
<td>373</td>
<td>Date</td>
<td><strong>M</strong></td>
<td>DT 8/8</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Date (CCYYMMDD).</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt;&gt;UPS Comments:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><em>Date the functional group header was created in the UPS system</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GS05</td>
<td>337</td>
<td>Time</td>
<td><strong>M</strong></td>
<td>TM 4/8</td>
</tr>
<tr>
<td></td>
<td></td>
<td>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)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt;&gt;UPS Comments:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><em>Time the functional group header was created in the UPS system. The format is HHMM.</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Segment</td>
<td>Code</td>
<td>Description</td>
<td><strong>M</strong></td>
<td><strong>N0 1/9</strong></td>
</tr>
<tr>
<td>---------</td>
<td>------</td>
<td>-------------</td>
<td>-------</td>
<td>------------</td>
</tr>
<tr>
<td>GS06</td>
<td>28</td>
<td><strong>Group Control Number</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Assigned number originated and maintained by the sender.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>UPS Comments:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>UPS increments Control Numbers by one (1).</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GS07</td>
<td>455</td>
<td><strong>Responsible Agency Code</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code used in conjunction with Data Element 480 to identify the issuer of the standard.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>X Accredited Standards Committee X12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GS08</td>
<td>480</td>
<td><strong>Version / Release / Industry Identifier Code</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code indicating the version, release, subrelease and industry identifier of the EDI standard being used, including the GS and GE segments. If code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user). If code in DE455 in GS segment is T, then other formats are allowed.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>UPS Comments:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>This version number matches the version number of the transaction set transmitted.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>UPS Requirements:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>UPS requires 004030.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
210 Motor Carrier Freight Details and Invoice

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Motor Carrier Freight Details and Invoice Transaction Set (210) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide detail information for charges for services rendered by a motor carrier. It is used both as a motor carrier invoice to request payment or as details pertaining to motor freight shipment(s) charges.

UPS SUBSET OF THE ANSI STANDARD TRANSACTION SET 210

Heading:

<table>
<thead>
<tr>
<th>Pos.</th>
<th>Seg.</th>
<th>Req. Des.</th>
<th>Max. Use</th>
<th>Loop Repeat</th>
<th>UPS Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>No.</td>
<td>ID</td>
<td>Name</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0100</td>
<td>ST</td>
<td>Transaction Set Header</td>
<td>M</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0200</td>
<td>B3</td>
<td>Beginning Segment for Carrier's Invoice</td>
<td>M</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0400</td>
<td>C3</td>
<td>Currency</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0500</td>
<td>ITD</td>
<td>Terms of Sale/Deferred Terms of Sale</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>0600</td>
<td>N9</td>
<td>Reference Identification</td>
<td>O</td>
<td>300</td>
<td></td>
</tr>
</tbody>
</table>

**Loop ID - 0100**

| 1100 | N1 | Name | O | 1 |
| 1200 | N2 | Additional Name Information | O | 1 |
| 1300 | N3 | Address Information | O | 2 |
| 1400 | N4 | Geographic Location | O | 1 |
| 1500 | N9 | Reference Identification | O | 5 |

Detail:

<table>
<thead>
<tr>
<th>Pos.</th>
<th>Seg.</th>
<th>Req. Des.</th>
<th>Max. Use</th>
<th>Loop Repeat</th>
<th>UPS Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>No.</td>
<td>ID</td>
<td>Name</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>======</td>
<td>------</td>
<td>-----------</td>
<td>----------</td>
<td>-------------</td>
<td>-----------</td>
</tr>
<tr>
<td>1200</td>
<td>LX</td>
<td>Assigned Number</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>1300</td>
<td>N9</td>
<td>Reference Identification</td>
<td>O</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>1400</td>
<td>L5</td>
<td>Description, Marks and Numbers</td>
<td>O</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>1700</td>
<td>L0</td>
<td>Line Item - Quantity and Weight</td>
<td>O</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>1800</td>
<td>L1</td>
<td>Rate and Charges</td>
<td>O</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>1900</td>
<td>L4</td>
<td>Measurement</td>
<td>O</td>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

**Loop ID - 0400**

| 2400 | N1   | Name | O | 1 |
| 2500 | N2   | Additional Name Information | O | 1 |
| 2600 | N3   | Address Information | O | 2 |
| 2700 | N4   | Geographic Location | O | 1 |
| 2800 | N9   | Reference Identification | O | 10 |

**Loop ID - 0460**

| 999999 |

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<table>
<thead>
<tr>
<th>Pos. No.</th>
<th>Seg. ID</th>
<th>Name</th>
<th>Req.</th>
<th>Max. Use</th>
<th>Loop Repeat</th>
<th>UPS Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOOP ID - 0463</td>
<td>3000</td>
<td>CD3 - Carton (Package) Detail</td>
<td>O</td>
<td>1</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>3100</td>
<td>N9</td>
<td>Reference Identification</td>
<td>O</td>
<td>20</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>3101</td>
<td>N9</td>
<td>Reference Identification</td>
<td>O</td>
<td>20</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

Summary:

<table>
<thead>
<tr>
<th>Pos. No.</th>
<th>Seg. ID</th>
<th>Name</th>
<th>Req.</th>
<th>Max. Use</th>
<th>Loop Repeat</th>
<th>UPS Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>0100</td>
<td>L3</td>
<td>Total Weight and Charges</td>
<td>O</td>
<td>1</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>0200</td>
<td>SE</td>
<td>Transaction Set Trailer</td>
<td>M</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**UPS Notes Regarding the UPS Subset:**

The UPS Subset lists the segments UPS uses. Even if a segment is optional according to the ANSI standards, UPS requires it when:

- The information is applicable (e.g., transmit the SMD Segment when Hundredweight information applies)
- These notes indicate that the segment is mandatory for UPS.

☑ Refer to pages 1-4 and 1-5 of the Introduction section of this manual for explanation of footnote use.

1. This LX Loop is incremented by 1 with each entry to this loop.
2. Normally Loop 400 has an ANSI repeat value of 9999. UPS needs requires a repeat value of >1 due to the large volume of packages and charge details that could be included here.
3. Contact your UPS Account Representative with any questions regarding a Contractual Service.
4. The L104 in this L1 Segment will contain the UPS Gross, Incentive and / or Accessorial Charges.
5. For a more detailed description of the relationship between L108 and L112 see the Appendix.
6. This L4 Segment is used for Shipping Charge Correction Adjustments and Packages Delivered but, Not Previously Billed.
7. Loops 0460 and 0463 shall be used to identify all small package carrier details related to the consignee (delivery location) and the related shipment. The shipper shall be identified in loop 0100.
8. This segment can be used for Original / Corrected Address Information.
9. This N9 Segment can repeat up to 7 times.
10. This L3 Segment equals the B3 Segment.
11. This L1 Segment may exceed the Max. Use of 10.
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

### Data Element Summary

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ST01</td>
<td>143</td>
<td>Transaction Set Identifier Code</td>
<td>M 1 ID 3/3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code uniquely identifying a Transaction Set</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>210 Motor Carrier Freight Details and Invoice</td>
<td></td>
</tr>
<tr>
<td>ST02</td>
<td>329</td>
<td>Transaction Set Control Number</td>
<td>M 1 AN 4/9</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set</td>
<td></td>
</tr>
</tbody>
</table>

**>> UPS Comments:**

UPS increments Control Numbers by one (1).
### Segment: B3 Beginning Segment for Carrier's Invoice
- **Position:** 0200
- **Loop:**
- **Level:** Heading
- **Usage:** Mandatory
- **Max Use:** 1
- **Purpose:** To transmit basic data relating to the carrier's invoice

#### Data Element Summary

<table>
<thead>
<tr>
<th>Ref.</th>
<th>Data Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>B302</td>
<td>Invoice Number</td>
<td>76</td>
<td>Identifying number assigned by issuer</td>
<td>M 1 AN 1/22</td>
</tr>
</tbody>
</table>

**>>UPS Comments:**
Unique invoice number assigned by UPS; use this number to remit payment to UPS.

**NOTE:** This number is for UPS internal use only; therefore, its format is subject to change without notice.

<table>
<thead>
<tr>
<th>B304</th>
<th>Shipment Method of Payment</th>
<th>146</th>
<th>Code identifying payment terms for transportation charges</th>
</tr>
</thead>
<tbody>
<tr>
<td>CC</td>
<td>Collect</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DF</td>
<td>Defined by Buyer and Seller</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**>>UPS Comments:**
UPS uses CC denote Consignee Billing.

<table>
<thead>
<tr>
<th>PA</th>
<th>Advance Prepaid</th>
</tr>
</thead>
</table>

**>>UPS Comments:**
UPS uses PA to denote that the customer's credit card account has been billed for the amount of the invoice.

| PP   | Prepaid (by Seller)       |

<table>
<thead>
<tr>
<th>B306</th>
<th>Date</th>
<th>373</th>
<th>Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</th>
</tr>
</thead>
</table>

**>>UPS Comments:**
UPS Invoice Date

<table>
<thead>
<tr>
<th>B307</th>
<th>Net Amount Due</th>
<th>193</th>
<th>Total charges to be paid by the receiver of this transaction set expressed in the standard monetary denomination for the currency specified</th>
</tr>
</thead>
</table>

**>>UPS Comments:**
Total Invoice Amount
<table>
<thead>
<tr>
<th>B311</th>
<th>140</th>
<th>Standard Carrier Alpha Code</th>
<th>M</th>
<th>1</th>
<th>ID 2/4</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Standard Carrier Alpha Code</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>&gt;&gt;UPS Comments:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>UPSN   Production</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>UPSS   Test</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>B312</th>
<th>373</th>
<th>Date</th>
<th>O</th>
<th>1</th>
<th>DT 8/8</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>&gt;&gt;UPS Comments:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>UPS Invoice Due Date</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Transaction Set 210/4030

Segment: C3  Currency
Position: 0400
Loop: Heading
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the currency being used in the transaction set

Data Element Summary

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>C301</td>
<td>100</td>
<td>Currency Code</td>
<td>M      I  1  ID 3/3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code (Standard ISO) for country in whose currency the charges are specified</td>
<td></td>
</tr>
</tbody>
</table>

>>UPS Comments:
  CAD  Canadian Dollars
  USD  US Dollars

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July 2008  UPS Confidential
Segment: ITD  Terms of Sale/Deferred Terms of Sale
Position: 0500
Loop: 
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify terms of sale

Data Element Summary

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITD01</td>
<td>336</td>
<td>Terms Type Code</td>
<td>O 1 ID 2/2</td>
</tr>
</tbody>
</table>

Code identifying type of payment terms
01 Basic

>>UPS Comments:
UPS uses 01 to denote Original.

07 Extended

>>UPS Comments:
UPS uses 07 to denote Duplicate.
Segment: **N9** Reference Identification  
Position: 0600  
Loop:  
Level: Heading  
Usage: Optional  
Max Use: 300  
**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier

### Data Element Summary

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
<th><strong>Attributes</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>N901</td>
<td>128</td>
<td>Reference Identification Qualifier</td>
<td>M</td>
<td>1 ID 2/3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code qualifying the Reference Identification</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>18 Plan Number</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**>>UPS Comments:**  
UPS uses 18 to denote the UPS Consolidated Bill Plan Number.

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
<th><strong>Attributes</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>N902</td>
<td>127</td>
<td>Reference Identification</td>
<td>X</td>
<td>1 AN 1/50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**>>UPS Comments:**  
If N901 contains 18 then N902 contains the UPS Consolidated Bill Plan Number.

**GT** Goods and Service Tax Registration Number  
**>>UPS Comments:**  
UPS uses GT to denote the Tax ID

**MA** Ship Notice/Manifest Number  
**>>UPS Comments:**  
UPS uses MA to denote the Routing Number.
Segment: **N1** Name  

**Position:** 1100  
**Loop:** 0100 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code

### Data Element Summary

<table>
<thead>
<tr>
<th>Ref.</th>
<th>Data Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>N101</td>
<td></td>
<td>98</td>
<td>Entity Identifier Code</td>
<td>M 1 ID 2/3</td>
</tr>
</tbody>
</table>

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

- **BT** Bill-to-Party  
- **SH** Shipper

| N102 |           | 93           | Name                          | X 1 AN 1/60 |

Free-form customer or shipper name

| N103 |           | 66           | Identification Code Qualifier | X 1 ID 1/2  |

Code designating the system/method of code structure used for Identification Code (67)  

>>**UPS Comments:**  
- If N101 is BT, then N103 is not used.  
- If N101 is SH, then N103 contains:

  25 Carrier's Customer Code  

>>**UPS Comments:**  
- **UPS Shipper Number.**

| N104 |           | 67           | Identification Code           | X 1 AN 2/80 |

Code identifying a party or other code  

>>**UPS Comments:**  
- If N101 is BT, then N104 is not used.  
- If N101 is SH, then N104 contains the **UPS Assigned Shipper Number.**
Segment: N2 Additional Name Information

Position: 1200
Loop: 0100 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify additional names

Data Element Summary

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>N201</td>
<td>93</td>
<td>Name</td>
<td>M 1 AN 1/60</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Free-form name</td>
<td></td>
</tr>
<tr>
<td>N202</td>
<td>93</td>
<td>Name</td>
<td>O 1 AN 1/60</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Free Form Name</td>
<td></td>
</tr>
</tbody>
</table>
Segment: N3 Address Information
Position: 1300
Loop: 0100 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party

Data Element Summary

<table>
<thead>
<tr>
<th>Ref.</th>
<th>Data Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>N301</td>
<td></td>
<td>166</td>
<td>Address Information</td>
<td>M 1 AN 1/55</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Address information</td>
<td></td>
</tr>
</tbody>
</table>

| N302 |           | 166          | Address Information      | O 1 AN 1/55|
|      |           |              | Address information      |            |

>>UPS Comments:
Additional address information, if available
Segment: N4 Geographic Location

Position: 1400
Loop: 0100 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party

Data Element Summary

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>N401</td>
<td>19</td>
<td>City Name</td>
<td>O 1 AN 2/30</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Free-form text for city name</td>
<td></td>
</tr>
<tr>
<td>N402</td>
<td>156</td>
<td>State or Province Code</td>
<td>X 1 ID 2/2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code (Standard State/Province) as defined by appropriate government agency</td>
<td></td>
</tr>
<tr>
<td>N403</td>
<td>116</td>
<td>Postal Code</td>
<td>O 1 ID 3/15</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code defining international postal zone code excluding punctuation and blanks (zip code for United States)</td>
<td></td>
</tr>
<tr>
<td>N404</td>
<td>26</td>
<td>Country Code</td>
<td>X 1 ID 2/3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code identifying the country</td>
<td></td>
</tr>
</tbody>
</table>
Segment: **N9** Reference Identification

**Position:** 1500

**Loop:** 0100 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 5

**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier

### Data Element Summary

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>N901</td>
<td>128</td>
<td>Reference Identification Qualifier</td>
<td>M 1 ID 2/3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code qualifying the Reference Identification</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>CR Customer Reference Number</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ST Store Number</td>
<td></td>
</tr>
<tr>
<td>N902</td>
<td>127</td>
<td>Reference Identification</td>
<td>X 1 AN 1/50</td>
</tr>
</tbody>
</table>

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

**UPS Comments:**

- If N901 is CR, then N902 contains the Customer Reference Number for the shipper, if any, as keyed into the "CUST REFERENCE NUMBER" field of the UPS Customer Resource Information System (CRIS). This is **not** a per-package reference number. It is a customer-provided number which UPS hard codes into CRIS and which is associated with a specific UPS Account Number.
- If N901 is ST, then N902 contains the Store Number, if any, as keyed into the "STORE #" field of the UPS Customer Resource Information System (CRIS).
Segment: **LX** Assigned Number
Position: 1200
Loop: 0400 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To reference a line number in a transaction set

**UPS Notes:** *This LX Loop is incremented by 1 with each entry to this loop. Normally loop 400 has an ANSI repeat value of 9999. UPS needs requires a repeat value of > 1 due to the large volume of packages and charge details that could be included here.*

### Data Element Summary

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>LX01</td>
<td>554</td>
<td>Assigned Number</td>
<td>M I N0 1/6</td>
</tr>
</tbody>
</table>

Number assigned for differentiation within a transaction set

>>**UPS Comments:** Sequential number that begins at one (1) and increments by one (1) until the end of Loop ID 0400.
Segment: **N9** Reference Identification

**Position:** 1300

**Loop:** 0400 Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 5

**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier

**UPS Notes:** Contact your UPS Account Representative with any questions regarding a Contractual Service

---

Data Element Summary

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>N901</td>
<td>128</td>
<td>Reference Identification Qualifier</td>
<td>M 1 ID 2/3</td>
</tr>
</tbody>
</table>

*Code qualifying the Reference Identification*

- **3Q** Food and Drug Administration (FDA) Product Code
- **97** Package Number

**UPS Comments:**
UPS uses 97 to denote the package ID number that appears in the Address Correction section of the UPS printed bill.

