Technical What’s New Guide
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Disclaimer

All Improper Transaction scenarios are for example only. They do not reflect all error condition scenarios.
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About This Document

The FedEx Ship Manager® Server Technical What’s New Guide provides technical information about features in this release. It contains descriptions of new features, transactions and transaction fields that make up the new functionality and enhancements included in the software since the v 13.0.1 release. This document is not intended for use as a coding reference or as a detailed technical specification of the new features. Details for all features described in this document are included in the FedEx Ship Manager Server® Transaction Coding Reference Guide and the FedEx Ship Manager Server® Developer Guide.

Note: This document lists the data elements for this release of the FedEx Ship Manager Server. This data is subject to change before the production release.

Audience

This document is intended for these audiences:

- Shipper managers, users, or developers interested in obtaining FedEx Ship Manager Server
- Customer managers, users, or developers using FedEx Ship Manager Server for the first time
- Customer managers, users, or developers already using FedEx Ship Manager Server and wanting to learn about the new and enhanced features in this release.
- Managers, users, or developers in third-party development organizations

Conventions

This guide uses the following conventions in the text.

- Sample transaction code is formatted in Courier New.
- Important notices begin with the word “Note.”
- In task instructions, software user interface elements are shown in bold.
- Names of documents are shown in italics.
- Names of FedEx Ship Manager Server transactions are shown in italics, as for example, the 020/120 Global Ship Request/Reply.
- First occurrence of a term is italicized followed by a definition.
- Cross-references are in purple.
Resources

- FedEx Ship Manager® Server Installation and Configuration Guide
- FedEx Ship Manager® Server Developer Guide
- FedEx Ship Manager® Server Technical What’s New Guide
- FedEx Ship Manager® Server Transaction Coding Reference Guide
- FedEx Services At-a-Glance: fedex.com/us/services/ataglance.html
- FedEx Developer Resource Center: fedex.com/developer

Support

- Contact support on the web at fedex.com.
- For technical support, call 1.877.339.2774 and state “FedEx Ship Manager Server” at the voice prompt.
- Support hours are Monday through Friday, 7:00 a.m. to 9:00 p.m. CST, and Saturday, 9:00 a.m. to 3:00 p.m. CST.

FedEx Service Guide

- Within this guide, you may be asked to refer to the FedEx Service Guide for details about FedEx services, packaging, and other information. To view or download the U.S. guide, go to fedex.com/us/service-guide and click the Download now option in the gray box on the left.

FedEx Electronic Export Information Filing Options (United States only)

- If you are a U.S. shipper and your U.S. export shipments require EEI filing (Electronic Export Information, formerly known as Shipper’s Export Declaration, SED) go to http://www.fedex.com/us/electronic-export-information/filing.html for more information.
1 New or Enhanced Services

The following describes all the new and enhanced FedEx services.

1.1 International Commercial Terms

The International Commercial Terms (INCOTERMS) rules or International Commercial terms are a series of pre-defined commercial terms published by the International Chamber of Commerce (ICC) widely used in international commercial transactions. This feature applies to FedEx Express, FedEx Ground and FedEx LTL Freight Services.

Printing of combined INCOTERMS has been modified as follows:

<table>
<thead>
<tr>
<th>Table 1: INCOTERMS Value to Print</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Existing Combined INCOTERMS Description</th>
<th>3 Character INCOTERM Value to Print</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCA/FOB - Free Carrier/Free On Board</td>
<td>FCA</td>
</tr>
<tr>
<td>CIP/CIF - Cost Insurance &amp; Freight/Carriage, Insurance Paid</td>
<td>CIP</td>
</tr>
<tr>
<td>CPT/C&amp;F - Carriage Paid To/Cost&amp;Freight</td>
<td>CPT</td>
</tr>
</tbody>
</table>

1.1.1 Field Updates for INCOTERMS

The following lists the new and updated fields for INCOTERMS. Refer to the FedEx Ship Manager® Server (FSMS) Transaction Coding Reference Guide for more information.

1.1.1.1 New Fields

- Field ID 4099 — Terms of Sale Description
  - Field to allow customers to provide a free form Terms of Sale

  Note: When field 72 (Terms of Sale) is set to ‘9’ (Other), FSMS prints the value from field 4099 in the Doc Tab section of the label.

1.1.1.2 Updated Fields

- Field ID 72 - Terms of Sale
  - Added a new valid value:
    - 9 – Other
Note: 5-Obsole is no longer a valid value for selection.

If the value of field 72 (Terms of Sale) is set to '9' (Other), FSMS prints the value in field 4099 (Terms of Sale Description) in the Terms of Sale field on the following reports:

- Commercial Invoice (CI)
- ProForma Invoice (PI)
- Consolidated Commercial Invoice (CCI) for Distributed Express International (IPD, IDF, IED)
- Consolidated Commercial Invoice (CCI) for Distributed Ground (IGD, IGDD)
- Consolidated Commercial Invoice (CCI) for Transborder Distribution (TD)

1.1.1.3 Affected Transactions

The following transactions are affected by the enhancement of Field ID 72- Terms of Sale and Field ID 4099 - Terms of Sale Description

- 020/120 - Global Shipping Transaction
- 060/160 LTL Freight Shipping Transaction
- 095/195 Reprint Transaction Request/Reply

Note: The above transactions are valid only when FSMS allows field # 72 (Terms of Sale) with a value of ‘9’ (Other)

1.1.2 Error Codes

The following lists the modified error codes for INCOTERMS. Refer to the FSMS Transaction Coding Reference Guide for more information.

