



**Quantum View<sup>SM</sup> Data Subscription  
Text File Record Layout**

January 2010

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## Summary of Changes

### Purpose of Enhancement:

Enhancements to the CSV File Layout have been made to provide visibility for a Return to Shipper (RTS) Undeliverable Return package that has an Alternate Tracking number.

### Effective Date of Enhancement:

January 4, 2010

### Technical Changes:

The following table outlines the data elements that were modified with this release.

#### Generic Activity Record Layout (G1):

Data Elements (Field Name)	Position	Byte Count	Type	Description of Changes
Package Reference Number Type 1-5	48 – 49	2	Alphanumeric	The associated code of 'UR' is applied when there is an RTS Undeliverable Return package that has an Alternate Tracking number.
	85 – 86	2		
	122 – 123	2		
	159 – 160	2		
	196 – 197	2		
Package Reference Number Value 1-5	50 – 84	35	Alphanumeric	The Alternate Tracking number displays for an RTS Undeliverable Return package that has an Alternate Tracking number.
	87 – 121	35		
	124 – 158	35		
	161 – 195	35		
	198 – 232	35		
Activity Type	371-372	2	Alphanumeric	Valid code for Alternate Tracking number is 'UR'.

## Text-Formatted Files

Text-formatted files may contain up to seven Record Layouts with each Record Layout containing Data Elements. The Record Layouts are:

1. Subscription
2. Manifest Small (M1)
3. Manifest Large (M2)
4. Generic Activity Record (G1)
5. Origin Record (O1)
6. Exception Record (E1)
7. Delivery Short (D1)
8. Delivery Long (D2)

When selecting text-formatted (flat file) files for either Quantum View Data Inbound or Quantum View Data Outbound subscriptions, the seven Record Layouts may display in any order. However, the Data Elements within each Record Layout will display in a specified order.

The following tables describe the record types that a subscriber may receive in a downloaded file based on the subscriptions/options that have been selected.

Subscription Type	Choice of Manifest		Package Activity Scans			
	Basic (M1)	Complete (M2)	Generic (G1)	Origin (O1)	Exception (E1)	Delivery (D1,D2)
<b>Quantum View Data Inbound</b>						
Inbound Notification		X	X	X	X	
Inbound and Delivery Notification		X	X	X	X	X
<b>Quantum View Data Outbound</b>						
Outbound Notification	X		X	X	X	X
Outbound Notification with Complete Manifest		X	X	X	X	X
Exception Notification	X		X		X	
Delivery Notification	X		X			X
Outbound Notification with Complete Manifest and Origin Elements		X	X	X		X
<b>Quantum View Data Alternate Billing</b>						
Outbound Notification	X		X	X	X	X
Outbound Notification with Complete Manifest		X	X	X	X	X
Exception Notification	X		X		X	
Delivery Notification	X		X			X
Outbound Notification with Complete Manifest and Origin Elements		X	X	X		X

## Subscription Record Layout

The Subscription Record Layout provides information about the request submitted for retrieval based on the services the subscriber has selected.

The following table provides detail information about the Data Elements of the Subscription Record Layout. The Data Elements are shown in the order in which they display.

Data Elements (Field Name)	Position	Byte Count	Type	Description	Comments
Record Type	1 – 2	2	Alphanumeric	Code that identifies a record by type	<i>H1</i> value identifies the record as a Subscription Record
Subscriber ID	3 – 18	16	Alphanumeric	The MyUPS User ID of the Quantum View subscriber	
Subscription Name	19 – 53	35	Alphanumeric	Name assigned to the subscription by the subscriber	
Subscription Number	54 – 69	16	Alphanumeric	System-generated number assigned by UPS that is used for support inquiries	
Query Begin Date	70 – 79	10	Alphanumeric	Beginning date for the period of the file(s) selected for download (e.g., 2003-06-01)	
Query End Date	80 – 89	10	Alphanumeric	End date for the period of the file(s) selected for download (e.g., 2003-06-01)	
Subscription File Name	90 – 105	16	Alphanumeric	File name for the file(s) that have been downloaded	This is the UPS assigned file name
File Status	106 – 118	13	Alphanumeric	An indicator flag representing the status of “read” or “unread” for the subscription file	Will always contain the value of <i>read</i> , signifying the file was requested for download

## Manifest Small Record Layout (M1)

The Manifest Small Record Layout provides information about a package as sent to UPS by the shipper.

The following table provides detail information about the Data Elements of the Manifest Small Record Layout. The Data Elements are shown in the order in which they display.

Data Elements (Field Name)	Position	Byte Count	Type	Description	Comments
Record Type	1 – 2	2	Alphanumeric	Code that identifies a record by type	<i>MI</i> = Manifest Small
Shipper Number	3 – 12	10	Alphanumeric	A shipper's account number at UPS as supplied in PLD.	
Tracking Number	13 – 47	35	Alphanumeric	Number used to identify and track a package through the UPS system	
**Informational Only** Package Reference Detail				Consists of the Package Reference Number Type and the Package Reference Number Value	Occurs five times within the file
Package Reference Number Type 1-5	48 – 49	2	Alphanumeric	Reference Type assigned to a package by a shipper. Up to five can be assigned	For example, <i>PO</i> Purchase Order Number
	85 – 86	2			
	122-123	2			
	159-160	2			
	196-197	2			
Package Reference Number Value 1-5	50 – 84	35	Alphanumeric	Reference number assigned to a package by a shipper. Up to five reference numbers can be assigned.	
	87 – 121	35			
	124-158	35			
	161-195	35			
	198-232	35			
**Informational Only** Shipment Reference Detail				Consists of the Shipper Reference Number Type and the Shipper Reference Number Value	Occurs two times within the file
Shipment reference Number Type 1-2	233-234	2	Alphanumeric	Reference type assigned to a shipment by a shipper. Up to two can be assigned	For example, <i>PO</i> = Purchase Order Number
	270-271	2			
Shipment reference Number Value 1-2	235-269	35	Alphanumeric	Reference number assigned to a shipment by a shipper. Up to two reference numbers can be assigned.	
	272-306	35			
Package Activity Time	307-312	6	Alphanumeric	Time a package event occurred within the UPS System	The time package was scanned
Package Activity Date	313-320	8	Alphanumeric	Date a package event occurred within the UPS system	For example, 20030630 = June 30, 2003
Ship To Name	321-355	35	Alphanumeric	The name of the	