- **AG** Agent's Shipment Number

**UPS Comments:**
UPS uses AG to denote reserved for future use D.

- **AJ** Accounts Receivable Customer Account

**UPS Comments:**
UPS uses AN to denote the Original Recorded Account Number

- **AT** Appropriation Number

- **BM** Bill of Lading Number

- **CA** Cost allocation reference

**UPS Comments:**
UPS uses CA to denote Original Recorded Account Number Associated with the Lookup Surcharge
CN      Carrier's Reference Number (PRO/Invoice)

>>UPS Comments:
• UPS uses CN to denote the UPS Package Tracking Number.
• Note: If overflow Tracking Numbers (over 5) exist they will appear in the following N9 Segment in N902 (at position 3100, Loop 463).
• UPS may also use CN to denote the Pickup Record Number or "NA" with miscellaneous adjustment.
• UPS does not use CN to denote PRO or Invoice Number.

D2      Supplier Document Identification Number

>>UPS Comments:
UPS uses D2 to denote the Payor.

DP      Department Number

DT      Downstream Shipper Contract Number

>>UPS Comments:
UPS uses DT to denote the Miscellaneous Date. For International EDI purposes will contain the pickup date.

ER      Container or Equipment Receipt Number

>>UPS Comments:
UPS uses ER to denote the Currency Exchange Rate

IK      Invoice Number

IN      Consignee Invoice Number

>>UPS Comments:
UPS uses IN to denote the Item Number

JH      Tag

JS      Job Sequence Number

>>UPS Comments:
UPS uses JS to denote the Job Number for UPS Express CriticalSM

LU      Location Number

>>UPS Comments:
UPS uses LU to denote Destination ZIP Code.

MJ      Model Number

MK      Manifest Key Number
ON  Dealer Order Number

OR  Order/Paragraph Number

>>UPS Comments
UPS uses OR to denote UPS Packaging Supplies Order Number

P8  Pickup Reference Number

PC  Production Code

PM  Part Number

PT  Purchase Option Agreement

>>UPS Comments:
UPS uses PT to denote Port Code for UPS World Ease™. *(Contractual Service)*

RA  Repetitive Cargo Shipment Number

>>UPS Comments:
UPS uses RA to denote the Return Authorization Number

RI  Release invoice number for prior bill and hold

>>UPS Comments:
UPS uses RI to denote the Service Request Number

RQ  Purchase Requisition Number

RY  Rebate Number

>>UPS Comments:
UPS uses RY to denote the tracking number for One Time Pickup.

SA  Salesperson

SE  Serial Number

SI  Shipper’s Identifying Number for Shipment (SID)

SN  Subscription Number
ST  Store Number
SY  Social Security Number
TJ  Federal Taxpayer's Identification Number
TN  Transaction Reference Number
U3  Unique Supplier Identification Number (USIN)
  >>>UPS Comments:
  UPS uses U3 to denote the User ID.
VR  Vendor ID Number
  >>>UPS Comments:
  UPS uses VR to denote Vendor Number for Consignee Billing
WE  Well Classification Code
  >>>UPS Comments:
  UPS uses WE to denote UPS World Ease<sup>SM</sup> Number (Contractual Service)*
ZS  Software Application Number
  >>>UPS Comments:
  UPS uses ZS to denote Internet Shipping User ID Number.
ZZ  Mutually Defined
  >>>UPS Comments:
  UPS uses ‘ZZ’ as a placeholder.

*Contact your UPS Account Representative with any questions regarding a Contractual Service.

N902  127  Reference Identification
X  1  AN 1/50
Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier
  >>>UPS Comments:
  • If N901 contains 97, then N902 contains Package ID Number (Address Correction Section)
  • If N901 contains AG, then N092 is not used.
  • If N901 contains AN, then N902 contains the Original Recorded Account Number.
  • If N901 contains CN, then N902 contains the UPS Package Tracking Number or Pickup Record or NA if miscellaneous adjustment applies.
  • If N901 is D2 then N902 may contain one of the following codes:
    01  Shipper
    02  Consignee
    12  Third Party Shipper
    13  Third Party Consignee
• If N901 contains DP, then N902 contains a Department Number.
• If N901 contains ER then N902 contains the Currency Exchange Rate. 
  Note: The maximum length of the Currency Exchange Rate is 13 and 
  contains an implied 9 digit decimal position, (i.e. 1234567890123 not 
  1234.567890123). The decimal point is not transmitted
• If N901 contains JH, then N902 contains the UPS Call Tag Number
• If N901 contains JS, then N902 contains the Job Number for UPS Express 
  Critical℠
• If N901 contains IN, then N902 contains the Item Number.
• If N901 contains LU, then N902 contains the Destination ZIP Code.
• If N901 contains OR, then N902 contains the Order Number.
• If N901 contains P8, then N902 contains the Pickup Record Number.
• If N901 contains PT then N902 contains the Port Code for UPS World 
  Ease℠ if applicable. (Contractual Service)*
• If N901 contains RA, then N902 contains the Return Merchandise 
  Authorization Number.
• If N901 contains RI, then N902 contains the Service Request Number.
• If N901 contains RY, then N902 contains Tracking Number for One Time 
  Pickup.
• If N901 contains U3, then N902 contains the User ID.
• If N091 contains VR, then N902 contains the Vendor Number of 
  Consignee Billing.
• If N901 contains WE then N902 contains the UPS World Ease℠ Number 
  if applicable. (Contractual Service)*

N903 369 Free-form Description X 1 AN 1/45
Free-form descriptive text

>>>UPS Comments:
This field will contain the UPS Billing Message codes, when applicable.

<table>
<thead>
<tr>
<th>Pos.</th>
<th>Field Description</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2</td>
<td>Container Indicator</td>
<td>00 Letter or Not Applicable</td>
</tr>
<tr>
<td></td>
<td></td>
<td>01 Pak</td>
</tr>
<tr>
<td></td>
<td></td>
<td>02 Package</td>
</tr>
<tr>
<td></td>
<td></td>
<td>03 Document</td>
</tr>
<tr>
<td></td>
<td></td>
<td>04 UPS 25KG Box® (Non-Doc)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>05 UPS 10KG Box® (Non-Doc)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>06 Envelope</td>
</tr>
<tr>
<td></td>
<td></td>
<td>07 UPS 25KG Box® (Doc)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>08 UPS 10KG Box® (Doc)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>09 All</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 Unclassified</td>
</tr>
<tr>
<td>3-3</td>
<td>Residential / Commercial Indicator</td>
<td>1 Recorded Residential, Corrected Commercial</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 Recorded Commercial, Corrected Residential</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 Ground Residential</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 Ground Commercial</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 Air Residential</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6 Air Commercial</td>
</tr>
</tbody>
</table>
### 4-4 Job Type Indicator (for UPS Express CriticalSM Only)

- **0** Not Applicable
- **D** Domestic
- **F** Freight
- **I** International
- **R** Depot Repair
- **W** Warehousing

(This ends the UPS Express CriticalSM Category)

### Oversize Indicators

- **1** OS1
- **2** OS2
- **3** Over Maximum Size Limit
- **4** Over Maximum Size Weight
- **5** OS3

### Message Codes Position 5 through 24 contains up to 10 exponent message codes. One message code will take up two bytes.

#### Pos. Description

<table>
<thead>
<tr>
<th>Pos.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-1</td>
<td>Message Code</td>
</tr>
<tr>
<td>2-2</td>
<td>Spacer (If applicable)</td>
</tr>
</tbody>
</table>

The values are as follows:

- **00** Not Available
- **a** Package hundredweight eligible; single piece rates applied
- **b** Package hundredweight eligible; hundredweight rates applied
- **c** Minimum shipment charge applied
- **d** Deficit weight applied to Minimize charges
- **e** Minimum revenue applied
- **f** Minimum shipment applied
- **g** Minimum average package weight applied
- **h** Lane incentive rates applied to minimize charges
- **i** Charges not paid by receiver
- **j** Charges not paid by third party
- **k** Charges not previously billed to your account
- **l** Single package rate applied; shipment not eligible for CWT rates
- **m** Median weight for service based on last six weeks
- **n** Average Weight
- **o** Scale Weight
- **p** Weight recorded by driver
- **q** Oversize weight applied
- **r** Dimensional weight applied
- **s** Internet voided package delivered
- **t** Weight supplied by customer
- **u** Minimum billable weight applied
- **v** Weight adjustment based upon UPS audit
w  Dimensional Weight Applied based upon UPS Audit
x  Refunded weight adjusted based on weight originally billed
y  Package Refund prorated based on shipment weight
z  Minimum oversize 1 weight applied
aa Minimum oversize 2 weight applied
ab Look up account surcharge applied
ac Manual processing fee applied
ad Shipment pricing
ae Single package rate applied to minimize charges
af Shipment Pricing Eligible, Single Piece Rates Applied
ag Minimum revenue per piece
ah Customer Supplied Weight
ai Non-Compliant Delivery Confirmation Signature rate applied
aj Non-Compliant Adult Signature rate applied
ak Returned Package part of shipment; Hundredweight Rates applied.
al Returned Package part of a shipment; Package Change Prorated from Original Shipment Change *(Freight Service) (Contractual Service)*
ag Minimum Weight Applied
ar Maximum Charge Applied
as Weight based on UPS Audit
at Promotional discount applied
au Less than 100% Payout *(Contractual Service)*
av Hundredweight Residential Surcharge Maximum Applied
aw Hundredweight Delivery Area Surcharge Maximum Applied
ax Voided Package Shipped
ay Original Account Canceled/Inactive
az Additional Handling – Actual Weight of Package is Greater than 70lbs
ba Large Package Minimum Billable Weight Applied
bb Large Package Minimum Billable Weight Adjustment based on UPS Audit
bc Custom Large Package Minimum Billable Weight Applied
bd Custom Large Package Minimum Billable Weight Adjustment based on UPS Audit
be Customer Not Eligible for large Package Minimum Billable Weight
bf Custom Dimensional Weight Applied
bg Custom Dimensional Weight Adjustment Based on UPS Audit

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ALL REVISIONS MUST BE COORDINATED WITH INFORMATION SERVICES.
bh  Customer Not Eligible for Dimensional Weight
bi  Large Package Surcharge Applied based on UPS Audit
c1  One time pickup refund, APO/FPO – need nonpostal address
c2  One time pickup refund, customer cancelled
c3  One time pickup refund, closed 3 times
c4  One time pickup refund, customer deceased
c5  One time pickup refund, customer didn’t order
c6  One time pickup refund, customer didn’t want
c7  One time pickup refund, duplicate – previously issued
c8  One time pickup refund, moved
c9  One time pickup refund, need apartment number
cw  One time pickup refund, need suite number
cb  One time pickup refund, no such city/town
cd  One time pickup refund, no such company/person
cd  One time pickup refund, no such number
cf  One time pickup refund, not in 3 times
cg  One time pickup refund, not ready 3 times
ch  One time pickup refund, out of business
ci  One time pickup refund, out of territory
cj  One time pickup refund, over 108 inches
ck  One time pickup refund, over 130 inches
c1  One time pickup refund, over weight limit
cm  One time pickup refund, too late – cancelled
cn  One time pickup refund, customer will keep shipment
vl  UPS Returns Label Voided
IA Automatic FLEX contract applied
  *(Contractual Service)*

1B Basic FLEX Applied as per the contract
  terms *(Contractual Service)*

1C FLEX insurance changed as per the
  contract terms *(Contractual Service)*

1D Expanded FLEX applied as per contract
  terms *(Contractual Service)*

1E Excess value insurance applied because
  no FLEX terms applied
  *(Contractual Service)*

1F Insured value provided exceeds
  maximum insured value amount
  allowed as per FLEX contract terms
  *(Contractual Service)*

1G FLEX insurance contract max exceeded,
  no insurance provided
  *(Contractual Service)*

JA Additional Charges Applied Based
  upon UPS Audit *(Overmax)*

MB Published maximum charge applied

<table>
<thead>
<tr>
<th>Pos.</th>
<th>Field Description</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>25-26</td>
<td>Reserved for future use</td>
<td>G Reserved for future use F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>00 Not Applicable</td>
</tr>
</tbody>
</table>

- Contact your UPS Account Representative with any questions regarding a Contractual Service.
N904  373  Date  O  1  DT 8/8
Date expressed as CCYYMMDD where CC represents the first
two digits of the calendar year

>>UPS Comments:
• Actual Pick-up Date in first iteration.
• If L112 contains 025 then N904 contains the Request Date
  for UPS On-Call Pickup\(^\text{SM}\) Requests.
• If L112 contains 020, then N904 contains the Original
  Invoice Date for AGSR. (Contractual Service)*
• If L112 contains 027, then N904 contains the RTS Date.
• If N907.04 contains 030, then N904 contains the Week
  Ending Date.
• If N907.04 contains 040 then N904 contains the Void Date.

N907  C040  Reference Identifier  O  1
To identify one or more reference numbers or identification
numbers as specified by the Reference Qualifier

C04001  128  Reference Identification Qualifier  M  ID 2/3
Code qualifying the Reference Identification
ZZ  Mutually Defined

>>UPS Comments:
UPS uses ‘ZZ’ as a placeholder.