1.1.2.1 Modified Error Codes

- 0623 – “Terms of Sale required” - condition updated
- 0602 – “Invalid Terms of Sale” – condition updated

1.2 FedEx Freight

FedEx Freight customs documents will now be returned to the customer in PDF format only. As a result, the ability to reprint the documents will not be supported.

1.2.1 Field Updates for FedEx Freight

The following lists the new and updated fields for FedEx Freight. Refer to the FSMS Transaction Coding Reference Guide for more information.
1.2.1.1 **Updated Fields**

- 1935 – Reprint Type – condition updated
- 1297 - Customer Invoice number supports FedEx Freight (FXFR) shipping

1.2.1.2 **Affected Transactions**

The following transactions are impacted by this feature:

- 060/160 - Freight Create BOL Transaction
- 095/195 - Label Reprint Transaction

1.2.1.3 **Valid Dimensions for Signature and Letterhead Images**

- **Signature**
  - Maximum Height = 25 pixels
  - Maximum Width = 240 pixels
- **Letterhead**
  - Maximum Height = 50 pixels
  - Maximum Width = 700 pixels

*Note: The image file size limit of 1 MB applies for Signature and Letterhead images.*

1.2.1.4 **Freight Customs Documents**

The following functionality changes are made to Freight customs documents:

- To print (or save) Freight customs documents to a file, PDF is only the format type available.
- CI Company Letterhead Header functionality for the Freight customs documents will no longer be available
- Report reprint functionality for the Freight customs documents will no longer be available.

The following filenames are applicable for Freight customs documents:

<table>
<thead>
<tr>
<th>Freight Customs Document</th>
<th>Filename</th>
</tr>
</thead>
<tbody>
<tr>
<td>Universal Commercial Invoice</td>
<td>Commercial_Invoice_[PRONUMBER].pdf</td>
</tr>
<tr>
<td>NAFTA Certificate of Origin</td>
<td>NAFTA_Certificate_[PRONUMBER].pdf</td>
</tr>
</tbody>
</table>

*Note: The PRO Number of the shipment goes where [PRONUMBER] is in the above table.*
1.2.2 Error Codes

The following lists the new error codes for FedEx Freight. Refer to the *FSMS Transaction Coding Reference Guide* for more information.

1.2.2.1 New Error Codes

- 1310 – Please enter a valid image ID.
- 1315 – Please enter a valid image ID.
- 1320 – Your selected image does not have any data.
- 1325 - The file you entered is corrupted by a virus and cannot be uploaded. Please use virus scanning software to sanitize the file prior to submitting it.
- 1330 – Your selected image exceeds the max resolution of 700 pixels wide by 50 pixels long.
- 1355 – Your selected image is invalid.
- 5093 – Unable to upload specified images.

1.3 International Economy DirectDistribution

For FedEx International Economy DirectDistribution shipment, the shipper is not restricted to only two consignees.

1.3.1 Error Codes

The following lists the modified error codes for International Economy DirectDistribution. Refer to the *FSMS Transaction Coding Reference Guide* for more information.

1.3.1.1 Modified Error Codes

- 4033 - "An IPD/IED shipment must consist of at least 2 unique consignees" - condition updated

1.4 FedEx Express Hold At FedEx Location

FedEx Express Hold at FedEx Location (HAL) service is available for customers who want to pick up a package at a designated FedEx location. For example, approved wine shippers who want to use the FedEx Express Hold at FedEx Location service for consumers who would prefer to pick up their wine shipments from a FedEx Office® (FXO) or FedEx Express counter location.

Since the HAL selection feature has changed from direct address entry to search/select, FXO locations are no longer selected for FedEx Express shipments when an HAL address is imported for a
batch/passport transaction using an integration tool, even if the FXO location indicator is selected. The HAL from integration should follow the rules below:

When HAL address is imported, select default location based on Service and HAL flag (e.g., if Express shipment with FXO flag and HAL zip imported, then select Office default location for zip). Rules around HAL for service should be maintained (i.e., Ground cannot go to an Express station).

### 1.4.1 Field Updates for HAL Service

The following lists the updated fields for the FedEx Express intra-country expanded services. Refer to the *FSMS Transaction Coding Reference Guide* for more information.

#### 1.4.1.1 Updated Fields

- 3145 – HAL Location Type – Functionality updated
- 3147 – HAL Location Phone Number – Condition updated

### 1.4.2 Error Codes

The following lists the modified error code for HAL Service. Refer to the *FSMS Transaction Coding Reference Guide* for more information.

#### 1.4.2.1 Modified Error Codes

- 0272 - “Recipient phone number cannot be left blank.” – Condition updated.