Data Elements (Field Name)	Position	Byte Count	Type	Description	Comments
				person/company to whom the package was shipped	
Ship To Attention	356–390	35	Alphanumeric	The “Attention To” field for the person/company to whom the package was shipped	
Ship To Address Line 1	391–425	35	Alphanumeric	First of three lines for the address of the person/company to whom the package was shipped	
Ship To Address Line 2	426–460	35	Alphanumeric	Second of three lines for the address of the person/company to whom the package was shipped	
Ship To Address Line 3	461–495	35	Alphanumeric	Third of three lines for the address of the person/company to whom the package was shipped	
Ship To City	496–525	30	Alphanumeric	City of the person/company to whom the package was shipped	
Ship To State/Province	526–530	5	Alphanumeric	State/Province of the person/company to whom the package was shipped	
Ship To Postal Code	531–546	16	Alphanumeric	Postal Code of the person/company to whom the package was shipped (includes ZIP+4)	
Ship To Country	547–549	3	Alphanumeric	Country of the person/company to whom the package was shipped	
Ship To Phone	550–566	17	Alphanumeric	Phone number of the person/company to whom the package was shipped	
COD Amount Due	567–581	15	Numeric	The amount due on a Collect on Delivery (COD) package	Example, \$12.25 will appear as 12.25
COD Currency Type	582–584	3	Alphanumeric	Type of currency for a Collect on Delivery (COD) package as indicated in PLD by the person/company shipping the package.	Example: USD=US Dollars
Pickup Date	585–592	8	Alphanumeric	The date indicated to UPS by the shipper that the package was shipped	Example, 20030630 = June 30, 2003
Shipper Name	593–627	35	Alphanumeric	Name of the person/company shipping a package	
Shipper Address Line	628–662	35	Alphanumeric	First of three lines for the	Typically the street

Data Elements (Field Name)	Position	Byte Count	Type	Description	Comments
1				address of the person/company shipping a package	address
Shipper Address Line 2	663–697	35	Alphanumeric	Second of three lines for the address of the person/company shipping a package	Typically the room/suite/floor
Shipper Address Line 3	698–732	35	Alphanumeric	Third of three lines for the address of the person/company shipping a package	Typically the department name
Shipper City	733–762	30	Alphanumeric	City of the person/company shipping a package	
Shipper State/Province	763–767	5	Alphanumeric	State/Province of the person/company shipping the Package	
Shipper Postal Code	768–783	16	Alphanumeric	Postal Code of the person/company shipping the package (includes ZIP+4)	
Shipper Country	784–786	3	Alphanumeric	Country code (two digit) of the person/company shipping the package	Example, US =United States
Package Description	787–821	35	Alphanumeric	Description of the contents enclosed in the package	Commonly used for international shipments
Scheduled Delivery Date	822–829	8	Alphanumeric	Date a package is scheduled for delivery by UPS.	This field will not be populated for PLD Compliant Return Services within Outbound and Alternate Billing Subscriptions.
Scheduled Delivery Time	830–835	6	Currently not populated		
Special Instructions	836–870	35	Alphanumeric	Information provided for a package that describes any special instructions about the handling/delivery of the package.	

Data Elements (Field Name)	Position	Byte Count	Type	Description	Comments
UPS Service	871-873	3	Alphanumeric	A code representing the service level of the package: 001 = UPS Next Day Air/UPS Express 002 = UPS 2 <sup>nd</sup> Day Air/UPS Expedited 003 = UPS Ground 007 = UPS Worldwide Express/UPS Express 008 = UPS Worldwide Expedited/UPS Expedited 011 = UPS Worldwide Standard/UPS Standard 012 = UPS 3 Day Select 013 = UPS Next Day Air Saver/UPS Express Savers (to US) 014 = UPS Next Day Air Early A.M./UPS Express Early A.M. 021 = UPS Economy 054 = UPS Worldwide Express Plus 059 = UPS 2 <sup>nd</sup> Day A.M. 064 = UPS Express NA1 065 = UPS Saver 066 = Worldwide Express Freight 082 = UPS Today Standard 083 = UPS Today Dedicated Courier 084 = UPS Today Intercity 085 = UPS Today Express 086 = UPS Today Express Saver	
Hold for Pickup	874	1	Alphanumeric	An indicator flag to designate a package that should be held by UPS for pickup by the receiver instead of delivered to an address	1 = Hold for Pickup Spaces = Did not Hold for Pickup
Bill To Account Number	875-884	10	Alphanumeric	The UPS Account number to which the shipping charges were billed.	
Bill Option	885-886	2	Alphanumeric	Indicates how shipping charges for the package were billed.	Valid values are: 01 Shipper 02 Consignee Billing

Data Elements (Field Name)	Position	Byte Count	Type	Description	Comments
					03 Third Party 04 Freight Collect. 99 International Bill Option
Location Assured	887	1	Alphanumeric	Indicates whether the Location Assured assessorial was uploaded.	Valid values are: Y=Yes

## Manifest Large Record Layout (M2)

The Manifest Large Record Layout provides information about a package as sent to UPS by the shipper. This record contains more twenty-one more fields of data about a package than the Manifest Small record.