C04002  127  Reference Identification  M  AN 1/50
Reference information as defined for a particular Transaction Set or as
specified by the Reference Identification Qualifier
CC  Contract Co-op Number

>>UPS Comments:
UPS uses CC to denote Collect

MX  Material Change Notice Number

>>UPS Comments:
UPS uses MX as a placeholder to denote Consignee
Billing or Adjustment Section. (C04001 is mandatory
according to the ANSI standards, so a value was chosen.
However, UPS assigns no meaning to MX; it is merely a
placeholder.)

PP  Purchase Order Revision Number

>>UPS Comments:
UPS uses PP to denote Prepaid (by Seller).

TP  Test Specification Number

>>UPS Comments:
UPS uses TP to denote Third Party Pay.
<table>
<thead>
<tr>
<th>C04003</th>
<th>128</th>
<th><strong>Reference Identification Qualifier</strong></th>
<th>X</th>
<th>ID 2/3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Code qualifying the Reference Identification</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ZZ</td>
<td>ZZ: Mutually Defined</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**UPS Comments:**
UPS uses ‘ZZ’ as a placeholder

<table>
<thead>
<tr>
<th>C04004</th>
<th>127</th>
<th><strong>Reference Identification</strong></th>
<th>X</th>
<th>AN 1/50</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**UPS Comments:**

**Outbound:**
001 Manifest
002 Shipping Record (ASD) Note: Non electronic PLD from customer.
003 Maxiship
004 UPS Online® Professional
005 Manifest EDI
006 Teleship
007 Host
008 Keyed PLD
009 Manifest Summary
010 UPS Online® Office
011 UPS WorldShip®
012 Vendor
013 UPS Connect
014 Hundredweight Pickup Record
015 Hundredweight Shipping Document
016 UPS Shipping Document
017 Worldwide Service
018 One Time Pickup
019 UPS Express Critical℠
020 Internet Shipping
021 Chargeback
022 UPS Express℠ COD
035 UPS World Ease℠ (Contractual Service)*
036 Local eCommerce Integration
037 XML Electronic Manifesting
038 UPS WorldShip® Intranet
041 UPS CampusShip™
042 UPS Online® Remote Shipping
043 UPS OnLine WorldShip®

**Inbound:**
023 Collect
024 Third Party
025 Consignee Billing (This code may appear more than once per invoice.)
026 Return Service
(This ends the Inbound category)
027  Information-Based Services
028  Adjustments & Other Charges (This code may appear more than once per invoice.)
029  Service Refund (This code may appear more than once per invoice.)
030  Fees
031  Service Charges
032  Fuel Escalation Surcharge
033  Currency Surcharge
034  Tax
039  UPS Packaging Supplies
040  Void Credits

- Contact your UPS Account Representative with any questions regarding a Contractual Service.

C04005  128  Reference Identification Qualifier  X  ID 2/3
Code qualifying the Reference Identification
ZZ  Mutually Defined

>>UPS Comments:
UPS uses ‘ZZ’ as a placeholder

C04006  127  Reference Identification  X  AN 1/50
Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

>>UPS Comments:
Presence of a ZZ Qualifier and Indicator signify that the following loop will contain additional information:
C  Indicates a non-prorated child of the shipment, no charges are contained.
I  Indicates information explaining the charges contained in the previous L1
P  Indicates a prorated child, and will contain charges
S  Indicates the beginning of a Multi piece shipment
Segment: **L5** Description, Marks and Numbers  
Position: 1400  
Loop: 0400 Optional  
Level: Detail  
Usage: Optional  
Max Use: 30  
Purpose: To specify the line item in terms of description, quantity, packaging, and marks and numbers

### Data Element Summary

<table>
<thead>
<tr>
<th>Ref.</th>
<th>Data Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>L501</td>
<td></td>
<td>213</td>
<td>Lading Line Item Number</td>
<td>O 1 N0 1/3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Sequential line number for a lading item</td>
<td></td>
</tr>
<tr>
<td>L502</td>
<td></td>
<td>79</td>
<td>Lading Description</td>
<td>O 1 AN 1/50</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Description of an item as required for rating and billing purposes</td>
<td></td>
</tr>
</tbody>
</table>

**>>UPS Comments:**  
*UPS uses L502 as a free form description on adjustments.*
Segment: **L0** Line Item – Quantity and Weight

**Position:** 1700

**Loop:** 0400 Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 10

**Purpose:** To specify quantity, weight, volume, and type of service for a line item including applicable “quantity/rate-as” data

**UPS Notes:** Contact your UPS Account Representative with any questions regarding a Contractual Service.

### Data Element Summary

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>L001</td>
<td>213</td>
<td>Lading Line Item Number</td>
<td>O 1 N0 1/3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>&gt;UPS Comment:</strong> Incremental sequential number.</td>
</tr>
<tr>
<td>L004</td>
<td>81</td>
<td>Weight</td>
<td>X 1 R 1/10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>&gt;UPS Comments:</strong> If L011 is populated then L004 contains the same weight defined in CD302.</td>
</tr>
<tr>
<td>L005</td>
<td>187</td>
<td>Weight Qualifier</td>
<td>X 1 ID ½</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>B  Billed Weight</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>L  Legal Weight</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>O  Excess Weight Over Maximum</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>U  Weight Per Unit</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>V  Non Transit Weight (On Transit Bills Only)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>W  Transit Weight (On Transit Bills Only)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Z  Mutually Defined</td>
</tr>
<tr>
<td>L008</td>
<td>80</td>
<td>Lading Quantity</td>
<td>X 1 N0 1/7</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>&gt;UPS Comments:</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• If L009 contains PCS, then L008 is the number of units (pieces) of the lading commodity.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• If L009 contains UNP, then L008 is the Billable Usage.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• If L009 contains UNT then L008 contains the Total Quantity Usage.</td>
</tr>
<tr>
<td>L009</td>
<td>211</td>
<td>Packaging Form Code</td>
<td>X</td>
</tr>
<tr>
<td>-------</td>
<td>-----</td>
<td>---------------------</td>
<td>----</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code for packaging form of the lading quantity</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>PCS</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Pieces</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>&lt;&lt;UPS Comments:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>UPS uses PCS to denote the code for the packaging form of the lading commodity.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>UNP</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Unpacked</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>&lt;&lt;UPS Comments:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>UPS uses UNP to denote the ‘total billable usage’ for a service charge.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>UNT</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Unit</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>&lt;&lt;UPS Comments:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>UPS uses UNT to denote the ‘total quantity usage’ for a service charge.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>L011</th>
<th>188</th>
<th>Weight Unit Code</th>
<th>O</th>
<th>1</th>
<th>ID 1/1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Code specifying the weight unit</td>
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<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>K</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Kilograms</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>L</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Pounds</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>L013</th>
<th>380</th>
<th>Quantity</th>
<th>X</th>
<th>1</th>
<th>R 1/15</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Numeric value of quantity</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>&lt;&lt;UPS Comments:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>If L014 contains PKG then L013 contains the original Package Quantity Information. (Contractual Service)*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>L014</th>
<th>211</th>
<th>Packaging Form Code</th>
<th>O</th>
<th>1</th>
<th>ID 3/3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Code for packaging form of the lading quantity</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>PKG</td>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Package</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>&lt;&lt;UPS Comments:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>UPS uses PKG to denote the code for the Original Package Quantity Information. (Contractual Service)*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Contact your UPS Account Representative with any questions regarding a Contractual Service.

<table>
<thead>
<tr>
<th>L015</th>
<th>1073</th>
<th>Yes/No Condition or Response Code</th>
<th>X</th>
<th>1</th>
<th>ID 1/1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Code indicating a Yes or No condition or response</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Y</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>&lt;&lt;UPS Comments:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>If L013 is populated, then L015 contain a “Y”.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Segment: **L1** Rate and Charges

Position: 1800
Loop: 0400 Optional
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify rate and charges detail relative to a line item including freight charges, advances, special charges, and entitlements

**UPS Notes:** The L104 in this L1 Segment will contain the UPS Gross, Incentive and / or Accessorial Charges. For additional codes that are “Section Specific” refer to Appendix – L1.
This L1 Segment may exceed the Max. Use of 10.
For a more detailed description of the relationship between L108 and L112 see the Appendix.
Contact your UPS Account Representative with any questions regarding a Contractual Service.

### Data Element Summary

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>L101</td>
<td>213</td>
<td>Lading Line Item Number</td>
<td>O 1 N0 1/3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sequential line number for a lading item</td>
<td></td>
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<tr>
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<td></td>
<td>&gt;&gt;&gt;UPS Comments:</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>Incremental sequential number.</td>
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<tr>
<td>L104</td>
<td>58</td>
<td>Charge</td>
<td>X 1 N2 1/12</td>
</tr>
<tr>
<td></td>
<td></td>
<td>For a line item: freight or special charge; for the total invoice: the total charges -- expressed in the standard monetary denomination for the currency specified</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt;&gt;&gt;UPS Comments</td>
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</tr>
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<td></td>
<td></td>
<td>Element includes Gross, Incentive or Accessorial Charges.</td>
<td></td>
</tr>
<tr>
<td>L108</td>
<td>150</td>
<td>Special Charge or Allowance Code</td>
<td>O 1 ID 3/3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code identifying type of special charge or allowance</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt;&gt;&gt;UPS Comments</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>UPS uses the following ANSI codes to denote the following custom codes for special charge or allowance descriptions:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>010 Delivery Area Surcharge</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>020 Address Correction</td>
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<tr>
<td></td>
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<td>027 Branded Packaging</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>100 Fuel Surcharge UPS Express Critical&lt;sup&gt;SM&lt;/sup&gt; - Air</td>
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<td></td>
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<td>140 Call Tag</td>
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<td>230 Credit</td>
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<td>240 Brokerage</td>
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<td>245 Customs Fee</td>
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<td>260 Delivery Surcharge</td>
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<td></td>
<td>275 Incentive</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>285 Fuel Incentive UPS Express Critical&lt;sup&gt;SM&lt;/sup&gt; Ground</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>290 Fuel Incentive UPS Express Critical&lt;sup&gt;SM&lt;/sup&gt; - Air</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>295 Fuel Incentive</td>
<td></td>
</tr>
</tbody>
</table>
300  Credit Extension
310  Dry Ice in US/PR and Dangerous Goods for Non-US/PR Countries
315  Split Duty
395  Duty and Tax Forwarding Surcharge
400  Transportation Charges
405  Fuel Surcharge UPS Express Critical℠ Ground
445  FLEX Insurance *(Contractual Service)*
485  Quantum View℠ Ship
505  Missing/Invalid Account Charge
520  Shipping Charge Correction - Oversize
540  Saturday Pickup Surcharge
586  Billing Option Charge on Waybill
610  Electronic Filing of SED (AES)
665  Saturday Delivery
670  Saturday Pickup Service Charge
675  Extra Security Surcharge
680  Shipping Charge Correction - Incorrect Service Code
685  Special Delivery
690  Additional Handling
695  Special Pick-up
720  UPS On-Call Pickup℠: Future Date Phone Request
760  Invoice Match and Attach
AAJ  Adjustments and Other Charges
AAM  AAM to denote Additional Packages
ADH  Advance Charges Handling
ACF  Alaska and Hawaii Shipment
ADV  Delivery Confirmation - Adult Signature Required
AFC  Shipping Charge Correction - Incorrect COD
AIR  Transportation Charges – UPS Express Critical℠
ALC  UPS On-Call Pickup℠: Future Date WEB Request
BAB  Broker of Choice
BKA  Over Max Size Surcharge
BYD  Remote On - Demand Pickup
CAV  Constant Surveillance
CDF  Voids Credit
CNS  UPS World Ease℠
COD  C.O.D. Charge
CON  UPS Express Critical℠ Confirmation Charges
COU  Consignee Billing Codes
CPE  UPS On-Call Pickup℠: Same Day WEB Request
CSC  Packaging Supplies - Phone Surcharge
CUA  Currency Surcharge
DEL  Delivery Charge
DLH  UPS Express Critical℠ - Delivery Attempt Charge
DOC  Delivery Confirmation- Signature Required Non Compliant Label
DTC  Extended Destination Surcharge
DTU  UPS Express Critical℠ - Delivery Mileage

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ALL REVISIONS MUST BE COORDINATED WITH INFORMATION SERVICES.
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>EIC</td>
<td>Export License Surcharge</td>
</tr>
<tr>
<td>ECC</td>
<td>Intercept - Will Call</td>
</tr>
<tr>
<td>ERT</td>
<td>Return Service - Early Return Label</td>
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<tr>
<td>ESC</td>
<td>UPS Express Critical℠ - Early Delivery Premium</td>
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<tr>
<td>EVC</td>
<td>Declared Value Charge</td>
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<tr>
<td>EXL</td>
<td>Shipping Charge Correction - Oversize Limit</td>
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<tr>
<td>EXM</td>
<td>Excess Mileage Charge</td>
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<tr>
<td>EXP</td>
<td>UPS Express Critical℠ - Extra Pieces Charge</td>
</tr>
<tr>
<td>EXW</td>
<td>Shipping Charge Correction - Oversize Weight</td>
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<tr>
<td>FAH</td>
<td>FLEX Insurance - Time in Transit <em>(Contractual Service)</em></td>
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<tr>
<td>FCB</td>
<td>Hundredweight Residential Surcharge</td>
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<tr>
<td>FCD</td>
<td>Hundredweight Delivery Area Surcharge</td>
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<tr>
<td>FF1</td>
<td>Fees</td>
</tr>
<tr>
<td>FFR</td>
<td>Flex Insurance – Basic <em>(Contractual Service)</em></td>
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<tr>
<td>FUE</td>
<td>Fuel Surcharges</td>
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<tr>
<td>FTC</td>
<td>FTZ Intransit Entry</td>
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<tr>
<td>GSS</td>
<td>UPS Express Critical℠ Commercial Airline Security</td>
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<tr>
<td>HAN</td>
<td>Hazardous Materials (Other)</td>
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<tr>
<td>HAZ</td>
<td>Hazardous/Dangerous Goods (Class 9)</td>
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<tr>
<td>HDG</td>
<td>UPS Express Critical℠ Overnight Holding Charge</td>
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<tr>
<td>HOC</td>
<td>UPS Express Critical℠ Holiday Rate Charge</td>
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<tr>
<td>IAA</td>
<td>IAA to denote Intransit Entry</td>
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<tr>
<td>IAC</td>
<td>Shipping Charge Correction - Inspection Fee</td>
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<td>IDL</td>
<td>Inside Delivery</td>
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<tr>
<td>IPU</td>
<td>Inside Pick-up</td>
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<tr>
<td>LAA</td>
<td>Manual Processing Fee</td>
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<tr>
<td>LDG</td>
<td>Large Package Surcharge</td>
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<td>LGD</td>
<td>Over Max Length Surcharge</td>
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<tr>
<td>LPC</td>
<td>Late Payment Charge</td>
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<tr>
<td>MES</td>
<td>Mexico Surcharge</td>
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<tr>
<td>MNC</td>
<td>UPS Express Critical℠ - Miscellaneous Charge</td>
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<tr>
<td>MSC</td>
<td>Shipping Charge Correction - Other</td>
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<tr>
<td>MSG</td>
<td>Any other charges not itemized elsewhere</td>
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<tr>
<td>MVT</td>
<td>UPS Express Critical℠ - Extra Labor (Helper) Charge</td>
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<tr>
<td>NDS</td>
<td>Delivery Confirmation - Adult Signature Required - Non Compliant Label Surcharge</td>
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<tr>
<td>NFY</td>
<td>Quantum View Notify℠</td>
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<tr>
<td>NYD</td>
<td>New York Surcharge</td>
</tr>
<tr>
<td>OAB</td>
<td>Over Max Weight Surcharge</td>
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<td>ODF</td>
<td>Shipping Charge Correction - Missing C.O.D.</td>
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<tr>
<td>OOF</td>
<td>Flat Amount Per Shipment</td>
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<tr>
<td>OPC</td>
<td>UPS Express Critical℠ - Overtime Customs Charge</td>
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<tr>
<td>OSC</td>
<td>Return Services 3 Pickup Attempts</td>
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<tr>
<td>OUT</td>
<td>UPS Express Critical℠ - Out Charge</td>
</tr>
<tr>
<td>OVR</td>
<td>Shipping Charge Correction - Over Dimension</td>
</tr>
<tr>
<td>PAA</td>
<td>Percent of Billed Charge</td>
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<tr>
<td>PAI</td>
<td>Packaging Supplies – Special Sales Discount Promotion</td>
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<tr>
<td>PDY</td>
<td>UPS Returns Pickup Request</td>
</tr>
<tr>
<td>PMR</td>
<td>Return Services - Print and Mail</td>
</tr>
</tbody>
</table>