### 1.5 FedEx SmartPost Delivery Area Surcharge

The FedEx SmartPost (FXSP) Delivery Area Surcharge (DAS) will apply to packages that are shipped outbound to remote destinations. Shipping to these remote destinations requires FXSP to pay higher postage. FXSP will be able to price customers at lower rates by adding a surcharge to cover the expected higher postage amounts to these destinations.

#### 1.5.1 Field Updates

The following lists the new and updated fields for FedEx SmartPost Delivery Area Surcharge. Refer to the *FSMS Transaction Coding Reference Guide* for more information.

#### 1.5.1.1 Updated Fields

- Field 1947-Dynamic Surcharge Code
The following values have been added to field 1947-Dynamic Surcharge Code for the SmartPost DAS:
  o 500 – Delivery Area Surcharge
  o 511 – Delivery Area
  o 512 – Delivery Area Surcharge Alaska
  o 513 – Delivery Area Surcharge Hawaii
  o 514 – Delivery Area Surcharge Intra-Hawaii
• Field 2848-Alternate Dynamic Surcharge Code
  The following values are added to field 2848-Alternate Dynamic Surcharge Code for the SmartPost DAS:
  o 500 – Delivery Area Surcharge
  o 511 – Delivery Area
  o 512 – Delivery Area Surcharge Alaska
  o 513 – Delivery Area Surcharge Hawaii
  o 514 – Delivery Area Surcharge Intra-Hawaii
• Field 3121- Doc-tab Values
  The doc-tab data element “568 – Delivery Area Surcharge Amount” has been added to field 3121-Doc-tab values.
• Field 1998 – Delivery Area Surcharge Description
  The following values have been added to field 1998 – Delivery Area Surcharge Description for the SmartPost DAS:
  o Delivery Area Surcharge
  o Delivery Area Surcharge Extended
  o Delivery Area Surcharge Alaska
  o Delivery Area Surcharge Hawaii
  o Delivery Area Surcharge Intra-Hawaii
• Field 1619 – Doc-tab type
• Field 554 - Delivery Area Surcharge will continue to be used to provide customers with the surcharge amount and expanded to support the SmartPost Delivery Area Surcharges.

### 1.6 Intra-UK Shipment

FSMS will allow intra-UK shipments and the updates mentioned here describe the FedEx UK integration.
1.6.1 Field Updates to Intra-UK Shipment

The following lists the new and updated fields for the FedEx Intra-UK Shipment. Refer to the FSMS Transaction Coding Reference Guide for more information.

1.6.1.1 New Fields

- **1795 - Hold at Location Surcharge.**
  - This field reflects the Hold At Location Surcharge. Note that normally these types of surcharge fields are considered discounted surcharge fields. This will be returned for all transactions requesting rating information.

- **2917 - 2D Barcode**
  - Returned 2D Barcode string from label service

- **4031 - Fully Regulated Dangerous Goods (FDG) Surcharge**
  - The discounted surcharge amount for Fully Regulated Dangerous Goods.

- **4032 - Limited Quantities Dangerous Goods (LDG) Surcharge**
  - The discount surcharge amount for Limited Quantities Dangerous Goods.

- **4033 - List Fully Regulated Dangerous Goods (FDG) Surcharge**
  - The list surcharge amount for Fully Regulated Dangerous Goods.

- **4034 - List Limited Quantities Dangerous Goods (LDG) Surcharge**
  - The list surcharge amount for Limited Quantities Dangerous Goods.

- **4035 - Alternate Fully Regulated Dangerous Goods (FDG) Surcharge**
  - The alternate surcharge amount for Fully Regulated Dangerous Goods.

- **4036 - Alternate Limited Quantities Dangerous Goods (LDG) Surcharge**
  - The alternate surcharge amount for Limited Quantities Dangerous Goods.

- **4941 - Inner Receptacle Quantity**
  - The net quantity of Dangerous Good commodity contained within the inner receptacles.

- **4942 - Inner Receptacle Unit**
  - The units of measure of inner receptacle containers

- **4943 - Tunnel Restriction Code**
  - Transportation tunnel restriction code based on hazard class & packing group of the commodity. This data is returned by the DGHZ and is pulled from the ADR table.

- **4944 - Attributes**
Internal Use Only - ADR transportation verbiage requirement for movement of commodity.

- 4945 - Mass Points
  - Calculated value provided by the DGHZ Service based on the volume and risk provided for DG Commodity for Fully Regulated shipments.

- 4948 - ADR Regulation Indicator
  - This field designates what type of “ADR Regulated” commodity is contained within the shipment.

- 4949 - ADR License Number
  - This is the customer contract license number used in conjunction with the ADR Regulation Indicator. This data element is initially received via a successful rate download for the offline devices and utilized during shipping. This information is only needed for custom labels generation.