The following table provides detail information about the Data Elements of the Manifest Large Record Layout. The Data Elements are shown in the order in which they display.

Data Elements (Field Name)	Position	Byte Count	Type	Description	Comments
Record Type	1 – 2	2	Alphanumeric	Code that identifies a record by type	<i>M2</i> value identifies the record as Manifest Large
Shipper Number	3 – 12	10	Alphanumeric	A shipper's account number at UPS	
Tracking Number	13 – 47	35	Alphanumeric	Number used to identify and track a package through the UPS system	
**Informational Only** Package Reference Detail				Consists of the Package Reference Number Type and the Package Reference Number Value	Occurs five times within the file
Package Reference Number Type 1-5	48 – 49	2	Alphanumeric	Reference Type assigned to a package by a shipper. Up to five can be assigned (i.e. PO Number)	For example, <i>PO</i> Purchase Order Number
	85 – 86	2			
	122 – 123	2			
	159 – 160	2			
	196 – 197	2			
Package Reference Number Value 1-5	50 – 84	35	Alphanumeric	Reference number assigned to a package by a shipper. Up to five reference numbers can be assigned.	
	87 – 121	35			
	124 – 158	35			
	161 – 195	35			
	198 – 232	35			
**Informational Only** Shipment Reference Detail				Consists of the Shipper Reference Number Type and the Shipper Reference Number Value	Occurs two times within the file
Shipment reference Number Type 1-2	233 – 234	2	Alphanumeric	Reference type assigned to a shipment by a shipper. Up to two can be assigned	For example, <i>PO</i> =Purchase Order Number
	270 – 271	2			
Shipment Reference Number Value 1-2	235 – 269	35	Alphanumeric	Reference number assigned to a shipment by a shipper. Up to two reference numbers can be assigned.	
	272 – 306	35			
Package Activity Time	307 – 312	6	Alphanumeric	Time a package event occurred within the UPS System	Time the package was scanned
Package Activity Date	313 – 320	8	Alphanumeric	Date a package event	For example, 20030630

Data Elements (Field Name)	Position	Byte Count	Type	Description	Comments
				occurred within the UPS system	= June 30, 2003
Ship To Name	321 – 355	35	Alphanumeric	The name of the person/company to whom the package was shipped	
Ship To Attention	356 – 390	35	Alphanumeric	The “Attention To” field for the person/company to whom the package was shipped	
Ship To Address Line 1	391 – 425	35	Alphanumeric	First of three lines for the address of the person/company to whom the package was shipped	
Ship To Address Line 2	426 – 460	35	Alphanumeric	Second of three lines for the address of the person/company to whom the package was shipped	
Ship To Address Line 3	461 – 495	35	Alphanumeric	Third of three lines for the address of the person/company to whom the package was shipped	
Ship To City	496 – 525	30	Alphanumeric	City of the person/company to whom the package was shipped	
Ship To State/Province	526 – 530	5	Alphanumeric	State/Province of the person/company to whom the package was shipped	
Ship To Postal Code	531 – 546	16	Alphanumeric	Postal Code of the person/company to whom the package was shipped (includes ZIP+4)	
Ship To Country	547 – 549	3	Alphanumeric	Country of the person/company to whom the package was shipped	
Ship To Phone	550 – 566	17	Alphanumeric	Phone number of the person/company to whom the package was shipped	
Bill Ship To	567 – 569	3	Alphanumeric	An indicator flag that represents a package billed to a consignee. This field is populated with a value and two trailing spaces.	Y= Bill Consignee N= Did not bill consignee
Collect Bill	570 – 572	3	Alphanumeric	An indicator flag that represents a Collect on Delivery (COD) package. This field is populated with a value and two trailing spaces.	Y= COD N= Not a COD
Call Tag ARS Type	573 – 575	3	Alphanumeric	An indicator flag to	Indicates whether a

Data Elements (Field Name)	Position	Byte Count	Type	Description	Comments
				designate a Return Service package.	package is a Return Service package: 00 = No return service 01 = UPS Call Tag Service 02 = UPS Print and Mail 03 = 1 UPS Pickup Attempt 04 = UPS Print Return Label 05 = 3 UPS Pickup Attempt 06 = UPS Electronic Return Label 08 = UPS Returns on the Web
COD Amount Due	576 – 590	15	Numeric	The amount due on a Collect on Delivery (COD) package	Example, \$12.25 will appear as 00000000012.25
COD Currency Type	591 – 593	3	Alphanumeric	Type of currency for a Collect on Delivery (COD) package	Example: USD=US Dollars
Insured Monetary Value	594 – 608	15	Numeric	Declared Value in excess of \$100 for the purposes of obtaining additional protection against loss or damage.	Example, \$12.25 will appear as 00000000012.25
Document Type	609	1	Alphanumeric	An indicator flag representing that a package has documentation attached (international shipments)	1 = Letter 2 = Document 3 = Non-Document 4 = Pallet
Hazardous Materials Type	610 – 612	3	Alphanumeric	An indicator flag to designate a package contains hazardous material	Valid Values are: Spaces = No Hazardous Material 0 = Hazardous Material 1 = Electronically captured Hazardous Material / International Dangerous Goods
Package Count	613 – 621	9	Alphanumeric	The number of packages in the shipment	Example, if there is only one package it would appear as 000000001
Pickup Date	622 – 629	8	Alphanumeric	The date indicated to UPS by the shipper that the package was shipped	Example, 20030630
Ship To Location ID	630– 639	10	Alphanumeric	Unique identifier that designates a specific	