*(Contractual Service)*
PMS  Intercept - Same Day Will Call  
PMT  UPS On-Call Pickup<sup>SM</sup>: Same Day Phone Request  
PMU  UPS Express Critical<sup>SM</sup>: Packaging Charge  
PMX  UPS Express Critical<sup>SM</sup> – P.M. After Hours Charge  
PNA  Previous Incentive – Call Tag Refund  
POD  Proof of Delivery  
PPO  Per Consignee Accessorial Charge – UPS World Ease<sup>SM</sup> (Contractual Service)*  
PUD  UPS Express Critical<sup>SM</sup> - Pickup Attempt Charge  
PWH  UPS Express Critical<sup>SM</sup>- Pickup Mileage Charge  
QAA  UPS World Ease<sup>SM</sup> - Per Package Surcharge  
RAH  Retender Charge  
RCA  Canada Residential Surcharge  
RCL  Intercept - Reschedule Delivery  
RDC  Intercept - Redirect Package  
REC  Return Services Codes  
REP  Residential Surcharge  
RES  Residential / Commercial Adjustments  
RET  Web Return Label  
RFD  Service Invoice Refund Codes  
RGC  Delivery Confirmation Response Fee (U.S.)  
RLC  UPS Express Critical<sup>SM</sup> - Yellow Alert Charge  
RLQ  Delivery Confirmation Response Fee (International)  
RSP  Return Label Surcharge  
RSS  Return Services One Attempt  
RTC  Intercept - Return to Shipper  
SAC  Weekly Service Charges  
SAF  Service Refund  
SAH  Print Return Label  
SCC  Shipping Charge Correction Adjustments (Contractual Service)*  
SCL  Set Amount Per Kilo  
SEC  Flatbed Tractor Trailer / K-Van<sup>®</sup> Charge  
SER  Flat Amount Per Piece  
SPS  Information Based Services  
SSL  Shipper Paid Declared Value  
STC  Delivery Confirmation Signature Fee (International)  
STG  Standard Pickup  
STL  Standard Delivery  
SUC  Early A.M. Surcharge  
SUR  Delivery Confirmation Signature Fee (U.S.)  
SWC  UPS Express Critical<sup>SM</sup> - Switching Charge  
TAX  Tax Charge  
TCM  UPS Packaging Supplies – Transportation Charge  
TER  Team Service  
TOC  UPS Express Critical<sup>SM</sup> – Tolls Charge  
TRA  Transborder Fee  
TRC  UPS Express Critical<sup>SM</sup> – Special Vehicle Rental Charge  
TRN  UPS Express Critical<sup>SM</sup> - International Tranship Charge
TTT Chargeback Surcharge / Third Party / Freight Collect
WAT Proactive Response
WFH UPS Express CriticalSM - Weekend Charge
WTG UPS Express CriticalSM - Wait Charge
ZZZ Shipping Charge Correction - Weight Difference

>>UPS Comments
For additional codes that are “Section Specific” refer to Appendix – L1.
* Contact your UPS Account Representative with any questions regarding a Contractual Service.

L112 276 Special Charge Description
Identification of special charge; this data element is used whenever an applicable code cannot be found in data element 150

>>UPS Comments
UPS uses the following custom codes for special charge descriptions:

000 Not Applicable
001 Consignee Billing Charges
002 Consignee Billing Credit
003 Authorized Return Service® (Contractual Service)*
005 Pickup Charges
007 Address Correction
008 Hazardous Materials (Contractual Service)*
009 Saturday Delivery
010 Packages Delivered but not Previously Billed
011 COD Charges Not Billed
012 Miscellaneous
013 Fax Proof of Delivery
014 Billing Adjustment
015 Residential/Commercial Adjustments
015O Residential/Commercial Adjustments Original Charge
015C Residential/Commercial Adjustments Corrected Charge
016 Shipping Charge Correction
016O Shipping Charge Correction Original Charge
016C Shipping Charge Correction Corrected Charge
017 Call Tag
018 Delivery Confirmation
019 Call Tag Refund
020 Automatic Guaranteed Service Refund (Contractual Service)*
021 Guaranteed Service Refund
022 Saturday Pickup Adjustments
023 UPS On-Call PickupSM Adjustments - Air
023O UPS On-Call PickupSM Adjustments - Air (Daily Pickup Rate)
023C UPS On-Call PickupSM Adjustments – Air (On Call Air Pickup Rate)
024 UPS On-Call Pickup\textsuperscript{SM} Request Adjustments – Ground & 3 Day Select
025 UPS On-Call Pickup\textsuperscript{SM} Requests
026 World Ease\textsuperscript{SM} Third Party (Contractual Service)*
027 Undeliverable Returns
033 GST
034 PXS
035 HST
036 QST
037 (Reserved for future use)
038 Transportation
039 Label Surcharge
040 UPS Returns\textsuperscript{SM} on the WEB Transportation
041 UPS Returns\textsuperscript{SM} on the WEB Label Surcharges
042 Notification
043 Quantum View\textsuperscript{SM} Data Outbound
044 Quantum View\textsuperscript{SM} Data Inbound
045 UPS Returns\textsuperscript{SM} on the WEB
046 Adult Signature Required Not Billed
047 UPS Trade Ability\textsuperscript{TM}
048 Quantum View Notify\textsuperscript{SM}
049 Saturday Delivery Charges Not Billed
050 Void Manifest
051 Void Internet
060 Delivery Confirmation Not Billed
061 Delivery Confirmation Signature Required Not Billed
062 UPS Packaging Supplies Order Details
063 UPS Packaging Supplies Items Returned
064 Hundredweight Residential Adjustments
065 Hazardous Materials Charges Not Billed
066 Delivery Intercepts
101 Credit Extension Fee
102 Late Payment Fee
103 Returned Payment Fee
104 Procurement Card Reject Fee
105 Procurement Card Maintenance Fee
106 Export License Verification Fee
201 Economy Pickup Service Charge
202 Saturday Pickup Service Charge
203 Consignee Billing Saturday Pickup Service Charge
204 Consignee Billing On Demand Pickup Service
205 Weekly Service Charge

* Contact your UPS Account Representative with any questions regarding a Contractual Service.

L121 610 Amount O 1 N2 1/15

Monetary amount

>>UPS Comments
Package Count for Accessorials
If L108 pertains to UPS Express Critical\textsuperscript{SM}, L121 may contain the Pickup or Delivery Mileage.
L122  148  Lading Value
Value of shipment for export, expressed in the standard monetary denomination for the currency specified

>>UPS Comments
Declared Value Charges
Segment: **L4 Measurement**

**Position:** 1900

**Loop:** 0400 Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 10

**Purpose:** To describe physical dimensions and quantities

**UPS Notes:** This L4 Segment is used for Shipping Charge Correction Adjustments and Packages Delivered but, Not Previously Billed.

### Data Element Summary

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
<th>Length</th>
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<td>82</td>
<td>Length</td>
<td>M</td>
<td>1</td>
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<tr>
<td></td>
<td></td>
<td>Largest horizontal dimension of an object measured when the object is in the upright position</td>
<td></td>
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<tr>
<td>L402</td>
<td>189</td>
<td>Width</td>
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<td>1</td>
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<tr>
<td></td>
<td></td>
<td>Shorter measurement of the two horizontal dimensions measured with the object in the upright position</td>
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<td></td>
</tr>
<tr>
<td>L403</td>
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<td>Height</td>
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<tr>
<td></td>
<td></td>
<td>Vertical dimension of an object measured when the object is in the upright position</td>
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<tr>
<td>L404</td>
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<td>Measurement Unit Qualifier</td>
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<td>Code specifying the linear dimensional unit</td>
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<td>Centimeters</td>
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<td>Inches</td>
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<td>L405</td>
<td>380</td>
<td>Quantity</td>
<td>O</td>
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<td></td>
<td></td>
<td>Numeric value of quantity</td>
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</tr>
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</table>

>>**UPS Comments:**
- If L405 is populated, it contains the Scale Weight (this is not the Billed Weight).
- The Scale Weight will only appear in Shipping Charge Correction Adjustments and Packages Delivered, but, Not Previously Billed.
Segment: **N1** Name
Position: 2400
Loop: 0460 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code

**UPS Notes:** *Contact your UPS Account Representative with any questions regarding a Contractual Service.*

---

### Data Element Summary

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
<th>Attributes Name</th>
<th>Attributes Value</th>
<th>Attributes Value</th>
<th>Attributes Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>N101</td>
<td>98</td>
<td>Entity Identifier Code</td>
<td></td>
<td>Code identifying an organizational entity, a physical location, property or an individual</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**CN** Consignee

**UPS Comments:**
UPS uses CN to denote the Receiver ("Importer of Record" on Worldwide Service Bills).

**KN** Former Address

**UPS Comments:**
- UPS uses KN to denote Original Address in the Address Correction Section.
- UPS uses KN to denote the Recorded Address as it appears in the Delivery Intercept Section.

**OB** Ordered By

**UPS Comments:**
UPS uses OB to denote UPS Packaging Supplies Ordered By or If UPS Express Critical\textsuperscript{SM}, OB denotes Authorized By.

**PU** Party at Pick-up Location

**UPS Comments:**
UPS uses PU to denote Pickup Location Address for UPS Express Critical\textsuperscript{SM}.

**RB** Receiving Bank

**UPS Comments:**
UPS uses RB to denote the Returned By.

**RF** Refinery

**UPS Comments:**
UPS uses RF to denote Returned From.
RQ  Resale Customer
   >>UPS Comments:
   UPS uses RQ to denote the Requestor.

RT  Returned to (Contractual Service)*

SA  Sold to Name
   >>UPS Comments:
   Future Use

SH  Shipper
   >>UPS Comments:
   UPS uses SH to denote the sender.

ST  Ship To

UC  Ultimate Consignee
   >>UPS Comments:
   UPS uses UC to denote Delivery Name in UPS Express Critical™.

YE  Third Party
   >>UPS Comments:
   UPS uses YE to denote Third Party (Requestor on Return Services).

ZA  Corrected Address
   >>UPS Comments:
   UPS uses ZA to denote the Corrected Address as it appears in the Address Correction Section AND in the Delivery Intercept Section.

ZZ  Mutually Defined
   >>UPS Comments:
   UPS uses ZZ as a placeholder.

   * Contact your UPS Account Representative with any questions regarding a Contractual Service.

   ** Contact your UPS Account Representative with any questions regarding a Contractual Service.

   N102 93 Name
   Free-form name
   >>UPS Comments:
   If Name Data is not being passed, NA must be passed in this element.
Segment: N2 Additional Name Information
Position: 2500
Loop: 0460 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify additional names

Data Element Summary

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<th>Data Des.</th>
<th>Element</th>
<th>Name</th>
<th>Attributes</th>
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<tr>
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<td>93</td>
<td>Name</td>
<td></td>
<td>M 1 AN 1/60</td>
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</table>

Free-form name

>>UPS Comments:

N201 may contain, if applicable Additional Name
Segment: **N3** Address Information  
Position: 2600  
Loop: 0460 Optional  
Level: Detail  
Usage: Optional  
Max Use: 2  
Purpose: To specify the location of the named party  

**UPS Notes:** *This segment can be used for Original / Corrected Address Information.*

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
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<tbody>
<tr>
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<td>Address Information</td>
<td>M 1 AN 1/55</td>
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<td></td>
<td></td>
<td>Address information</td>
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<tr>
<td>N302</td>
<td>166</td>
<td>Address Information</td>
<td>O 1 AN 1/55</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Address information</td>
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</tbody>
</table>

**>>UPS Comments:**  
Additional address information, if available
Segment: N4 Geographic Location

Position: 2700
Loop: 0460 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party

### Data Element Summary

<table>
<thead>
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<th>Data Element</th>
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<th>Attributes</th>
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<td>Free-form text for city name</td>
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</tr>
<tr>
<td>N402</td>
<td>156</td>
<td>State or Province Code</td>
<td>X 1 ID 2/2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code (Standard State/Province) as defined by appropriate government agency</td>
<td></td>
</tr>
<tr>
<td>N403</td>
<td>116</td>
<td>Postal Code</td>
<td>O 1 ID 3/15</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code defining international postal zone code excluding punctuation and blanks (zip code for United States)</td>
<td></td>
</tr>
<tr>
<td>N404</td>
<td>26</td>
<td>Country Code</td>
<td>X 1 ID 2/3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code identifying the country</td>
<td></td>
</tr>
<tr>
<td>N405</td>
<td>309</td>
<td>Location Qualifier</td>
<td>X 1 ID 1/2</td>
</tr>
</tbody>
</table>
|          |              | Code identifying type of location
|          |              | A1 Office                   |            |
|          |              | >>> UPS Comments:           |            |
|          |              | UPS uses A1 to denote the Requestor’s Email Address | |
| N406     | 310          | Location Identifier         | O 1 AN 1/30|
|          |              | Code which identifies a specific location
|          |              | >>> UPS Comments:           |            |
|          |              | If N405 contains a value of A1 then N406 contains the Requestor’s Email Address | |
Segment: N9   Reference Identification
Position: 2800
Loop: 0460   Optional
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

**UPS Notes:** This N9 Segment can repeat up to 7 times.

### Data Element Summary

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>N901</td>
<td>128</td>
<td>Reference Identification Qualifier</td>
<td>M 1 ID 2/3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code qualifying the Reference Identification</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>CR Customer Reference Number</td>
<td></td>
</tr>
<tr>
<td>N902</td>
<td>127</td>
<td>Reference Identification</td>
<td>X 1 AN 1/50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>&gt;&gt;UPS Comments:</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>If N901 contains a value of CR then N902 contains the Customer’s Reference Number.</td>
<td></td>
</tr>
<tr>
<td>N903</td>
<td>369</td>
<td>Free-form Description</td>
<td>X 1 AN 1/45</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Free-form descriptive text</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>&gt;&gt;UPS Comments:</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>If N901 contains a value of CR then N903 contains the descriptive type of the reference field as defined in N902.</td>
<td></td>
</tr>
</tbody>
</table>
Segment: **CD3** Carton (Package) Detail
Position: 3000
Loop: 0463  Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit identifying codes, weights, and other related information related to an individual carton (package)

**UPS Notes:** *Contact your UPS Account Representative with any questions regarding a Contractual Service*

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>CD301</td>
<td>187</td>
<td>Weight Qualifier</td>
<td>X 1 ID 1/2</td>
</tr>
</tbody>
</table>

- **Code defining the type of weight**
  - **A** Consolidated Weight
    - **UPS Comments:** UPS uses A to denote the Total Shipment Weight.
  - **A1** Dimension Weight
  - **B** Billed Weight
  - **E** Estimated Net Weight
  - **G** Gross Weight
    - **UPS Comments:** UPS uses G to denote Recorded Weight. (Shipping Charge Correction Adjustment)
  - **M** Minimum Weight
  - **N** Actual Net Weight
    - **UPS Comments:** UPS uses N to denote Corrected Weight. (Shipping Charge Correction Adjustment)
  - **O** Customer Supplied Weight
  - **S** State Weight
    - **UPS Comments:** UPS uses S to denote Oversize 2 Weight.
  - **U** Weight Per Unit
  - **V** Non Transit Weight (On Transit Bills Only)
  - **W** Transit Weight (On Transit Bills Only)
Y  Theoretical Weight

>>UPS Comments:
UPS uses Y to denote Oversize 1 Weight.