### 1.6.1.2 Updated Fields for the United Kingdom

- 3021 - Special Delivery Instructions – Field name changed and condition updated
- 3199 – Domestic Content Description – Condition updated
- 1796 – List Hold at Location Surcharge – Field length updated
- 1797 – Alternate Hold at Location Surcharge – Field length updated
- 1945 - Dynamic Surcharge Code – condition updated
- 1947 - Dynamic Surcharge Code – condition updated
- 2848 - Alternate Surcharge Code – condition updated
- 1990 – Special Services Accessorial Name – Values updated
- 3121 - Doc Tab Value – New Doc Tab elements added
- **1053 - Download Flag** – Note added
- 1373 - Report Code – New report codes added
  - 075 – ADR Shippers Declaration
  - 076 – Detailed Delivery Manifest

### 1.6.1.3 Affected Transactions

#### 1.6.1.3.1 Freight

- 020 Shipping Transaction for Intra-UK Freight or Non Freight shipment:
New or Enhanced Services

1.6.1.3.2 Multiple Piece Shipment

- 020 Shipping Transaction for Intra-UK outbound (non return) Multi Piece shipment:
  - Fields Affected - field 1274 set to 32 (FedEx 1 Day Freight)
  - Field Affected - field 1273 set to 02 for FedEx Pak

1.6.1.3.3 Declared Value

- 020 Shipping Transaction for Intra-UK shipment with the Declared Value/Carriage Value:
  - Fields Affected - Field 69

Refer to the FSMS Transaction Coding Reference Guide for more information.

1.6.2 Error Codes

The following lists the modified error codes for the United Kingdom. Refer to the FSMS Transaction Coding Reference Guide for more information.

1.6.2.1 Modified Error Codes

- 0122 – ‘Invalid currency type’ – condition updated
- 2025 - ‘Width cannot be greater than the maximum allowed’ – condition updated
- 2083 - ‘Height cannot be greater than the maximum allowed’ – condition updated
- 2087 - ‘This Service does not allow Multiple-Piece Shipments’ – condition updated
- 2253 - ‘The limit for Declared Value has been exceeded’ – condition updated
- 2763 – ‘Multiple Piece Shipping is not valid for this type of shipment’ – condition updated
- 2428 – ‘Intra country dangerous goods shipping is not supported for this country’ – condition updated
- 2429 – ‘Dangerous Goods Shipping has not been enabled for your account. Please call FedEx Technical Support via your normal support channel’ – condition updated
- 2430 – ‘Fully Regulated Dangerous Goods Shipping has not been enabled for your account. Please call FedEx Technical Support via your normal support channel’ – condition updated
- 2431 – ‘Dangerous Goods Shipping has not been enabled for your account. Please call FedEx Technical Support via your normal support channel’ – condition updated
1.6.3  Utility Updates

1.6.3.1  Reports

- ADR Shippers Declaration for Dangerous Goods
  The Shipper’s Declaration Report now prints for every Fully Regulated Shipment and will
  have the form as shown below:

- Detailed Delivery Manifest Report
  The EOD report processing can now generate courier reports for:
  - Domestic Shipments
  - International Shipments
  - Both Domestic and International Shipments
  The Detailed Delivery Manifest Report contains the following information:
  - Account Number
  - Shipments Dispatch date
  - Shipping date and time
  - Number of pages
  - Details such as Recipient ID, Tracking number, Reference, Items, Weight, Service,
    Packaging and Recipient details.

1.6.3.2  Custom Label Generator Utility

These values are added to the Field Chooser selection for the Freight to Collect surcharge data:

- Freight to Collect Surcharge
- List Freight to Collect Surcharge
- Alternate Freight to Collect Surcharge

1.6.3.3  Report Viewer Utility

The Report Viewer Utility is updated to support the Detailed Delivery Manifest and ADR Shipper Dec
reports.

1.6.3.4  Dangerous Goods Commodity Validation

You need to provide your UN Identification (ID) number to validate for ADR Dangerous Goods
Commodities. Here are the optional elements that can be provided to validate for a unique commodity:

- Limited Quantities Dangerous Goods (LDG) field list:
  - 489 - Dangerous Goods/HazMat Packing Group
1.6.3.5 Meter Settings Tab

The following enhancements have been made to the Meter Settings Tab:
Figure 1: FedEx Configuration Displaying Meter Settings Tab
1.6.3.6 Report Settings Tab

Figure 2: Enhancements to Report Settings tab

The following enhancements are made to the Report Settings tab:

- A **Print Only Detailed Delivery Manifest** option is added to the Intra-UK shipments under **Domestic** and **International** report options.
- A print option for **ADR Shippers Dec** is added under **Domestic** intra-UK reports.
1.6.3.6.1 Report Settings Tab - FedEx SmartPost Reports Options

Figure 3: Report Settings Tab - FedEx SmartPost Reports Options
1.6.3.7 Doc-Tab Settings Tab

The following values are added to the Field Chooser selection for the Doc Tab selection of ADR Surcharge data:

- 4031 - Fully Regulated Dangerous Goods (FDG) Surcharge
- 4032 - Limited Quantities Dangerous Goods (LDG) Surcharge
- 4033 - List Fully Regulated Dangerous Goods (FDG) Surcharge
- 4034 - List Limited Quantities Dangerous Goods (LDG) Surcharge
1.7 Rules for Mexico