Data Elements (Field Name)	Position	Byte Count	Type	Description	Comments
				receiving location	
Shipper Name	640 – 674	35	Alphanumeric	Name of the person/company shipping a package	
Shipper Address Line 1	675 – 709	35	Alphanumeric	First of three lines for the address of the person/company shipping a package	typically the street address
Shipper Address Line 2	710 – 744	35	Alphanumeric	Second of three lines for the address of the person/company shipping a package	Typically the room/suite/floor
Shipper Address Line 3	745 – 779	35	Alphanumeric	Third of three lines for the address of the person/company shipping a package	Typically the department name
Shipper City	780 – 809	30	Alphanumeric	City of the person/company shipping a package	
Shipper State/Province	810 – 814	5	Alphanumeric	State/Province of the person/company shipping the Package	
Shipper Postal Code	815 – 830	16	Alphanumeric	Postal Code of the person/company shipping the package (includes ZIP+4)	
Shipper Country	831 – 833	3	Alphanumeric	Country code (two digit) of the person/company shipping the package	Example, US = United States
Shipment Charge Type	834 – 836	3	Currently not populated		
Length	837– 844	8	Alphanumeric	The length of the package as indicated in PLD by the person/company who shipped the package.	
Width	845–852	8	Alphanumeric	The width of the package as indicated in PLD by the person/company who shipped the package.	
Height	853–860	8	Alphanumeric	The height of the package as indicated in PLD by the person/company who shipped the package.	
Package Weight	861–867	7	Alphanumeric	The weight of the package as indicated in PLD by the person/company who shipped the package.	
Package Dimensional Weight	868–874	7	Alphanumeric	Weight of the package considering its dimensions (length, width, height) supplied in PLD.	

Data Elements (Field Name)	Position	Byte Count	Type	Description	Comments
Package Dimensions Unit of Measure	875– 877	3	Alphanumeric	Unit of measure used when calculating the dimensional weight	
Large Package Type	878	1	Alphanumeric	An indicator flag representing a large package	4 = Large package Space = Not a large package
Package Description	879–913	35	Alphanumeric	Description of the contents enclosed in the package	
Manufacture Country	914–916	3	Alphanumeric	Country of the manufacturer of the contents of the package	
Harmonized Type	917 - 951	35	Alphanumeric	A code used to represent the contents of the package	Commodity information for ratings and customs clearance purposes.
Customs Monetary Value	952–969	18	Numeric	Value of a package reported for customs (international shipments)	Last two positions are decimal.
Saturday Delivery Indicator	970	1	Alphanumeric	An indicatory flag to designate a package shipped for Saturday Delivery	Valid Values are: 1 Saturday Delivery Space Not Saturday Delivery
Scheduled Delivery Date	971–978	8	Alphanumeric	Date a package is scheduled for delivery by UPS.	This field will not be populated for PLD Compliant Return Services within Outbound and Alternate Billing Subscriptions.
Scheduled Delivery Time	979–984	6	Currently not populated		
Special Instructions	985–1019	35	Alphanumeric	Information provided for a package that describes any special instructions about the handling/delivery of the package.	
UPS Service	1020–1022	3	Alphanumeric	A code representing the service level of the package: 001 = UPS Next Day Air/UPS Express 002 = UPS 2 <sup>nd</sup> Day Air/UPS Expedited 003 = UPS Ground 007 = UPS Worldwide Express/UPS Express 008 = UPS Worldwide Expedited/UPS Expedited 011 = UPS Worldwide Standard/UPS Standard	

Data Elements (Field Name)	Position	Byte Count	Type	Description	Comments
				012 = UPS 3 Day Select 013 = UPS Next Day Air Saver/UPS Express Savers (to US) 014 = UPS Next Day Air Early A.M./UPS Express Early A.M. 021 = UPS Economy 054 = UPS Worldwide Express Plus 059 = UPS 2 <sup>nd</sup> Day A.M. 064 = UPS Express NA1 065 = UPS Saver 066 = Worldwide Express Freight 082 = UPS Today Standard 083 = UPS Today Dedicated Courier 084 = UPS Today Intercity 085 = UPS Today Express 086 = UPS Today Express Saver	
Earliest Delivery Time	1023– 1028	6	Alphanumeric	Time indicated as the earliest delivery time for an Early AM package	
Hold for Pickup	1029	1	Alphanumeric	An indicator flag to designate a package that should be held by UPS for pickup by the receiver instead of delivered to an address	1 = Hold for Pickup Spaces = Did not Hold for Pickup
Bill To Account Number	1030- 1039	10	Alphanumeric	The UPS Account number to which the shipping charges were billed.	
Bill Option	1040- 1041	2	Alphanumeric	Indicates how shipping charges for the package were billed.	Valid Values are: 01 Shipper 02 Consignee Billing 03 Third Party 04 Freight Collect 99 International Bill Option
Receiving Address Name	1042- 1076	35	Alphanumeric	Receiver's Business Party Name	
Location Assured	1077	1	Alphanumeric	Indicates whether the Location Assured assessorial was uploaded.	Valid values are: Y=Yes

## Generic Activity Record Layout (G1)

The Generic Activity Record Layout provides information about a specific activity, and the Activity Type field defines how it is used.

The following table provides detail information about the Data Elements of the Generic Activity Record Layout. The Data Elements are shown in the order in which they display.