Z  Mutually Defined

>>UPS Comments:
CD301 will only contain G or N when L112 (Loop 0400, Position 1800) contains 016O or 016C (Shipping Charge Correction) and N907.04 (Loop 400, Position 1300) is 028 (Adjustments and Other Charges).

CD302  81  Weight

X  1  R 1/10

Numeric value of weight

>>UPS Comments:
• If CD301 is A, then CD302 contains the Total Shipment Weight.
• If CD301 is A1, then CD302 contains the Dimension Weight.
• If CD301 is B, then CD302 contains the Weight of Package, if Letter, weight is zero (0).
• If CD301 is G then CD302 contains the Recorded Weight.
• If CD301 is M, then CD302 contains the Minimum Weight.
• If CD301 is N then CD302 contains the Corrected Weight
• If CD301 is S, then CD302 contains the Oversize 2 Weight.
• If CD301 is Y, then CD302 contains the Oversize 1 Weight
• If CD301 is Z, then CD302 contains a zero (0) because, according to the ANSI standards, if either CD301 or CD302 is present, then the other is required.

CD303  619  Zone

O  1  AN 2/3

To identify zone

>>UPS Comments:
UPS Zone
• If CD301 is G then CD303 contains the Recorded Zone.
• If CD301 is N then CD303 contains the Corrected Zone.

CD304  34  Service Standard

O  1  N1 1/4

To report the time period of carrier's standard service for the shipment

>>UPS Comments:
Delivery Modes:
0  Not Applicable
1  UPS Worldwide Express℠
2  UPS Worldwide Expedited℠
3  UPS 3 Day Select℠ (Standard in Canada)
4  UPS Next Day Air Saver® (UPS Express Saver℠ in Canada)
5  Early A.M. ® (Express Early A.M. ® in Canada)
6  UPS Worldwide Express℠ / International Express℠ Plus
7  All modes
8  Charter
9  Hand Carry
10  Door to Door
11  Hold for Pickup
12  Retrieval
13  Drive
14  Second Stop
15 Transborder UPS 3 Day Select from Canada™
16 Package (Charge type for shipment notification)
17 Shipment (Charge type for shipment notification)
18 UPS Express Critical™ - Parts Planning
19 UPS Express Critical™ - Mission Critical
20 UPS Express Critical™ - Warehouse Transfer
21 UPS Express Critical™ - Warehouse Re-label
22 Quantum View™ Ship Notification
23 Quantum View™ Exception Notification
24 Quantum View™ Delivery Notification
25 UPS 2nd Day Air A.M.™
26 UPS Express Critical™ - 9 A.M. Service
27 Pull Stock
28 Pull Stock Overnight Service
29 Pull Stock UPS Service
30 Customer Will Pick Up
31 Swapout
32 Storage
33 Auxiliary Charges
34 Restock
35 Repair Detail
37 Proactive Ship Notification - Fax
38 Ship Notification
39 Ship Notification - Email
40 Return Notification
41 Return Notification - Email
42 Inbound Notification
43 Delivery Notification
44 Inbound Subscription Fee
45 Inbound Usage
46 Inbound Delivery Subscription Fee
47 Inbound Delivery Usage
48 Outbound Notification
49 Exception Notification
50 Outbound Subscription Fee
51 Outbound Usage
52 Outbound Exception Subscription Fee
53 Outbound Exception Usage
54 Outbound Delivery Subscription Fee
55 Outbound Delivery Usage
56 UPS Returns™ on the WEB Subscription/Usage Fee
57 UPS Returns™ on the WEB Subscription Fee
58 UPS Returns™ on the WEB Usage
59 Complimentary Usage
60 Domestic Inventory Transfer Overnight – UPS Express Critical™
61 Domestic Customer Pickup - UPS Express Critical™
62 Warehouse Packaging - UPS Express Critical™
63 UPS TradeAbility™ Usage
64 UPS TradeAbility™ Doc Generator
65 UPS TradeAbility™ Doc Generator Subscription Fee
66 UPS TradeAbility™ Doc Generator Billable Usage
67 UPS TradeAbility™ Export License Detector
68 UPS TradeAbility™ Export License Detector Subscription Fee
69 UPS TradeAbility™ Export License Detector Billable Usage
<table>
<thead>
<tr>
<th>CD305</th>
<th>Service Level Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>284</td>
<td>X 1 ID 2/2</td>
</tr>
</tbody>
</table>

Code indicating the level of transportation service or the billing service offered by the transportation carrier.

**ND** Next Day Air

**PM** PM

**SC** Second Day Air

**SG** Standard Ground

**ST** Standard Class

**ZZ** Mutually Defined

**>>UPS Comments:**
UPS uses ND to denote UPS Next Day Air® (Express® in Canada).

UPS uses PM to denote UPS Mail Logic®.

UPS uses SC to denote UPS 2nd Day Air® (Expedited in Canada).

UPS uses SG to denote UPS Ground.

UPS uses ST to denote Basic Service. *(Contractual Service)*

Mutually Defined

**>>UPS Comments:**
- If CD301 is G, then CD305 contains the Recorded Service Level Code; see CD304 for UPS custom code values.
- If CD301 is N, then CD305 contains the Corrected Service Level Code; see CD304 for UPS custom code values.
  
  If CD305 contains ZZ, then CD304 is MANDATORY for UPS.

*Contact your UPS Account Representative with any questions regarding a Contractual Service.*
Segment: **N9** Reference Identification

Position: 3100
Loop: 0463 Optional
Level: Detail
Usage: Optional
Max Use: 20
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

**UPS Notes:** Contact your UPS Account Representative with any questions regarding a Contractual Service

### Data Element Summary

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
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<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>N901</td>
<td>128</td>
<td>Reference Identification</td>
<td>M 1 ID 2/3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Qualifier</td>
<td></td>
</tr>
</tbody>
</table>

Code qualifying the Reference Identification

- **08** Carrier Assigned Package Identification Number

>>**UPS Comments:**

N901 will only contain 08 when L112 (Loop 0400, Position 1800) contains 003 (UPS Authorized Return Service®). *(Contractual Service)*

- **2I** Tracking Number

>>**UPS Comments:**

UPS uses 2I to denote any overflow Tracking Numbers from the N9 Segment located at Position 1300, Loop 0400.

- **AN** Associated Purchase Orders

>>**UPS Comments:**

UPS uses AN to denote the Original Recorded Account Number

- **CA** Cost Allocation Reference

- **CO** Customer Order Number

>>**UPS Comments:**

UPS uses CO to denote the Corrected UPS On-Call Pickup℠ Request.

- **EC** Circular

>>**UPS Comments:**

UPS uses EC to denote UPS Exchange Collect℠ *(Contractual Service)*

- **OC** Ocean Container Number

>>**UPS Comments:**

UPS uses OC to denote UPS On-Call Pickup℠ Request.
OS  Outbound-from Party

>>UPS Comments:
UPS uses OS to denote the UPS Original On-Call PickupSM Request.

RC  Rail Routing Code

>>UPS Comments:
UPS uses RC to denote Reason Code.

N902 127 Reference Identification  X  1 AN 1/50
Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

>>UPS Comments:
- If N901 is 08, then N902 contains UPS Authorized Return Service® Tracking Number. (Contractual Service)*
- If N901 is 2I, then N902 contains the overflow Tracking Numbers from the previous N9 Loop (located at Position 1300, Loop 400).
- If N901 contains AN, then N902 contains the Original Recorded Account Number.
- If N901 is CA, then N902 contains the Original Account Number.
- If N901 is CO, then N902 contains the Corrected UPS On-Call PickupSM Request
- If N901 is OC, then N902 contains the UPS On-Call PickupSM Request.
- If N901 is OS, then N902 contains the Original UPS On-Call PickupSM Request.
- If N901 is ZZ, then N902 is not used
- If N901 is CO, EC, OC or OS, then N902 contains the following in the position(s) indicated:

<table>
<thead>
<tr>
<th>Pos.</th>
<th>Field Description</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-1</td>
<td>Res/Com Indicator for UPS On-Call PickupSM Requests</td>
<td>0 Not Applicable C Commercial R Residential</td>
</tr>
<tr>
<td>2-2</td>
<td>Service Type</td>
<td>0 Not Applicable G Ground T UPS 3-Day SelectSM</td>
</tr>
<tr>
<td>3-4</td>
<td>UPS On-Call PickupSM Type or UPS Exchange CollectSM</td>
<td>00 Not Applicable EX UPS Exchange CollectSM (Contractual Service)* FP Future Day Pickup – Phone Request FW Future Day Pickup – Web Request SD S.D.P. (Same Day Pickup for Ground and UPS 3 Day SelectSM Shipping Documents) SP Same Day Pickup – Phone Request SW Same Day Pickup – Web Request</td>
</tr>
</tbody>
</table>
• If N901 is RC, then N902 contains one of the following UPS Reason Codes:
  08  Longest side exceeds 60 in/152 cm
  09  Second longest side exceeds 30 inches
  10  Bill to Account Number Refused to Pay
  11  Not Encased in Cardboard Container
  12  Additional Handling - Actual Weight of Package is Greater than 70 Pounds / 32 kgs
  30  Customer requested in-transit intercept and return
  33  Billing option selected is not available
  37  Customer requested in-transit intercept and return
  39  Customer Requested Hold for Pick Up at UPS Facility
  46  Service selected not available to destination
  47  Destination address is not currently served by UPS
  49  Not in 3
  52  No Money 3
  54  Package not picked up by consignee at UPS facility
  60  Bill to Account Number Refused Charges
  63  Bill to Account Number is Cancelled
  64  Bill to Account Number is Not Valid
  66  Bill to Account Number is Not Valid (WEB)
  67  Bill to Account Number is Missing/Not Valid
  68  EU to EU billed to Non EU
  69  Domestic billed to second country
  71  Missing VAT ID for Third Party EU Bill To
  78  Customer Requested UPS to Intercept a Pkg.
  80  C.O.D. confirmation not rec’d within sched. time
  89  Customer requested in-transit intercept and return
  91  C.O.D. tag was illegible, invalid, or altered
  95  Undeliverable- Address requires security clearance
  99  Package Undeliverable
  A5  The Building Burned - Package Undeliverable
  A6  PO Box
  A7  Moved
  A8  Need Apartment #
  A9  Unable to obtain directions to delivery address
  AA  Need Suite #
  AB  Receiver is not listed in building directory
  AC  Incorrect City
  AD  No Such Person
  AE  No Such Number
  AF  No Such Street
  AG  Incomplete Address
  AK  Incorrect State
  AL  Incorrect Zip
  AM  Cancelled Order
<table>
<thead>
<tr>
<th>AN</th>
<th>Duplicate Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP</td>
<td>Had No Invoice</td>
</tr>
<tr>
<td>AQ</td>
<td>No CODs Accepted</td>
</tr>
<tr>
<td>AR</td>
<td>Too Expensive</td>
</tr>
<tr>
<td>AS</td>
<td>Shipped Too Late</td>
</tr>
<tr>
<td>AT</td>
<td>Receiver requested UPS delay delivery</td>
</tr>
<tr>
<td>AV</td>
<td>Rural Route Street Name/Number Assigned</td>
</tr>
<tr>
<td>AW</td>
<td>Rural route address - Street has not been assigned</td>
</tr>
<tr>
<td>AX</td>
<td>Receiver is on vacation</td>
</tr>
<tr>
<td>AY</td>
<td>Closed on 3rd Attempt, Not Delivered</td>
</tr>
<tr>
<td>AZ</td>
<td>Receiver is on a holiday</td>
</tr>
<tr>
<td>BY</td>
<td>Package not picked up by receiver at UPS facility</td>
</tr>
<tr>
<td>BZ</td>
<td>Package abandoned</td>
</tr>
<tr>
<td>C4</td>
<td>The receiver is deceased</td>
</tr>
<tr>
<td>C5</td>
<td>Emergency Conditions Beyond UPS’ Control</td>
</tr>
<tr>
<td>C7</td>
<td>Unable to obtain C.O.D. info required for delivery</td>
</tr>
<tr>
<td>C8</td>
<td>Receiver Out of Business</td>
</tr>
<tr>
<td>C9</td>
<td>Package exceeds the maximum length accepted</td>
</tr>
<tr>
<td>CA</td>
<td>Package exceeds the maximum girth accepted by UPS</td>
</tr>
<tr>
<td>CS</td>
<td>Shipment Requested Return of Package</td>
</tr>
<tr>
<td>CV</td>
<td>Package exceeds the maximum weight accepted by UPS</td>
</tr>
<tr>
<td>CW</td>
<td>Army/Fleet P.O. Not Currently Served by UPS</td>
</tr>
<tr>
<td>CY</td>
<td>Undeliverable – No response from receiver</td>
</tr>
<tr>
<td>CZ</td>
<td>Missing HAZMAT Label</td>
</tr>
<tr>
<td>D2</td>
<td>Value of goods exceeds maximum allowed by UPS</td>
</tr>
<tr>
<td>DD</td>
<td>UPS was unable to contact the receiver</td>
</tr>
<tr>
<td>DF</td>
<td>Package Undeliverable Because of Natural Disaster</td>
</tr>
<tr>
<td>DG</td>
<td>Package Undeliverable Because of Civil Unrest</td>
</tr>
<tr>
<td>DH</td>
<td>Circumstances Beyond Control of UPS</td>
</tr>
<tr>
<td>DJ</td>
<td>Package Returned Due to Adverse Weather Conditions</td>
</tr>
<tr>
<td>DL</td>
<td>Package Returned to Sender</td>
</tr>
<tr>
<td>DS</td>
<td>Address label is missing or illegible</td>
</tr>
<tr>
<td>DW</td>
<td>Receiver’s Location Vacant</td>
</tr>
<tr>
<td>DX</td>
<td>Package undeliverable</td>
</tr>
<tr>
<td>DY</td>
<td>UPS did not receive receiver payment authorization</td>
</tr>
<tr>
<td>E1</td>
<td>A correct floor number is required for delivery</td>
</tr>
<tr>
<td>E2</td>
<td>Package undeliverable</td>
</tr>
<tr>
<td>EN</td>
<td>Package undeliverable</td>
</tr>
<tr>
<td>EX</td>
<td>Package exceeds the maximum weight accepted by UPS</td>
</tr>
<tr>
<td>FA</td>
<td>Incorrect address provided - Unable to resolve</td>
</tr>
<tr>
<td>FF</td>
<td>Need ‘Undeliverable Returns’ Authorization</td>
</tr>
<tr>
<td>FM</td>
<td>Unable to obtain adult signature (age 21 or older)</td>
</tr>
<tr>
<td>G1</td>
<td>Package undeliverable</td>
</tr>
<tr>
<td>G5</td>
<td>Package undeliverable</td>
</tr>
<tr>
<td>G8</td>
<td>Adult Signature Required, Not in 3</td>
</tr>
</tbody>
</table>
GA  No reply from receiver for signature request
H1  Incorrect street name provided - Unable to resolve
H2  Incorrect street name provided - Unable to resolve
H3  Incorrect street name provided - Unable to resolve
H4  Incorrect address provided - Unable to resolve
H5  Multiple Errors in Address
H6  Package undeliverable
H7  Service area inaccessible due to special event
H8  Undeliverable Returns, Service Level Downgraded
H9  HAZMAT Discrepancy
JA  Customer Requested Delivery Intercept and Return
K2  Package undeliverable
KI  Refused to Pay the COD
KP  Returned to Sender. The Package Was Not Picked Up As Arranged
KR  Receiver Did Not Want
KS  Receiver Did Not Order
L2  Receiver refused to pay - Conflict in price
LC  Tracking information is missing or invalid
LH  Package undeliverable
LI  Package undeliverable
MF  Package undeliverable
O5  Package not picked up by consignee at UPS facility
O6  Package undeliverable
O7  Receiver changed delivery to an invalid address
P1  Could not verify delivery address
S6  Consignee not available for delivery
S7  Package not picked up by receiver at UPS facility
TB  Package undeliverable
TU  Package lacked a delivery label
U1  Package undeliverable
U2  Package undeliverable
Y3  UPS was unable to contact the receiver