1.7.1 Mexico Package Limitations

Table 2: Mexico Package Limitations

<table>
<thead>
<tr>
<th>Packaging</th>
<th>Service</th>
<th>Service Option</th>
<th>Dimension</th>
<th>Error Message</th>
</tr>
</thead>
<tbody>
<tr>
<td>Customer Packaging</td>
<td>First Overnight</td>
<td>Priority Alert</td>
<td>Weight &gt; 80 kgs / 176lbs*</td>
<td>0270 &quot;The weight limit for this service type has been exceeded.&quot;</td>
</tr>
<tr>
<td></td>
<td>Priority Overnight</td>
<td>Priority Alert Plus</td>
<td>Length &gt; 274 cm / 108 in</td>
<td>0422 &quot;Length cannot be greater than the maximum allowed.&quot;</td>
</tr>
<tr>
<td></td>
<td>Standard Overnight</td>
<td></td>
<td>Width &gt; 274 cm / 108 in</td>
<td>2025 &quot;Width cannot be greater than the maximum allowed.&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Height &gt; 274 cm / 108 in</td>
<td>2083 &quot;Height cannot be greater than the maximum allowed.&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Length + Girth &gt; 330 cm / 130 in</td>
<td>0421 &quot;Length &amp; girth combined cannot be greater than the maximum allowed.&quot;</td>
</tr>
</tbody>
</table>

*Note: Weight under Dimension updated.

1.8 UCI/UPI

1.8.1 Field Updates for UCI/UPI

The following lists the new and updated fields for UCI/UPI. Refer to the FSMS Transaction Coding Reference Guide for more information.
1.8.1.1 New Fields

Field #5790 - Letterhead/Signature Required
This output field indicates if a Letterhead, Signature, or both are required by a destination country for a Commercial Invoice or Proforma Invoice in the 185 Country Query Reply.
This information assists by providing what is required prior to processing an Express International Shipments via the 020 Global Shipping Request.

1.8.1.2 Updated Fields

FSMS has renamed field#1934 from “ECI Allowed” to “Customs Documentation Requirements”. Also, the values have been renamed as follows:

<table>
<thead>
<tr>
<th>Current Value Name</th>
<th>New Value Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 – Letterhead Required</td>
<td>FedEx generated documents not allowed</td>
</tr>
<tr>
<td>1 – Hard Copy Required</td>
<td>Hard Copy Required - FedEx generated documents are allowed</td>
</tr>
<tr>
<td>2 – ECI Allowed</td>
<td>FedEx generated documents are allowed</td>
</tr>
</tbody>
</table>

1.8.1.3 Affected Transactions

- 085/185 Country Query Request/Reply determines if a destination country accepts a FedEx generated Commercial Invoice or Proforma Invoice prior to the shipment being processed.

This transaction allows you to determine if a destination country accepts a FedEx generated Commercial Invoice or a FedEx generated Proforma Invoice prior to actually shipping the package.

If the reply transaction indicates that a country does not allow either of these FedEx generated documents and you attempt to process the shipment via the 020/120 shipping transaction, the shipment will fail.

Within the 085/185 Country Query transaction, FSMS allows you to query the country profile data by passing in the following data elements.

- Field#5750 - Letterhead/Signature Required affects the 085/185 Country Query Request/Reply Transaction

The following fields at a minimum are required as input:

- 0: Transaction Code (Value will be 085)
- 1: Transaction ID
- 99: End of Transaction
The following fields are Optional:

- 50: Recipient Country Code
- 117: Sender Country Code

For further information, please refer to the *FSMS Transaction Coding Reference Guide*.

### 1.9 Alcohol Service and Shipping

This feature is intended to mitigate the risks of regulatory enforcement and service disruptions due to compliance issues related to alcohol shipments with new FedEx Ground service codes and FedEx Express handling codes.

#### 1.9.1 Field Updates to Alcohol Service and Shipping

The following lists the new and updated fields for Alcohol Service and Shipping. Refer to the *FSMS Transaction Coding Reference Guide* for more information.

##### 1.9.1.1 New Fields

- 5700 - Alcohol Recipient Type
  
  This field is used to designate the type of recipient receiving an alcohol shipment. It indicates if the recipient is a Licensee for alcohol or a Consumer of alcohol.

- 5701 - Alcohol Shipment Label Indicator
  
  This flag indicates which type of Alcohol Label is being requested with an Alcohol shipment.

##### 1.9.1.2 Updated Fields

- 3121 - Doc-Tab Values – condition update

  FSMS supports the following new serial numbers for transactional set up of Doc Tab elements for Alcohol Shipping.

<table>
<thead>
<tr>
<th>Doc Tab Element</th>
<th>Serial Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol Recipient Type</td>
<td>756</td>
</tr>
<tr>
<td>Alcohol Shipment Label Indicator</td>
<td>757</td>
</tr>
</tbody>
</table>

- 1332 – Alcohol Flag – condition updated
Note: Based on the value passed in the transaction of field #5701, you have the ability to consciously indicate how and when the alcohol label should be returned for alcohol shipments destined to a nonstandard destination. A non-standard destination requires the stricter version of the SEL-169 label that includes larger font. Therefore, the entire SEL-169 text will not fit on the shipping label. Currently, North Carolina is the only state that has been identified as a non-standard destination for alcohol shipments.