Data Elements (Field Name)	Position	Byte Count	Type	Description	Comments
Record Type	1 – 2	2	Alphanumeric	Code that identifies a record by type	G1 = Generic activity record.
Shipper Number	3 – 12	10	Alphanumeric	A shipper's account number at UPS	
Tracking Number	13 – 47	35	Alphanumeric	Number used to identify and track a package through the UPS system	
**Informational Only** Package Reference Detail				Consists of the Package Reference Number Type and the Package Reference Number Value	Occurs five times within the file
Package Reference Number Type 1-5	48 – 49	2	Alphanumeric	Reference Type assigned to a package by a shipper. Up to five can be assigned	For example, <i>PO</i> Purchase Order Number.  The associated code of 'UR' is applied when there is an Undeliverable Return that has an Alternate Tracking number.
	85 – 86	2			
	122 – 123	2			
	159 – 160	2			
	196 – 197	2			
Package Reference Number Value 1-5	50 – 84	35	Alphanumeric	Reference number assigned to a package by a shipper. Up to five reference numbers can be assigned.	Reference number assigned to a package by a shipper. Up to five reference numbers can be assigned.  The Alternate Tracking number displays for an RTS Undeliverable Return package that has an Alternate Tracking number.
	87 – 121	35			
	124 – 158	35			
	161 – 195	35			
	198 – 232	35			
**Informational Only** Shipment Reference Detail				Consists of the Shipper Reference Number Type and the Shipper Reference Number Value	Occurs two times within the file

Data Elements (Field Name)	Position	Byte Count	Type	Description	Comments
Shipment reference Number Type 1-2	233 – 234 270 – 271	2 2	Alphanumeric	Reference type assigned to a shipment by a shipper. Up to two can be assigned	For example, <i>PO</i> =Purchase Order Number
Shipment Reference Number Value 1-2	235 – 269 272 – 306	35 35	Alphanumeric	Reference number assigned to a shipment by a shipper. Up to two reference numbers can be assigned.	
Package Activity Time	307 – 312	6	Alphanumeric	Time a package event occurred within the UPS System	Time the package was scanned
Package Activity Date	313 – 320	8	Alphanumeric	Date a package event occurred within the UPS system	For example, 20030630 = June 30, 2003
UPS Location	321 – 350	30	Alphanumeric	The location name of the UPS facility	<b>For Future Use</b>
UPS Location State/Province	351 - 355	5	Alphanumeric	The State/Province where the UPS facility is located	<b>For Future Use</b>
UPS Location Country	356 – 358	3	Alphanumeric	The Country Code for the location of the UPS facility	<b>For Future Use</b>
Bill To Account Number	359-368	10	Alphanumeric	The UPS Account number to which the shipping charges were billed.	
Bill Option	369-370	2	Alphanumeric	Indicates how shipping charges for the package were billed.	Valid Values are: 01 Shipper 02 Consignee Billing 03 Third Party 04 Freight Collect 99 International Bill Option
Activity Type	371-372	2	Alphanumeric	Code that identifies record by specific activity type	<i>VM = Void for the manifest.</i> <i>UR = Alternate Tracking number</i>
Re-Scheduled Delivery Date	373-380	8	Alphanumeric	<b>Future Use</b>	<b>Future Use</b>
Ship to Location ID	381-390	10	Alphanumeric	Unique identifier for a specific receiving location.	
Receiving Address Name	391-425	35	Alphanumeric	Unique identifier that designates a specific receiving location	
UPS Service	426-428	3	Alphanumeric	A code representing the service level of the package: 001 = UPS Next Day Air/UPS Express	

Data Elements (Field Name)	Position	Byte Count	Type	Description	Comments
				002 = UPS 2 <sup>nd</sup> Day Air/UPS Expedited 003 = UPS Ground 007 = UPS Worldwide Express/UPS Express 008 = UPS Worldwide Expedited/UPS Expedited 011 = UPS Worldwide Standard/UPS Standard 012 = UPS 3 Day Select 013 = UPS Next Day Air Saver/UPS Express Savers (to US) 014 = UPS Next Day Air Early A.M./UPS Express Early A.M. 021 = UPS Economy 054 = UPS Worldwide Express Plus 059 = UPS 2 <sup>nd</sup> Day A.M. 064 = UPS Express NA1 065 = UPS Saver 066 = Worldwide Express Freight 082 = UPS Today Standard 083 = UPS Today Dedicated Courier 084 = UPS Today Intercity 085 = UPS Today Express 086 = UPS Today Express Saver	

## Origin Record Layout

The Origin Record Layout provides information about the original scan of the package.

The following table provides detail information about the Data Elements of the Origin Record Layout. The Data Elements are shown in the order in which they display.

Data Elements (Field Name)	Position	Byte Count	Type	Description	Comments
Record Type	1 – 2	2	Alphanumeric	Code that identifies a record by type	<i>OI</i> = Origin Record
Shipper Number	3 – 12	10	Alphanumeric	A shipper's account number at UPS	
Tracking Number	13 – 47	35	Alphanumeric	Number used to identify and track a package through the UPS system	
**Informational Only** Package Reference Detail				Consists of the Package Reference Number Type and the Package Reference Number Value	Occurs five times within the file
Package Reference Number Type 1-5	48 – 49	2	Alphanumeric	Reference Type assigned to a package by a shipper. Up to five can be assigned	For example, <i>PO</i> Purchase Order Number
	85 – 86	2			
	122 – 123	2			
	159 – 160	2			
	196 – 197	2			
Package Reference Number Value 1-5	50 – 84	35	Alphanumeric	Reference number assigned to a package by a shipper. Up to five reference numbers can be assigned.	
	87 – 121	35			
	124 – 158	35			
	161 – 195	35			
	198 – 232	35			
**Informational Only** Shipment Reference Detail				Consists of the Shipper Reference Number Type and the Shipper Reference Number Value	Occurs two times within the file
Shipment reference Number Type 1-2	233 – 234	2	Alphanumeric	Reference type assigned to a shipment by a shipper. Up to two can be assigned	For example, <i>PO</i> =Purchase Order Number
	270 – 271	2			
Shipment Reference Number Value 1-2	235 – 269	35	Alphanumeric	Reference number assigned to a shipment by a shipper. Up to two reference numbers can be assigned.	
	272 – 306	35			
Package Activity Time	307 – 312	6	Alphanumeric	Time a package event occurred within the UPS System	Time the package was scanned
Package Activity Date	313 – 320	8	Alphanumeric	Date a package event occurred within the UPS system	For example, 20030630 = June 30, 2003
UPS Location	321 – 350	30	Alphanumeric	The location name of the UPS facility	