* Contact your UPS Account Representative with any questions regarding a Contractual Service.
Segment: **N9** Reference Identification  
Position: 3101  
Loop: 0463 Optional  
Level: Detail  
Usage: Optional  
Max Use: 20  
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier  

**UPS Notes:** Contact your UPS Account Representative with any questions regarding a Contractual Service  

### Data Element Summary

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Element Name</th>
<th>Attributes</th>
<th>(--)</th>
<th>(--)</th>
</tr>
</thead>
<tbody>
<tr>
<td>N901</td>
<td>128</td>
<td>Reference Identification Qualifier</td>
<td>M</td>
<td>1</td>
<td>ID 2/3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code qualifying the Reference Identification</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>FR Freight Bill Number</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**UPS Comments:**  
UPS uses FR to denote Freight Related Data Elements. (Contractual Service)*

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Element Name</th>
<th>Attributes</th>
<th>(--)</th>
<th>(--)</th>
</tr>
</thead>
<tbody>
<tr>
<td>N902</td>
<td>127</td>
<td>Reference Identification</td>
<td>X</td>
<td>1</td>
<td>AN 1/50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**UPS Comments:**  
If N901 is FR, then N902 contains the following in the position(s) indicated:

<table>
<thead>
<tr>
<th>Pos</th>
<th>Field Description</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-6</td>
<td>National Motor Freight Classification Number</td>
<td></td>
</tr>
<tr>
<td>7-8</td>
<td>National Motor Freight Classification Subordinate Number</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Element Name</th>
<th>Attributes</th>
<th>(--)</th>
<th>(--)</th>
</tr>
</thead>
<tbody>
<tr>
<td>N903</td>
<td>369</td>
<td>Free-form Description</td>
<td>X</td>
<td>1</td>
<td>AN 1/45</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Free-form descriptive text</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**UPS Comments:**  
If N901 is FR, then N903 contains the following in the position(s) indicated:

<table>
<thead>
<tr>
<th>Pos</th>
<th>Field Description</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-1</td>
<td>FRT Detail Level Code</td>
<td>S Shipment Level</td>
</tr>
<tr>
<td>2-5</td>
<td>Declared Freight Class</td>
<td>P Package Level</td>
</tr>
<tr>
<td>6-14</td>
<td>Declared Weight for the Commodity(one implied decimal place)</td>
<td></td>
</tr>
<tr>
<td>15-18</td>
<td>Rated Freight Class</td>
<td></td>
</tr>
<tr>
<td>19-27</td>
<td>Rated Weight for the Commodity (one implied decimal place)</td>
<td></td>
</tr>
<tr>
<td>28-36</td>
<td>Number of Pieces for the Commodity</td>
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* Contact your UPS Account Representative with any questions regarding a Contractual Service.
Segment: L3 Total Weight and Charges
Position: 0100
Loop: Summary
Level: Usage: Optional
Max Use: 1
Purpose: To specify the total shipment in terms of weight, volume, rates, charges, advances, and prepaid amounts applicable to one or more line items

UPS Notes: This L3 Segment equals the B3 Segment.

Data Element Summary

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<th>Name</th>
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<td>O 1 N2 1/12</td>
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For a line item: freight or special charge; for the total invoice: the total charges -- expressed in the standard monetary denomination for the currency specified

>>UPS Comments:
Total Invoice Amount
Segment: **SE**  Transaction Set Trailer

Position: 0200

Loop:  
Level: Summary  
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)

### Data Element Summary

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<td>Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set</td>
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**UPS Comments:**
This is the same number as in the preceding ST Segment.
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# Appendix – L1

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<th>Special Charge or Allowance Codes</th>
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## Appendix – L1

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## Appendix – L1

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<tr>
<td>Return Service - Early Return Label</td>
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# Appendix – L1

<table>
<thead>
<tr>
<th>Lading Description</th>
<th>Special Charge or Allowance Codes</th>
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<tbody>
<tr>
<td>UPS Express Critical^SM - Early Delivery Premium</td>
<td>ESC</td>
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<tr>
<td>Declared Value Charge</td>
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<td>Shipping Charge Correction - Oversize Limit</td>
<td>EXL</td>
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<tr>
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<tr>
<td>UPS Express Critical^SM - Extra Pieces Charge</td>
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<td>Shipping Charge Correction - Oversize Weight</td>
<td>EXW</td>
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</tr>
<tr>
<td>Flex Insurance - Time in Transit</td>
<td>FAH</td>
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<tr>
<td>Hundredweight Residential Surcharge</td>
<td>FCB</td>
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<tr>
<td>Hundredweight Delivery Area Surcharge</td>
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</tr>
<tr>
<td>Flex Insurance – Basic (Contractual Service)*</td>
<td>FFR</td>
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<td>FTZ Intransit Entry</td>
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<td>Fuel Surcharge</td>
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<td>UPS Express Critical^SM Commercial Airline Security</td>
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<td>Hazardous Material (Other) (Contractual Service)*</td>
<td>HAN</td>
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<tr>
<td>Hazardous Material Charge (Contractual Service)*</td>
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</tr>
<tr>
<td>UPS Express Critical^SM Overnight Holding Charge</td>
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<tr>
<td>UPS Express Critical^SM Holiday Rate Charge</td>
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<tr>
<td>Intransit Entry</td>
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<td>Shipping Charge Correction - Inspection Fee</td>
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<tr>
<td>Inside Delivery</td>
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<tr>
<td>Inside Pick-up</td>
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<td>Manual Processing Fee</td>
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<td>Large Package Surcharge</td>
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<td>Over Max Length Surcharge</td>
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<tr>
<td>Late Payment Charge</td>
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<tr>
<td>Mexico Surcharge</td>
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<td>UPS Express Critical^SM – Miscellaneous Charge</td>
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<tr>
<td>Shipping Charge Correction – Other</td>
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## Appendix – L1

<table>
<thead>
<tr>
<th>LADING DESCRIPTION</th>
<th>SPECIAL CHARGE OR ALLOWANCE CODES</th>
<th>SPECIAL CHARGE DESCRIPTION</th>
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<tbody>
<tr>
<td>Any other charges not itemized elsewhere</td>
<td>MSG</td>
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<tr>
<td>UPS Express Critical℠ – Extra Labor (Helper) Charge</td>
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<tr>
<td>Delivery Confirmation – Adult Signature Required – Non Compliant Label Surcharge</td>
<td>NDS</td>
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<tr>
<td>Quantum View℠ Notify</td>
<td>NFY</td>
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<td>New York Surcharge</td>
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<tr>
<td>Over Max Weight Surcharge</td>
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<td>ODF</td>
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<td>Flat Amount Per Shipment</td>
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<tr>
<td>UPS Express Critical℠ - Overtime Customs Charge</td>
<td>OPC</td>
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<tr>
<td>Return Services 3 Pickup Attempts</td>
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<tr>
<td>UPS Express Critical℠ - Out Charge</td>
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<tr>
<td>Shipping Charge Correction - Over Dimension</td>
<td>OVR</td>
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<tr>
<td>Percent of Billed Charge</td>
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<tr>
<td>Packaging Supplies – Special Sales Discount Promotion</td>
<td>PAI</td>
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</tr>
<tr>
<td>UPS Returns Pickup Request</td>
<td>PDY</td>
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<tr>
<td>Return Services - Print and Mail</td>
<td>PMR</td>
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<tr>
<td>Intercept - Same Day Will Call</td>
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<tr>
<td>On-Call Pickup: Same Day Phone Request</td>
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<tr>
<td>UPS Express Critical℠ - Packaging Charge</td>
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<td>UPS Express Critical℠ – P.M. After Hours Charge</td>
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<tr>
<td>Previous Incentive – Call Tag Refund</td>
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<tr>
<td>Proof of Delivery</td>
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<td>UPS World Ease SM - Per Consignee Accessorial Charge (Contractual Service)*</td>
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<td>UPS Express Critical℠ - Pickup Mileage Charge</td>
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<td>Rentender Charge</td>
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## Appendix – L1

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<th>SPECIAL CHARGE OR ALLOWANCE CODES</th>
<th>SPECIAL CHARGE DESCRIPTION</th>
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<tr>
<td>Intercept - Reschedule Delivery</td>
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<td>Intercept - Redirect Package</td>
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<td>Residential / Commercial Adjustments</td>
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<td>Return Label Surcharge</td>
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<td>Return Services One Attempt</td>
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<tr>
<td>Intercept - Return to Shipper</td>
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<td>Flatbed Tractor Trailer / K-Van® Charge</td>
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<td>Flat Amount Per Piece</td>
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<td>Shipper Paid Declared Value</td>
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<td>Delivery Confirmation Signature Fee (International)</td>
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<td>Standard Delivery</td>
<td>STL</td>
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<tr>
<td>Early A.M. Surcharge</td>
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<td></td>
</tr>
<tr>
<td>Delivery Confirmation Signature Fee (U.S.)</td>
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</tr>
<tr>
<td>UPS Express Critical&lt;sup&gt;SM&lt;/sup&gt; – Switching Charge</td>
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<td>UPS Packaging Supplies – Transportation Charge</td>
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<td>Team Service</td>
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<tr>
<td>UPS Express Critical&lt;sup&gt;SM&lt;/sup&gt; – Tolls Charge</td>
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<tr>
<td>Transborder Fee</td>
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<td>UPS Express Critical&lt;sup&gt;SM&lt;/sup&gt; – Special Vehicle Rental Charge</td>
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<tr>
<td>UPS Express Critical&lt;sup&gt;SM&lt;/sup&gt; - International Tranship Charge</td>
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<td>Chargeback Surcharge / Third Party /Freight Collect</td>
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<tr>
<td>LADING DESCRIPTION</td>
<td>SPECIAL CHARGE OR ALLOWANCE CODES</td>
<td>SPECIAL CHARGE DESCRIPTION</td>
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<td>Accessorials</td>
<td>L108</td>
<td>L112</td>
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<td>UPS Express Critical&lt;sup&gt;SM&lt;/sup&gt; - Weekend Charge</td>
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<td>UPS Express Critical&lt;sup&gt;SM&lt;/sup&gt; - Wait Charge</td>
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</tr>
<tr>
<td>Shipping Charge Correction - Weight Difference</td>
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</tr>
</tbody>
</table>

*Contact your UPS Account Representative with any questions regarding a Contractual Service.*
997 Functional Acknowledgment

Functional Group ID=FA

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Functional Acknowledgment Transaction Set (997) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to define the control structures for a set of acknowledgments to indicate the results of the syntactical analysis of the electronically encoded documents. The encoded documents are the transaction sets, which are grouped in functional groups, used in defining transactions for business data interchange. This standard does not cover the semantic meaning of the information encoded in the transaction sets.

ANSI STANDARD TRANSACTION SET 997 AND THE UPS SUBSET

Heading:

<table>
<thead>
<tr>
<th>Pos. No.</th>
<th>Seg. ID</th>
<th>Name</th>
<th>Req. Des.</th>
<th>Max. Use</th>
<th>Loop Repeat</th>
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<tbody>
<tr>
<td>010</td>
<td>ST</td>
<td>Transaction Set Header</td>
<td>M</td>
<td>1</td>
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<tr>
<td>020</td>
<td>AK1</td>
<td>Functional Group Response Header</td>
<td>M</td>
<td>1</td>
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<td>LOOP ID - AK2</td>
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<td>030</td>
<td>AK2</td>
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<td>1</td>
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<td>080</td>
<td>SE</td>
<td>Transaction Set Trailer</td>
<td>M</td>
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</tbody>
</table>

ORDER OF TRANSMISSION OF SEGMENTS IN THE UPS SUBSET

UPS Notes:

- Must Use = Mandatory for ANSI.
- Not Used = Not used by UPS.
- UPS Req. = Mandatory for UPS.

<table>
<thead>
<tr>
<th>Pos. No.</th>
<th>Seg. ID</th>
<th>Name</th>
<th>Req. Des.</th>
<th>Max. Use</th>
<th>Loop Repeat</th>
<th>UPS Notes</th>
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<tr>
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<td>010</td>
<td>ST Transaction Set Header</td>
<td>M</td>
<td>1</td>
<td>1</td>
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<tr>
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<td>020</td>
<td>AK1 Functional Group Response Header</td>
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<td>070</td>
<td>AK9 Functional Group Response Trailer</td>
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<td>Must Use</td>
<td>080</td>
<td>SE Transaction Set Trailer</td>
<td>M</td>
<td>1</td>
<td>1</td>
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</tbody>
</table>
**UPS Notes Regarding the UPS Subset:**

The UPS Subset lists the segments UPS uses. Even if a segment is optional according to the ANSI standards, UPS requires it when these notes indicate it is mandatory for UPS.