1.9.1.3 Affected Transactions

The following transactions are affected by the inclusion of the new field #5700 & field 5701.

- 020/120 Global Ship Request/Reply.
- 070/170 - Meter Query/Configuration Update.

1.9.2 Error Codes

The following lists the new error codes for Alcohol Service and Shipping. Refer to the FSMS Transaction Coding Reference Guide for more information.

1.9.2.1 New Codes

- 0828 – “Alcohol and Inaccessible Dangerous Goods are not allowed in the same shipment.”
- 0829 – “Alcohol and Inaccessible Dangerous Goods are not allowed in the same package.”
- 0830 – “Alcohol and Hazardous Materials area not allowed to ship together.”
- 0831 – “Collection Type of Currency is not allowed for COD/ECOD shipment containing Alcohol.”
- 0832 – “Alcohol and ORM-D/Limited quantity are not allowed ship together.”
- 5090 – “Adult signature service is defaulted for this shipment”
- 5091 – “Direct signature service is defaulted for this shipment”
- 0837 – “A valid recipient type must be selected to process this shipment. The shipper is responsible for properly declaring the recipient type and following all alcohol shipping regulations”
- 0838 – “This account is currently prohibited from shipping alcoholic beverages to this destination. Please verify that the shipment is properly declared”
- 0839 – “The FedEx operating company selected does not presently provide alcoholic beverage transportation services to the destination you chose.

1.9.2.2 Modified Codes

- 5056 – “$AW is prepended to the reference field and Adult Signature Service is defaulted for this shipment.”
• 5060 - $AW is pre-pended to the reference field and Direct Signature Service is defaulted for this shipment.

Note: $AW will no longer be automatically pre-pended in the customer reference field.

1.9.2.3 Labels

FSMS supports the ability to request new optional SEL-169 alcohol text to be printed once for each package that has been identified as containing alcohol.

1.9.2.3.1 Separate labels

Thermal Label Stock: You have the option to request the SEL-169 label text to be printed on a separate thermal label. The following label sizes and formats are supported:

- 4 x 6 Doc Tab
- 4 x 6 Non Doc Tab
- 4 x 8
- 4 x 9

Note1: These are all the same formats that are currently supported for the shipping label.

Note2: You do not have the option to indicate a different format for the SEL-169 label than is configured or passed in for the actual shipping label.

Thermal image on plain paper: You have the option to request the SEL-169 label text to be printed on a separate thermal image on paper. It will be printed on a separate page in the same type and format of the shipping label on plain paper. The label image will appear horizontally so that the entire label is visible when folded.

Note1: This will be available for all currently supported thermal images sizes and formats.

Note2: You will not have the option to indicate a different format for the SEL-169 label than is configured or passed in for the actual shipping label.

Plain Paper: You also have the option to request the SEL-169 label text to be printed on a separate plain paper label. It gets printed in the 4x6 thermal image on plain paper format on a separate piece of paper. The label image will appear horizontally so that the entire label is visible when folded.

Note: the existing label size and formats are supported.

1.9.2.3.2 Customizable Sections

Thermal Label Stock: SEL-169 Alcohol Label Text: You have the option to request the SEL-169 label text to be printed in the 2” customizable section of the thermal shipping label. The following label types/sizes and formats are supported:

- 4x8
New or Enhanced Services

- 4x9

**Note1:** For all standard destinations, the functionality to specify the customization above or below the FedEx generated portion of the label remains available via the existing field functionality when including the SEL-169 label text in the 2" customizable section. If not specified, the SEL-169 text will print below the FedEx generated portion of the label.

**Note2:** If the SEL-169 label text has been requested for an alcohol shipment, it takes precedence over any other customizable data passed in the transaction.

**Note3:** If the SEL-169 label text has been requested and 4x6 (with or without DocTab) has been specified as the size, the SEL-169 text does not print.

**Thermal image on plain paper:** You have the option to request the SEL-169 label text to be printed on a plain paper label along with the shipping label. The following existing label types/sizes and formats are supported:

- 4 X 8 PNG, PDF, DIB
- 4 X 9 PNG, PDF, DIB

The label image will appear horizontally so that the entire label is visible when folded.

### 1.9.2.3.3 Non-standard Destinations

**Thermal Label Stock:** If you have requested SEL-169 label text to be printed in the 2" customizable section on 8" or 9" thermal label stock for an alcohol shipment destined to a non-standard location, the non-standard text prints in the 2" customizable section of the label indicating the destination state requiring a separate SEL-169 label.

If you have indicated value as "1" for field #5701 (Alcohol Shipment Label Indicator), a second label will automatically be printed containing the larger non-standard SEL-169 label text.

OR

If you have indicated value as "3" for field #5701 (Alcohol Shipment Label Indicator), a second label with the larger SEL-169 label text should not be printed at all.

**Note1:** Any customized label values in the request is ignored by CLS.

**Thermal image on plain paper:** If you have requested SEL-169 label text to be printed in the 2" customizable section of an 8" or 9" thermal label image on plain paper for an alcohol shipment destined to a non-standard location, the non-standard text prints in the 2" customizable section of the label on plain paper indicating the destination state, then a separate SEL-169 label is required.