Data Elements (Field Name)	Position	Byte Count	Type	Description	Comments
UPS Location State/Province	351 - 355	5	Alphanumeric	The State/Province where the UPS facility is located	
UPS Location Country	356 – 358	3	Alphanumeric	The Country Code for the location of the UPS facility	US United States
Bill To Account Number	359-368	10	Alphanumeric	The UPS Account number to which the shipping charges were billed.	
Bill Option	369-370	2	Alphanumeric	Indicates how shipping charges for the package were billed.	Valid Values are: 01 Shipper 02 Consignee Billing 03 Third Party 04 Freight Collect 99 International Bill Option
Scheduled Delivery Date	371-378	8	Alphanumeric	Date a package is scheduled for delivery by UPS; based on the date information is uploaded to UPS by the person/company who shipped the package as supplied in PLD. (Note: For PLD-Compliant Return Services only. In Outbound and Alternate Billing subscriptions, the Scheduled Delivery Date will not be populated in the Manifest Record. Instead, the Scheduled Delivery Date will be provided in the Origin Record at the time the Return Service package is moving within the UPS system.	01 = Origin Record
Scheduled Delivery Time	379-384	6	Alphanumeric	Currently not populated.	

## Exception Record Layout

The Exception Record Layout provides information about any packages with an exception that causes a change in the scheduled delivery day of the package.

The following table provides detail information about the Data Elements of the Exception Record Layout. The Data Elements are shown in the order in which they display.

Data Elements (Field Name)	Position	Byte Count	Type	Description	Comments
Record Type	1 – 2	2	Alphanumeric	Code that identifies a record by type	<i>EI</i> = Exception Record
Shipper Number	3 – 12	10	Alphanumeric	A shipper's account number at UPS	
Tracking Number	13 – 47	35	Alphanumeric	Number used to identify and track a package through the UPS system	
**Informational Only** Package Reference Detail				Consists of the Package Reference Number Type and the Package Reference Number Value	Occurs five times within the file
Package Reference Number Type 1-5	48 – 49	2	Alphanumeric	Reference Type assigned to a package by a shipper. Up to five can be assigned	For example, <i>PO</i> Purchase Order Number
	85 – 86	2			
	122 – 123	2			
	159 – 160	2			
	196 – 197	2			
Package Reference Number Value 1-5	50 – 84	35	Alphanumeric	Reference number assigned to a package by a shipper. Up to five reference numbers can be assigned.	
	87 – 121	35			
	124 – 158	35			
	161 – 195	35			
	198 – 232	35			
**Informational Only** Shipment Reference Detail				Consists of the Shipper Reference Number Type and the Shipper Reference Number Value	Occurs two times within the file

Data Elements (Field Name)	Position	Byte Count	Type	Description	Comments
Shipment reference Number Type 1-2	233 – 234 270 – 271	2 2	Alphanumeric	Reference type assigned to a shipment by a shipper. Up to two can be assigned	For example, <i>PO</i> =Purchase Order Number
Shipment Reference Number Value 1-2	235 – 269 272 – 306	35 35	Alphanumeric	Reference number assigned to a shipment by a shipper. Up to two reference numbers can be assigned.	
Package Activity Time	307 – 312	5	Alphanumeric	Time a package event occurred within the UPS System	Time the package was scanned
Package Activity Date	313 – 320	8	Alphanumeric	Date a package event occurred within the UPS system	For example, 20030630 = June 30, 2003
UPS Location	321 – 350	30	Alphanumeric	The location name of the UPS facility	
UPS Location State/Province	351- 355	5	Alphanumeric	The State/Province where the UPS facility is located	
UPS Location Country	356 - 358	3	Alphanumeric	The Country Code for the location of the UPS facility	<i>US</i> United States
Exception Reason Description	359 – 478	120	Alphanumeric	Description of the reason for a package exception	For example, weather delay
Exception Status Description	479 – 598	120	Alphanumeric	Description of the status for a package that has an exception	
Exception Resolution Type	599 – 600	2	Alphanumeric	Resolution of a package that had an exception	
Exception Resolution Description	601 – 720	120	Alphanumeric	Description of the resolution of a package that had an exception	For example, Released from customs
Rescheduled Delivery Date	721 – 728	8	Alphanumeric	Date a package is scheduled for delivery if an exception changes the original scheduled delivery date	
Rescheduled Delivery Time	729 – 734	6	Currently not populated		
Updated Ship To Name	735 – 769	35	Alphanumeric	An update to a receiver's name as a result of an exception	
Updated Ship To Street Number	770 – 780	11	Alphanumeric	An update to a receiver's street number as a result of exception	
Updated Ship To Street Prefix	781 – 782	2	Alphanumeric	An update to a receiver's street prefix as a result of exception	
Updated Ship To Street Name	783 – 812	30	Alphanumeric	An update to a receiver's street name as a result of	