☑ Refer to pages 1-4 and 1-5 of the Introduction section of this manual for explanation of footnote use.

1. Each transmission of functional acknowledgments (Transaction Set 997) will be surrounded by its own ISA/IEA and GS/GE Control Segments.
2. UPS sends and receives acknowledgments at the Functional Group level. If a Trading Partner requires acknowledgment at the Transaction Set level, UPS needs to be notified.
### Segment: ST Transaction Set Header

**Position:** 010  
**Loop:**  
**Level:**  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
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<tr>
<td>ST01</td>
<td>143</td>
<td>Transaction Set Identifier Code</td>
<td>M ID 3/3</td>
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<td>Code uniquely identifying a Transaction Set</td>
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<tr>
<td></td>
<td></td>
<td>997</td>
<td>Functional Acknowledgment</td>
</tr>
<tr>
<td>ST02</td>
<td>329</td>
<td>Transaction Set Control Number</td>
<td>M AN 4/9</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set</td>
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</tbody>
</table>

**>>UPS Comments:**

UPS increments Control Numbers by one (1).
Segment: **AK1** Functional Group Response Header  
Position: 020  
Loop:  
Level:  
Usage: Mandatory  
Max Use: 1  
Purpose: To start acknowledgment of a functional group  

### Data Element Summary

<table>
<thead>
<tr>
<th>Ref.</th>
<th>Data Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
<th>Purpose</th>
</tr>
</thead>
</table>
| AK101 | 479 | Functional Identifier Code | ID 2/2 | M | Code identifying a group of application related transaction sets  
IM | Motor Carrier Freight details and Invoice (210)  
| AK102 | 28 | Group Control Number | N0 1/9 | M | Assigned number originated and maintained by the sender  

**>>UPS Comments:**  
Data Interchange Control Number found in the GS  
Segment of the functional group being acknowledged
Segment: **AK9** Functional Group Response Trailer

**Position:** 070

**Loop:**

**Level:**

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To acknowledge acceptance or rejection of a functional group and report the number of included transaction sets from the original trailer, the accepted sets, and the received sets in this functional group

**Data Element Summary**

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>AK901</td>
<td>715</td>
<td>Functional Group Acknowledge Code</td>
<td>M ID 1/1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code indicating accept or reject condition based on the syntax editing of the functional group</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A     Accepted</td>
<td>M</td>
</tr>
<tr>
<td></td>
<td></td>
<td>E     Accepted, But Errors Were Noted.</td>
<td>M</td>
</tr>
<tr>
<td></td>
<td></td>
<td>P     Partially Accepted, At Least One Transaction Set Was Rejected</td>
<td>M</td>
</tr>
<tr>
<td></td>
<td></td>
<td>R     Rejected</td>
<td>M</td>
</tr>
<tr>
<td>AK902</td>
<td>97</td>
<td>Number of Transaction Sets Included</td>
<td>M N0 1/6</td>
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<tr>
<td></td>
<td></td>
<td>Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element</td>
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<tr>
<td>AK903</td>
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<td>Number of Received Transaction Sets</td>
<td>M N0 1/6</td>
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<td></td>
<td>Number of Transaction Sets received</td>
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<tr>
<td>AK904</td>
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<td>Number of Accepted Transaction Sets</td>
<td>M N0 1/6</td>
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<tr>
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<td>Number of accepted Transaction Sets in a Functional Group</td>
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Segment: **SE** Transaction Set Trailer  
Position: 080  
Loop:  
Level:  
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)

### Data Element Summary

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
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<td>Total number of segments included in a transaction set including ST and SE segments</td>
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<td>SE02</td>
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<td>Transaction Set Control Number</td>
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<td>Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set</td>
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</tbody>
</table>

**UPS Comments:**
This is the same number as in the preceding ST Segment.
UPS EDI Billing Example

Transaction Set 210 Example

ISA*00* 00* 02*UPSN ZZ*PHH
*080626*211
5*U*00400*00000283B*0*T*>|
GS*IM*UPSD*GLORIACSEF*20080626*2115*2767*X*004030|
ST*210*000158669|
B3**0000001808WW30B**PP**20080726*1700****UPSN*20080806|
C3*USD|
ITD*01|
N9*18*0000980205|
N1*BT*JOHN 117|
N2*JARED|
N3*435 SOUTH ST|
N4*MORRISTOWN*NJ*07960*US|
N1*SH*JOHN 117*25*0001808WW|
N2*JARED|
N3*435 SOUTH ST|
N4*MORRISTOWN*NJ*07960*US|
LX*1|
N9*2Z*NA**20080726***ZZ>MX>ZZ>031|
L0*1*****1*PCS|
L1*1****1700****SAC|
LX*2|
N9*CN*121808WW0473048017*020000000000000000000000*20080721***ZZ>MX>ZZ>017|
N9*D2*01|
N9*LU*BT170|
L0*2******1*PCS|
L1*2***12740*****400|
L1*2***1500*****395|
L1*2***2548****FUE|
L1*2***-1274****295|
N1*SH*JOHN 117|
N2*US SHIPPER|
N3*435 SOUTH ST|
N4*MORRISTOWN*NJ*07960*US|
N1*CN*7803A-0005-0001|
N2*SMITH|
N3*90 POLLUS BLVD|
N4*BELFEST**BT170*GB|
N9*CR*7803A-0005-0001-1|
CD3*B*10*401*90*ZZ|
LX*3|
N9*CN*121808WW0473048017*020000000000000000000000*20080721***ZZ>MX>ZZ>040|
N9*D2*01|
L0*3******1*PCS|
L1*3***-16788****CDF****050|
L1*3***1274****275|
N1*ZZ*NA|
CD3*B*10*401*90*ZZ|
L3*****1700|
SE*46*000158669|
ST*210*000158670|
B3**0000001502WW308**PP**20080726*9415****UPSN*20080804| C3*USD| ITD*01| N9*18*0000980209| N1*BT*CRM TT| N3*MAIN| N4*DENVILLE*NJ*07834*US| N1*SH*CRM TT*25*0001502WW| N3*MAIN| N4*DENVILLE*NJ*07834*US| LX*1| N9*ZZ*NA**20080726***ZZ>MX>ZZ>031| L0*1********1*PCS| L1*1***800****SAC| LX*2| N9*88*0247498042*0040000000000000000000000000000000*20080721***ZZ>MX>ZZ>011| L0*2********3*PCS| L1*2***15216****400| L1*2***-302****275| N1*ZZ*NA| CD3*Z*0***SG| LX*3| N9*ZZ*NA**20080719***ZZ>MX>ZZ>028| L0*3********1*PCS| L1*3***-1100****AAJ****014| L1*3***100****275| N1*ZZ*NA| CD3*Z*0***ZZ| LX*4| N9*CN*121502WW1264639290**20080726***ZZ>MX>ZZ>028| L0*4********1*PCS| L1*4***-1000****AAJ****014| L1*4***100****275| N1*ZZ*NA| CD3*Z*0***ZZ| LX*5| N9*CN*121502WW1265258413**20080719***ZZ>MX>ZZ>028| L0*5********1*PCS| L1*5***-1000****AAJ****014| L1*5***100****275| N1*ZZ*NA| CD3*Z*0***ZZ| LX*6| N9*CN*121502WW126427827**20080719***ZZ>MX>ZZ>028| L0*6********1*PCS| L1*6***-1000****AAJ****014| N1*ZZ*NA| CD3*Z*0***ZZ| LX*7| N9*P8*0247498042*002000000000000000000000000000000*20080721***ZZ>PP>ZZ>028| N9*CN*121502WW0364856518| N9*D2*01| N9*LU*75228| L0*7********1*PCS| L1*7***756****AAJ****015C| L1*7***-680****AAJ****0150| L1*7***195****REP|
L1*7***56*****010|
L1*7***33*****FUE|
N1*ZZ*NA|
N9*CR*7803A-0005-0011-1|
CD3*B*10*006**ZZ|
LX*8|
N9*CN*121502WW1265812206*0260000000000000000000000000000000000*20080714***ZZ>PP>ZZ>029|
N9*D2*01|
L0*8********1*PCS|
L1*8***-1876***RFD***021|
L1*8***-610***010|
L1*8***-539***FUE|
L1*8***166***295|
N1*SH*CRM TT|
N3*MAIN|
N4*DENVILLE**07834*US|
N1*CN*7803A-0005-0004|
N2*Smith|
N3*33 SOUTH ST|
N4*DALLAS*TX*75228*US|
N9*CR*7803A-0005-0004-1|
CD3***306*3*ZZ|
L3***9415|
SE*82*000158670|
ST*210*000158671|
B3***000004045WW308**PP**20080726*28555***UPSN*20080806|
C3*USD|
ITD*01|
N9*18*0000980223|
N1*BT*RODEO|
N2*ALLAN|
N3*90 MAIN ST|
N4*MORRISTOWN*NJ*07960*US|
N1*SH*RODEO*25*00004045WW|
N2*ALLAN|
N3*90 MAIN ST|
N4*MORRISTOWN*NJ*07960*US|
LX*1|
N9*ZZ*NA**20080726***ZZ>MX>ZZ>031|
L0*1********1*PCS|
L1*1***800***SAC|
LX*2|
N9*PB*0228192042*0060000000000000000000000*20080721***ZZ>MX>ZZ>011|
L0*2********5*PCS|
L1*2***32970***400|
L1*2***-4615***275|
N1*ZZ*NA|
CD3*Z*0***ND|
LX*3|
N9*PB*0228192042*0020000000000000000000000000*20080721***ZZ>PP>ZZ>028|
N9*CN*124045WW0147641818|
N9*D2*01|
N9*LU*07753|
L0*3********1*PCS*****5*PKG*Y|
L1*3***4396****AAJ*****015C|
L1*3***-4726****AAJ*****0150|
L1*3***230***REP|
L1*3***-20***FUE|
N1*ZZ*NA|
N9*CR*7817--0001-0016-1|
CD3*B*40*102**ZZ|
LX*4|
N9*PB*0228192042*0020000000000000000000000*20080721***ZZ>PP>ZZ>028|
N9*CN*124045WW0147988025|
N9*D2*01|
N9*LU*07753|
L0*4********1*PCS*****5*PKG*Y|
L1*4***4396******AAJ*****015C|
L1*4***-4726***AAJ*****015O|
L1*4***230***REP|
L1*4***-20***FUE|
N1*ZZ*NA|
N9*CR*7817--0001-0016-2|
CD3*B*40*102**ZZ|
LX*5|
N9*PB*0228192042*0020000000000000000000000*20080721***ZZ>PP>ZZ>028|
N9*CN*124045WW0148640835|
N9*D2*01|
N9*LU*07753|
L0*5********1*PCS*****5*PKG*Y|
L1*5***4396******AAJ*****015C|
L1*5***-4726***AAJ*****015O|
L1*5***230***REP|
L1*5***-20***FUE|
N1*ZZ*NA|
N9*CR*7817--0001-0016-3|
CD3*B*40*102**ZZ|
LX*6|
N9*PB*0228192042*0020000000000000000000000*20080721***ZZ>PP>ZZ>028|
N9*CN*124045WW0146636246|
N9*D2*01|
N9*LU*07753|
L0*6********1*PCS*****5*PKG*Y|
L1*6***4396******AAJ*****015C|
L1*6***-4726***AAJ*****015O|
L1*6***230***REP|
L1*6***-20***FUE|
N1*ZZ*NA|
N9*CR*7817--0001-0016-4|
CD3*B*40*102**ZZ|
LX*7|
N9*PB*0228192042*0020000000000000000000000*20080721***ZZ>PP>ZZ>028|
N9*CN*124045WW0146570254|
N9*D2*01|
N9*LU*07753|
L0*7********1*PCS*****5*PKG*Y|
L1*7***4396******AAJ*****015C|
L1*7***-4726***AAJ*****015O|
L1*7***230***REP|
L1*7***-20***FUE|
N1*ZZ*NA|
N9*CR*7817--0001-0016-5|
CD3*B*40*102**ZZ|
L3*****28555|
| SE | 91 | 000158671 |
| ST | 210 | 000158672 |
| B3 | 0000002063WW30B | PP | 20080726 | 105647 | UPS | 20080806 |
| C3 | USD |
| ITD | 01 |
| N9 | 18 | 000980228 |
| N1 | BT | US FRS SHIPPER |
| N3 | 164 | US WAY |
| N4 | MORRISTOWN | NJ | 07960 | US |
| N1 | SH | US FRS SHIPPER | 25 | 0002063WW |
| N3 | 164 | US WAY |
| N4 | MORRISTOWN | NJ | 07960 | US |
| LX | 1 |
| N9 | ZZ | NA | 20080726 | ZZ | MX | ZZ | 031 |
| L0 | 1 | 800 | SAC |
| LX | 2 |
| N9 | P8 | 6420262435 | 0040a | 000000000000000000 | 20080714 | ZZ | MX | ZZ | 011 |
| L0 | 2 | 8694 | 400 |
| L1 | 2 | 7434 | 275 |
| L1 | 2 | 690 | 2 |
| L1 | 2 | 543 | FUE |
| L1 | 2 | 465 | 295 |
| N1 | ZZ | NA |
| CD3 | Z | 0 | SG |
| LX | 3 |
| N9 | P8 | 6420262520 | 0040a | 000000000000000000 | 20080714 | ZZ | MX | ZZ | 011 |
| L0 | 3 | 10210 | 400 |
| L1 | 3 | 8110 | 275 |
| L1 | 3 | 640 | FUE |
| L1 | 3 | 510 | 295 |
| N1 | ZZ | NA |
| CD3 | Z | 0 | SG |
| LX | 4 |
| N9 | P8 | 0228168054 | 0040a | az00000000000000 | 20080721 | ZZ | MX | ZZ | 011 |
| L0 | 4 | 12828 | 400 |
| L1 | 4 | 11544 | 275 |
| L1 | 4 | 1950 | 3 |
| L1 | 4 | 801 | FUE |
| L1 | 4 | 720 | 295 |
| N1 | ZZ | NA |
| CD3 | Z | 0 | SG |
| LX | 5 |
| N9 | P8 | 6420262634 | 0040a | 000000000000000000 | 20080721 | ZZ | MX | ZZ | 011 |
| L0 | 5 | 8694 | 400 |
| L1 | 5 | 7434 | 275 |
| L1 | 5 | 1300 | 2 |
| L1 | 5 | 543 | FUE |
| L1 | 5 | 465 | 295 |
| N1 | ZZ | NA |
| CD3 | Z | 0 | SG |
| LX | 6 |
| N9 | P8 | 6420262645 | 004000000000000000000000 | 20080721 | ZZ | MX | ZZ | 011 |
N9*CN*1Z2063WW0300014333*0200000000000000000000000000000020080721***ZZ>PP>ZZ>021>ZZ>C|
N9*D2*01|
N9*LU*07960|
L0*19******1*PCS|
N1*SH*US FRS SHIPPER|
N3*164 US WAY|
N4*MORRISTOWN*NJ*07960*US|
N1*CN*UPS|
N2*HFK9VKW|
N3*125 UNITED WAY DRIVE|
N4*MORRISTOWN*NJ*07960*US|
N9*CR*7804---0011-0010-3|
CD3*B*100***SG|
N9*AN*00002048WW|
N9*RC*10|
N9*FR*13268002*P300 00001000300 0000100000000000001|
LX*20|
N9*CN*1Z2063WW0300014557*0200000000000000000000000000000020080721***ZZ>PP>ZZ>021|
N9*D2*01|
N9*LU*07960|
L0*20******1*PCS|
L1*20****45574****400|
L1*20***-30535****275|
L1*20***650****690|
L1*20***1000****TTT|
L1*20***2848****FUE|
L1*20***-1908****295|
N1*SH*US FRS SHIPPER|
N3*164 US WAY|
N4*MORRISTOWN*NJ*07960*US|
N1*CN*UPS|
N2*HFK9VKW|
N3*438 SOUTHERN STREET DRIVE|
N4*MORRISTOWN*NJ*07960*US|
N9*CR*7804---0011-0011-1|
CD3*B*500***SG|
N9*AN*00002047WW|
N9*RC* |
N9*FR*14576000*S125 000001200125 0000012000000000001|
N9*FR*13268002*S300 000001000300 0000010000000000001|
N9*FR*17956900*S92.50000120065 0000012000000000001|
LX*21|
N9*PB*6458453750*0200000000000000000000000000000020080721***ZZ>TP>ZZ>024>ZZ>S|
N9*D2*12|
N9*LU*07960|
L0*21******7*PCS|
L1*21***50994****400|
L1*21***-35441****275|
L1*21***3185****FUE|
L1*21***-2212****295|
N1*ZZ*NA|
N9*CR*7804---0019-0015-1|
CD3*B*280***SG|
N9*FR*13268002*S300 00000400300 0000040000000000001|
N9*FR*14576000*S125 000002400125 000002400000000006|
LX*22|
N9*PB*6458453750*0200000000000000000000000000000020080721***ZZ>TP>ZZ>024>ZZ>C|