If you have indicated value as "1" for field #5701 (Alcohol Shipment Label Indicator), a second label will automatically be printed containing the larger non-standard SEL-169 label text.

OR

If you have indicated value as "3" for field #5701 (Alcohol Shipment Label Indicator), a second label with the larger SEL-169 label text should not be printed at all.

**Note1:** If the format is PDF, the second label is returned in the same buffer with the shipping label.
Note2: If the format is PNG or DIB, the second label is returned in a different label buffer than the shipping label.

Plain paper: If you have requested the SEL-169 label text to be printed on the plain paper label for an alcohol shipment destined to a non-standard destination, the SEL-169 non-standard text prints below the actual shipping label data on the 4x8 image.

If you have indicated value as "1" for field #5701 (Alcohol Shipment Label Indicator), a second label will automatically be printed containing the larger non-standard SEL-169 label text using the 4x6 image or if you have indicated value as "3" for field #5701 (Alcohol Shipment Label Indicator), a second label with the larger SEL-169 label text should not be printed at all. Label images will appear horizontally so that the entire label is visible when folded.

Note1: If the format is PDF, the second label will be returned in the same buffer with the shipping label.

Note2: If the format is PNG or DIB, the second label will be returned in a different label buffer than the shipping label.

Note3: The existing plain paper label size and formats are supported.

1.9.2.4 Reprinting FedEx Generated Documentation

You have the option to request a reprint of the SEL-169 Alcohol label text via the 095/195 Label Reprint transaction only if it was previously requested as part of the initial shipment. It reprints in the same format as the initial request was printed.

1.9.2.5 Doc Tab Settings

1.9.2.5.1 Value Additions

FSMS supports the following new drop down values for the Doc Tab selection when the Shipping Type radio button selection is U.S. “Express” and “Ground” meters.

- Alcohol Recipient Type
- Alcohol Shipment Label Indicator

1.9.2.6 Meter Settings

1.9.2.6.1 Custom Label Generator Utility

FSMS supports the following new data elements in the "Tags Field" list within the utility.

- Field #5700- Alcohol Recipient Type
- Field #5701 - Alcohol Shipment Label Indicator
1.10  LAC Colombia

Colombia is now a postal aware country requiring a 6-digit postal code for shipments to/from/within Colombia. The postal code format for the country of Colombia will be as follows:

<table>
<thead>
<tr>
<th>Country Code</th>
<th>Country Name</th>
<th>DIGITS</th>
<th>PATTERN (N=NUMERIC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO</td>
<td>COLOMBIA</td>
<td>6</td>
<td>NNNNNN</td>
</tr>
</tbody>
</table>

1.11  State Codes for Brazil

The table below shows the valid state codes for Brazil:

<table>
<thead>
<tr>
<th>Code</th>
<th>State Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC</td>
<td>Acre</td>
</tr>
<tr>
<td>AL</td>
<td>Alagoas</td>
</tr>
<tr>
<td>AP</td>
<td>Amapá</td>
</tr>
<tr>
<td>AM</td>
<td>Amazona</td>
</tr>
<tr>
<td>BA</td>
<td>Bahia</td>
</tr>
<tr>
<td>CE</td>
<td>Ceará</td>
</tr>
<tr>
<td>DF</td>
<td>Distrito Federal</td>
</tr>
<tr>
<td>ES</td>
<td>Espírito Santo</td>
</tr>
<tr>
<td>GO</td>
<td>Goiás</td>
</tr>
<tr>
<td>MA</td>
<td>Maranhão</td>
</tr>
<tr>
<td>MT</td>
<td>Mato Grosso</td>
</tr>
<tr>
<td>MS</td>
<td>Mato Grosso do Sul</td>
</tr>
<tr>
<td>MG</td>
<td>Minas Gerais</td>
</tr>
<tr>
<td>PA</td>
<td>Pará</td>
</tr>
<tr>
<td>PB</td>
<td>Paraíba</td>
</tr>
<tr>
<td>PR</td>
<td>Paraná</td>
</tr>
<tr>
<td>PE</td>
<td>Pernambuco</td>
</tr>
<tr>
<td>PI</td>
<td>Piauí</td>
</tr>
<tr>
<td>Code</td>
<td>State Name</td>
</tr>
<tr>
<td>------</td>
<td>------------------------</td>
</tr>
<tr>
<td>RJ</td>
<td>Rio de Janeiro</td>
</tr>
<tr>
<td>RN</td>
<td>Rio Grande do Norte</td>
</tr>
<tr>
<td>RS</td>
<td>Rio Grande do Sul</td>
</tr>
<tr>
<td>RO</td>
<td>Rondônia</td>
</tr>
<tr>
<td>RR</td>
<td>Roraima</td>
</tr>
<tr>
<td>SC</td>
<td>Santa Catarina</td>
</tr>
<tr>
<td>SP</td>
<td>São Paulo</td>
</tr>
<tr>
<td>SE</td>
<td>Sergipe</td>
</tr>
<tr>
<td>TO</td>
<td>Tocantins</td>
</tr>
</tbody>
</table>
2 Dangerous Goods

2.1 DG Name Upload Update

Effective January 2014, FedEx Ground ORM-D has been reclassified as Ground Limited Quantities. FedEx no longer accepts shipments labeled as ORM-D. ORM-D has been changed as ORM-D/Limited Quantity.