Data Elements (Field Name)	Position	Byte Count	Type	Description	Comments
				exception	
Updated Ship To Street Type	813 – 816	4	Alphanumeric	An update to a receiver's street type as a result of an exception	
Updated Ship To Street Suffix	817 – 818	2	Alphanumeric	An update to a receiver's street suffix as a result of exception	
Updated Ship To Building Name	819 – 821	3	Alphanumeric	An update to a receiver's building name as a result of an exception	
Updated Ship To Room/Suite/ Floor	822 – 829	8	Alphanumeric	An update to a receiver's room, suite, or floor as a result of an exception.	
Updated Ship To City	830 – 859	30	Alphanumeric	An update to a receiver's city as a result of an exception	
Updated Ship To Political Division 3	860 – 889	30	Alphanumeric	An update to a receiver's political division 3 as a result of an exception	
Updated Ship To State/Province	890 – 894	5	Alphanumeric	An update to a receiver's State/Province as a result of an exception	
Updated Ship To Postal Code	895 – 910	16	Alphanumeric	An update to a receiver's postal code as a result of an exception	
Updated Ship To Country	911–913	3	Alphanumeric	An update to a receiver's country as a result of exception	
Bill To Account Number	914-923	10	Alphanumeric	The UPS Account number to which the shipping charges were billed.	
Bill Option	924-925	2	Alphanumeric	Indicates how shipping charges for the package were billed.	Valid Values are: 01 Shipper 02 Consignee Billing 03 Third Party 04 Freight Collect 99 International Bill Option
Exception Reason Code	926-927	2	Alphanumeric	Package Exception Reason Code	
Exception Status Code	928-929	2	Alphanumeric	Package Exception Status Code	

## Delivery Short Record Layout

The Delivery Short Record Layout provides information about a package when it delivered and the data is transmitted by the UPS Driver.

The following table provides detail information about the Data Elements of the Delivery Short Record Layout. The Data Elements are shown in the order in which they display.

Data Elements (Field Name)	Position	Byte Count	Type	Description	Comments
Record Type	1 – 2	2	Alphanumeric	Code that identifies a record by type	<i>DI</i> Delivery Short
Shipper Number	3 – 12	10	Alphanumeric	A shipper's account number at UPS	
Tracking Number	13 – 47	35	Alphanumeric	Number used to identify and track a package through the UPS system	
**Informational Only** Package Reference Detail				Consists of the Package Reference Number Type and the Package Reference Number Value	Occurs five times within the file
Package Reference Number Type 1-5	48 – 49	2	Alphanumeric	Reference Type assigned to a package by a shipper. Up to five can be assigned	For example, <i>PO</i> Purchase Order Number
	85 – 86	2			
	122–123	2			
	159–160	2			
	196–197	2			
Package Reference Number Value 1-5	50 – 84	35	Alphanumeric	Reference number assigned to a package by a shipper. Up to five reference numbers can be assigned.	
	87 – 121	35			
	124–158	35			
	161–195	35			
	198–232	35			
**Informational Only** Shipment Reference detail				Consists of Shipper Reference Number Type and Value	Occurs two times
Shipment Reference Number Type 1-2	233–234	2	Alphanumeric	Reference type assigned to a shipment by a shipper. Up to two can be assigned	For example, <i>PO</i> =Purchase Order Number
	270–271	2			
Shipment Reference Number Value 1-2	235–269	35	Alphanumeric	Reference number assigned to a shipment by a shipper. Up to two reference numbers can be assigned.	
	272–306	35			
Package Activity Time	307–312	6	Alphanumeric	Time a package event occurred in the UPS System	Time package was scanned
Package Activity Date	313–320	8	Alphanumeric	Date a package event occurred within the UPS system	For example, 20030630 = June 30, 2003
UPS Location	321–350	30	Alphanumeric	The location name of the UPS facility	

<b>Data Elements (Field Name)</b>	<b>Position</b>	<b>Byte Count</b>	<b>Type</b>	<b>Description</b>	<b>Comments</b>
UPS Location State/Province	351-355	5	Alphanumeric	The State/Province where the UPS facility is located	
UPS Location Country	356-358	3	Alphanumeric	The Country Code for the location of the UPS facility	For example, <i>US</i> United States
Driver Release	359-398	40	Alphanumeric	Indicator flag designating a package was Driver Released	Valid Values are: <i>1</i> Driver Released <i>Spaces</i> Not Driver Released
Delivery Location	399-413	15	Alphanumeric	Location where a package was left	Example: Front Porch
Residential Address Indicator	414	1	Alphanumeric	An indicator with a code that designates “residential” or “commercial”	<i>1</i> Residential <i>Spaces</i> Commercial
Signed For By	415-449	35	Alphanumeric	Name of the person who signed for the package	
Bill To Account Number	450-459	10	Alphanumeric	The UPS Account number to which the shipping charges were billed.	
Bill Option	460-461	2	Alphanumeric	Indicates how shipping charges for the package were billed.	Valid Values are: <i>01</i> Shipper <i>02</i> Consignee Billing <i>03</i> Third Party <i>04</i> Freight Collect <i>99</i> International Bill Option

## Delivery Long Record Layout

The Delivery Long Record Layout provides detailed information about a delivery. This data is transmitted when the UPS Driver returns to the UPS facility and uploads the Delivery Information Acquisition Device (DIAD).

The following table provides detail information about the Data Elements of the Delivery Long Record Layout. The Data Elements are shown in the order in which they display.