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N4*MONTREAL*QC*H3B2Y4*CA|
N1*CN*7802--0095-0004|
N3*451 NORTH STREET|
N4*COLOGNE**50517*DE|
N9*CR*7802--0095-0004-1|
CD3*B*46*801*90*ZZ|
LX*7|
N9*CN*124469WW0449570209*0200000000000000000000*20080728***ZZ>PP>ZZ>017|
N9*D2*01|
N9*LU*07054|
L0*7********2*PCS|
L1*7***37280****400|
L1*7***650****690|
L1*7***7456****FUE|
N1*SH*MYY1ASM|
N2*ALLAN MISE|
N3*469 MC GILL ST|
N4*MONTREAL*QC*H3B2Y4*CA|
N1*CN*7802--0085-0005|
N2*SMITH|
N3*895 SOUTH BX AVE|
N4*PARSIPPANY*NJ*07054*US|
N9*CR*7802--0085-0005-1|
CD3*B*39*582*90*ZZ|
LX*8|
N9*CN*124469WW0449570209*0200000000000000000000*20080728***ZZ>PP>ZZ>017|
N9*D2*01|
N9*LU*07054|
L0*8*******1*PCS|
N1*ZZ*NA|
CD3*B*20*582*90*ZZ|
LX*9|
N9*CN*124469WW0450074814*0200000000000000000000*20080728***ZZ>PP>ZZ>017|
N9*D2*01|
N9*LU*07054|
L0*9*******1*PCS|
N1*ZZ*NA|
CD3*B*19*582*90*ZZ|
N9*RC*08|
LX*10|
N9*CN*124469WW0449975255*0200000000000000000000*20080728***ZZ>PP>ZZ>017|
N9*D2*01|
N9*LU*50517|
L0*10********1*PCS|
L1*10***42155****400|
L1*10***8431***FUE|
N1*SH*MYY1ASM|
N2*ALLAN MISE|
N3*469 MC GILL ST|
N4*MONTREAL*QC*H3B2Y4*CA|
N1*CN*7802--0094-0001|
N3*451 NORTH STREET|
N4*COLOGNE**50517*DE|
N9*CR*7802--0094-0001-1|
CD3*B*23*801*90*ZZ|
LX*11|
N9*CN*124469WW0450643628*0200000000000000000000*20080728***ZZ>PP>ZZ>017|
N9*D2*01|
N9*LU*SE120|
L0*11********3*PCS|
L1*11***120786****400|
L1*11***24157****FUE|
N1*SH*MYY1ASM|
N2*ALLAN MISE|
N3*469  MC GILL ST|
N4*MONTREAL*QC*H3B2Y4*CA|
N1*CN*7802--0093-0004|
N2*BIG AL|
N3*452 NORTH STREET|
N4*LONDON**SE120*GB|
N9*CR*7802--0093-0004-1|
CD3*B*82*801*90*ZZ|
LX*12|
N9*CN*124469WW0451057582*0200JA00000000000000000000*20080728***ZZ>PP>ZZ>017|
N9*D2*01|
N9*LU*07054|
L0*12********2*PCS|
L1*12***41985****400|
L1*12***1300****690********2|
L1*12***8397***FUE|
N1*SH*MYY1ASM|
N2*ALLAN MISE|
N3*469  MC GILL ST|
N4*MONTREAL*QC*H3B2Y4*CA|
N1*CN*7802--0085-0004|
N2*SMITH|
N3*895 SOUTH BX AVE|
N4*PARSIPPANY*NJ*07054*US|
N9*CR*7802--0085-0004-1|
CD3*B*46*582*90*ZZ|
LX*13|
N9*CN*124469WW0451057582*0200JA00000000000000000000*20080728***ZZ>PP>ZZ>017>ZZ>I|
N9*D2*01|
N9*LU*07054|
L0*13********1*PCS|
N1*ZZ*NA|
CD3*Z*0*582*90*ZZ|
N9*RC*08|
LX*14|
N9*CN*124469WW0451685797*02000000000000000000000000*20080728***ZZ>PP>ZZ>017>ZZ>I|
N9*D2*01|
N9*LU*07054|
L0*14********1*PCS|
N1*ZZ*NA|
CD3*Z*0*582*90*ZZ|
N9*RC*08|
LX*15|
N9*CN*124469WW6649840864*0200v JA000000000000000000000000*20080728***ZZ>PP>ZZ>017|
N9*D2*01|
N9*LU*04999|
L0*15********1*PCS|
L1*15***230805****400|
L1*15***5000****OAB|
L1*15***650***690|
L1*15***46161****FUE|  
N1*SH*MYY1ASM|  
N2*ALLAN MISE|  
N3*469 MC GILL ST|  
N4*MONTREAL*QC*H3B2Y4*CA|  
N1*CN*7802--0084-0003|  
N2*SCH|  
N3*480 NORTH STREET|  
N4*WARSZAW**04999*PL|  
N9*CR*7802--0084-0003-1|  
CD3*B*69*910*1*ZZ|  
N9*RC*08|  
LX*17|  
N9*CN*124469WW6649840864*0200000000000000000000000*20080728***ZZ>PP>ZZ>017>ZZ>I|  
N9*D2*01|  
N9*LH*04999|  
L0*16*****1*PCS|  
N1*ZZ*NA|  
CD3*B*68.9*910*1*ZZ|  
N9*RC*08|  
LX*17|  
N9*CN*124469WW6651B01571*0200v JA0000000000000000000000000*20080728***ZZ>PP>ZZ>017|  
N9*D2*01|  
N9*LH*01918|  
L0*17*****1*PCS|  
L1*17***42760***400|  
L1*17***650***690|  
L1*17***8552***FUE|  
N1*SH*MYY1ASM|  
N2*ALLAN MISE|  
N3*469 MC GILL ST|  
N4*MONTREAL*QC*H3B2Y4*CA|  
N1*CN*7802--0078-0003|  
N2*SCH|  
N3*466 NORTH STREET|  
N4*CHESTER*NY*10918*US|  
N9*CR*7802--0078-0003-1|  
CD3*B*45*482*1*ZZ|  
N9*RC*12|  
LX*18|  
N9*CN*124469WW6651B01571*0200000000000000000000000*20080728***ZZ>PP>ZZ>017>ZZ>I|  
N9*D2*01|  
N9*LH*01918|  
L0*18*****1*PCS|  
N1*ZZ*NA|  
CD3*B*44.9*482*1*ZZ|  
N9*RC*12|  
LX*19|  
N9*CN*124469WW6750190679*0200w JA0000000000000000000000000*20080728***ZZ>PP>ZZ>017|  
N9*D2*01|  
N9*LH*05017|  
L0*19*****1*PCS|  
L1*19***50085***400|  
L1*19***5000***LGD|  
L1*19***650***690|  
L1*19***10017***FUE|  
N1*SH*MYY1ASM|  

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N2*ALLAN MISE|
N3*469 MC GILL ST|
N4*MONTREAL QC H3B2Y4*CA|
N1*CN*7802--0122-0003|
N3*451 NORTH STREET|
N4*COLOGNE DE 50517*DE|
N9*CR*7802--0122-0003-1|
CD3*B*32*601*2*ZZ|
N9*RC*08|
LX*20|
N9*CN*1Z4469WW6750190679*020000000000000000000000*20080728***ZZ>PP>ZZ>017>ZZ>I|
N9*D2*01|
N9*LU*50517|
L0*20********1*PCS|
N1*ZZ*NA|
CD3*Z*0*601*2*ZZ|
N9*RC*08|
LX*21|
N9*CN*1Z4469WW6800006175*020000000000000000000000*20080728***ZZ>PP>ZZ>017|
N9*D2*01|
N9*LU*07054|
L0*21********3*PCS|
L1*21***12740***400|
L1*21***8000***LDG**********2|
L1*21***1296***FUE|
N1*SH*MYY1ASM|
N2*MYY1ASM|
N3*469 MC GILL ST|
N4*MONTREAL QC H3B2Y4*CA|
N1*CN*ICEBOX LLC|
N2*MYY1ASM|
N3*895 SOUTH BX AVE|
N4*PARSIPPANY NJ*07054*US|
N9*CR*7802--0083-0004-1|
CD3*B*69*242**SG|
LX*22|
N9*CN*1Z4469WW6800006175*020000000000000000000000*20080728***ZZ>PP>ZZ>017>ZZ>I|
N9*D2*01|
N9*LU*07054|
L0*22********1*PCS|
N1*ZZ*NA|
CD3*B*36.3*242**SG|
LX*23|
N9*CN*1Z4469WW6800006184*020000000000000000000000*20080728***ZZ>PP>ZZ>017>ZZ>I|
N9*D2*01|
N9*LU*07054|
L0*23********1*PCS|
N1*ZZ*NA|
CD3*B*22.7*242**SG|
LX*24|
N9*CN*1Z4469WW6800006193*020000000000000000000000*20080728***ZZ>PP>ZZ>017>ZZ>I|
N9*D2*01|
N9*LU*07054|
L0*24********1*PCS|
N1*ZZ*NA|
CD3*B*9.1*242**SG|
LX*25|
N9*CN*48000059076*02000000000000000000000000000000*20080728***ZZ>TP>ZZ>024|
N9*D2*12|
N9*LU*50517|
L0*25********3*PCS|
L1*25***110725*****400|
L1*25***900****EVC***********1000|
L1*25***22145*****FUE|
N1*SH*MYY1ASM SBB|
N3*475 CANADA ST|
N4*MISSISSAUGA*ON*L4V1X5*CA|
N1*CN*MYY1ASM|
N3*451 NORTH STREET|
N4*COLOGNE**50517*DE|
N9*CR*7802--0091-0003|
CD3*B*150*901*I*ZZ|
LX*26|
N9*P8*0237726016*0260ad000000000000000000*20080728***ZZ>TP>ZZ>024>ZZ>S|
N9*D2*12|
N9*LU*L4V1X5|
L0*26********2*PCS|
L1*26***7125*****400|
L1*26***565*****TTT|
L1*26***552*****FUE|
N1*SH*GENERAL ONEAL|
N2*SG2|
N3*488 P23X5478-B ST|
N4*MONCTON*NB*E1C9N5*CA|
N1*CN*7802--0093-0002|
N2*Smith|
N3*475 CANADA STREET|
N4*MISSISSAUGA*ON*L4V1X5*CA|
N9*CR*7802--0093-0002-1|
CD3*B*46*203*3*ZZ|
LX*27|
N9*P8*0237726016*0260000000000000000000000*20080728***ZZ>TP>ZZ>024>ZZ>C|
N9*CN*1Z4488WW2051490387|
N9*D2*12|
N9*LU*L4V1X5|
L0*27********1*PCS|
N1*ZZ*NA|
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L1*29***650****690|
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N2*GEN_HAMMOND|
N3*2001_P23--5564X_ST|
N4*MISSISSAUGA--ON*L4V1X5*CA|
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N2*SMITH|
N3*466_NORTH_STREET|
N4*CHESTER*NY*10918*US|
N9*CR*7802--0076--0005--1|
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LX*30|
N9*CN*1Z5077WW6847651470*02000000000000000000000000000000*20080728***ZZ>TP>ZZ>024>ZZ>I|
N9*D2*12|
N9*VR*I   †Œ       |
N9*LU*10918|
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L4*62*14*10*N|
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CD3*B*72*242**SG|
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L1*31***4000****LDG|
L1*31***1300****690**********2|
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N1*CN*MYY1ASM|
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N3*466_NORTH_STREET|
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LX*33|
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N9*D2*12|
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N9*LU*10918|

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N3*469 MC GILL ST|
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L1*41***19195****FUE|
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N3*452 NORTH|
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L1*42***15655****FUE|
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N4*COLOGNE*DE*50517*DE|
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L1*45***-42155****AAJ****016O|
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L1*45***13110****FUE|
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N1*SH*MYY1ASM|
N2*KILOS|
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CD3*G*82*801*90*ZZ|
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CD3*G*150*901*1*ZZ |
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LX*55|
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LX*56|
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L1*56***10888****TAX****035|
L3*****2164290|
SE*720*000158673|
GE*5*2767|
IEA*1*000002838|
REQUEST FOR INFORMATION

I. Introduction

UPS and ________________________ (the “Company”) desire to enter into a strategic business relationship to exchange information via an Electronic Data Interchange System (the “EDI System”). UPS will be investing substantial resources and personnel to establish the EDI System and the parties acknowledge that time is of the essence to complete the implementation of the EDI System. This letter (the “Letter”) is to confirm your level of commitment towards this relationship and to provide UPS with information so it can begin to plan for the implementation of the EDI System.

In order to expedite the implementation of the EDI System, please provide the following information:

<table>
<thead>
<tr>
<th>EDI Technical Information</th>
<th>Company Provided Response</th>
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<tbody>
<tr>
<td>EDI ID and Qualifier – Test</td>
<td></td>
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<tr>
<td>GS ID – Test</td>
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<tr>
<td>EDI ID and Qualifier – Production</td>
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<tr>
<td>Repetition Separator</td>
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<td>GS ID – Production</td>
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<td>Sub-element Separator</td>
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<tr>
<td>Segment Terminator</td>
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<tr>
<td>Telecommunications: FTP, AS2, VAN</td>
<td></td>
</tr>
<tr>
<td>Account/Mailbox – Test/ Production</td>
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