Data Elements (Field Name)	Position	Byte Count	Type	Description	Comments
Record Type	1 – 2	2	Alphanumeric	Code that identifies a record by type	D2 value identifies the record as a Delivery Long
Shipper Number	3 – 12	10	Alphanumeric	A shipper's account number at UPS	
Tracking Number	13 – 47	35	Alphanumeric	Number used to identify and track a package through the UPS system	
**Informational Only** Package Reference Detail				Consists of the Package Reference Number Type and the Package Reference Number Value	Occurs five times within the file
Package Reference Number Type 1-5	48 – 49	2	Alphanumeric	Reference Type assigned to a package by a shipper. Up to five can be assigned	For example, <i>PO</i> Purchase Order Number
	85 – 86	2			
	122 – 123	2			
	159 – 160	2			
	196 – 197	2			
Package Reference Number Value 1-5	50 – 84	35	Alphanumeric	Reference number assigned to a package by a shipper. Up to five reference numbers can be assigned.	
	87 – 121	35			
	124 – 158	35			
	161 – 195	35			
	198 – 232	35			
**Informational Only** Shipment Reference Detail				Consists of the Shipper Reference Number Type and the Shipper Reference Number Value	Occurs two times within the file
Shipment reference Number Type 1-2	233 – 234	2	Alphanumeric	Reference type assigned to a shipment by a shipper. Up to two can be assigned	For example, <i>PO</i> =Purchase Order Number
	270 – 271	2			
Shipment Reference Number Value 1-2	235 – 269	35	Alphanumeric	Reference number assigned to a shipment by a shipper. Up to two reference numbers can be assigned.	
	272 – 306	35			
Package Activity Time	307 – 312	6	Alphanumeric	Time a package event occurred within the UPS System	Time the package was scanned
Package Activity Date	313 – 320	8	Alphanumeric	Date a package event	For example, 20030630

Data Elements (Field Name)	Position	Byte Count	Type	Description	Comments
				occurred within the UPS system	= June 30, 2003
UPS Location	321 – 350	30	Alphanumeric	The location name of the UPS facility	
UPS Location State/Province	351 - 355	5	Alphanumeric	The State/Province where the UPS facility is located	
UPS Location Country	356 - 358	3	Alphanumeric	The Country Code for the location of the UPS facility	For example, <i>US</i> United States
Delivery Name	359 – 393	35	Alphanumeric	Name of the person/company to which the package was actually delivered.	
Delivery Street Number	394 - 404	11	Alphanumeric	Street number to which the package was actually delivered.	
Delivery Street Prefix	405 – 406	2	Alphanumeric	Street prefix to which the package was actually delivered.	For example, <i>NE</i> North East <i>SE</i> South East
Delivery Street Name	407 – 436	30	Alphanumeric	Street name to which the package was actually delivered.	
Delivery Street Type	437 – 440	4	Alphanumeric	Street type to which the package was actually delivered.	For example: <i>Rd</i> Road <i>St</i> Street
Delivery Street Suffix	441 – 442	2	Alphanumeric	Street suffix to which the package was actually delivered.	For example, <i>NE</i> North East <i>SE</i> South East
Delivery Building Name	443 – 445	3	Alphanumeric	Building name to which the package was actually delivered.	
Delivery Room/ Suite/Floor	446 – 453	8	Alphanumeric	Room/Suite/Floor to which the package was actually delivered.	
Delivery City	454 – 483	30	Alphanumeric	City to which the package was actually delivered.	
Delivery Political Division 3	484 – 513	30	Alphanumeric	Actual delivery political division 3 location	
Delivery State/Province	514 – 518	5	Alphanumeric	Actual Delivery State/Province location	
Delivery Postal Code	519 – 534	16	Alphanumeric	Postal Code to which the package was actually delivered.	
Delivery Country	535 – 537	3	Alphanumeric	Country to which the package was actually delivered.	
Driver Release	538 – 577	40	Alphanumeric	Indicator flag designating a package was Driver Released	
Delivery Location	578 – 592	15	Alphanumeric	Location where a package	

Data Elements (Field Name)	Position	Byte Count	Type	Description	Comments
				was left	
Residential Address Indicator	593	1	Alphanumeric	An indicator with a code that designates “residential” or “commercial”	<i>1 Residential Space Commercial</i>
COD Amount Collected	594 – 606	13	Numeric	The amount collected on a Collect on Delivery (COD) package This value will contain the entire amount collected for a Shipper Number Account for all packages delivered to a particular location on one day. If the COD Collected Currency Type is “MCC”, multiple currencies were collected and is unable to be displayed	

<b>Data Elements (Field Name)</b>	<b>Position</b>	<b>Byte Count</b>	<b>Type</b>	<b>Description</b>	<b>Comments</b>
COD Collected Currency Type	607 – 609	3	Alphanumeric	Type of currency collected for a Collect on Delivery (COD) package. The type “MCC” is displayed if multiple currency types are collected. This will cause a blank to be presented in the COD Amount Collected field.	Example, <i>USD</i> US Dollars
COD Value Decimal	610	1	Numeric	The number of decimal places in the field COD Amount Collected. The data in the COD Amount Collected field contains a string of numbers. The decimal number is needed to provide the actual amount collected.	
Signed For By	611 – 645	35	Alphanumeric	Name of the person who signed for the package.	
Bill To Account Number	646-655	10	Alphanumeric	The UPS Account number to which the shipping charges were billed.	
Bill Option	656-657	2	Alphanumeric	Indicates how shipping charges for the package were billed.	Valid Values are: <i>01</i> Shipper <i>02</i> Consignee Billing <i>03</i> Third Party <i>04</i> Freight Collect <i>99</i> International Bill Option