2.1.1 Updated Fields for Dangerous Goods

The following fields are expanded to accept new values:

- Field 446 - Dangerous Goods Technical Name = 400 characters
- Field 1903 - Dangerous Goods Proper Shipping Name = 200 characters
- Field 483 - Dangerous Goods Authorization = 200 characters

Note: Shipper’s Declaration for Dangerous Goods 1421C is expanded to accommodate the above increased field lengths.

2.2 Dangerous Goods Regulation

Value O for Dangerous Goods Regulation Indicator, 1900 has been changed from ORM-D to ORM-D/Limited Quantity (49 CFR). This regulation applies to U.S. and Puerto Rico only.

2.2.1 Field Updates for Dangerous Goods Regulation

The following lists the updated fields for Dangerous Goods Regulation. Refer to the FSMS Transaction Coding Reference Guide for more information.

2.2.1.1 Updated Fields

- 1053 – Download Flag
  
  The ‘Update Features’ value has been changed from 25 to 26 (26 – Update Features).
- 1900 – Dangerous Goods Regulation Indicator – Condition updated.

2.2.1.2 Affected Transactions

- 025 Rate All Available Service Transaction.
• 020 Global Shipping Transaction:
  - Field Affected – Field 1900 - Dangerous Goods Regulation Indicator, set to "O" for ORM-D/Limited Quantity

### 2.2.2 Error Codes

The following lists the new error codes for Dangerous Goods Regulation. Refer to the FSMS Transaction Coding Reference Guide for more information.

#### 2.2.2.1 New Codes

- 2425 - *(Special Service) shipments with the selected origin and destination pair are not permitted using *(service type)*
- 2426 - This account has been identified to have previous violations on file. Shipping via *(service type)* from *(origin state/province)* to *(destination state/province)* has been disabled. To reinstate your *(service type)* shipping privileges from *(origin state/province)* to *(destination state/province)*, please contact the FedEx Dangerous Goods/Hazardous Materials Hotline.
- 2427 - Rates cannot be provided for *(service type)* shipments since this account has been disabled for shipping via *(service type)* with the selected origin and destination pair due to previous *(Violation on File Policy Value)* violations.
- 5092 - This account has been identified to have shipped *(Violation On File Policy Value)* goods to or from Alaska or Hawaii using *(service type)* which is not permitted. Please remove any *(Violation on File Policy Value)* materials or markings from this shipment.

#### 2.2.2.2 Modified Codes

- 2264 – Error message changed to - HazMat/ORM-D/Limited Quantity/SQE/Battery is not available with the Origin, Destination and/or Service. Please consider using FedEx Express dangerous goods service for this type of shipment.
- 2567 – Error Condition updated.

#### 2.2.3 Dangerous Goods Shipper’s Declaration Form (1421C) - FedEx Express

FSMS lets you print the “Shipper’s Declaration for Dangerous Goods” form. The FedEx Express® Shipper’s Declaration for Dangerous Goods Form (FedEx 1421C) is required for all dangerous goods shipping, both intra-U.S. and international.
You will be able to identify on the Shipper’s Declaration that the shipment is FX 18 compliant if you are utilizing an IATA validation. There will also no longer be space taken up to print “Limited Quantity” on the Shipper’s Declaration in some instances.

FX18 compliance will be printed on the Shipper’s Declaration when full IATA validation is turned on. In the “Additional Handling” section “Limited Quantity” will no longer print for UNIDs where the packing instruction has a Y

2.2.3.1 IATA Validation

If the IATA validation is selected on the Configuration screen->Meter Settings tab, then while generating the Shipper’s Declaration for Dangerous Goods (both the 1421C and the LZR DG DEC), in the FedEx Logo section, FSMS prints “FX 18 Compliant” in the upper right hand quadrant.

2.2.3.2 Legacy Validation

If Legacy validation is configured on the Configuration screen->Meter Settings tab, then while generating the Shipper’s Declaration for Dangerous Goods (both the 1421C and the LZR DG DEC), in the FedEx Logo section, FSMS will not print the “FX 18 Compliant” text.
3 Pharmacy Delivery

Pharmacy Delivery allows customers to designate pharmacy as the required delivery location for a shipment, bypassing loading docks and receiving areas.

FSMS supports the Pharmacy Delivery Special Service for US Domestic Express Parcel shipments, for:
- All 50 US States (including Alaska & Hawaii)
- Print Returns - US Domestic
- Email Label - US Domestic
- The US Domestic leg of a Transborder Distribution shipment.

*Note: US Ground Domestic, including Ground TD shipments and SmartPost are currently not supported.*

*Note 1: FSMS will support Pharmacy Delivery as a shipment-level special service, and it cannot vary from package to package.*

*Note 2: FSMS will ignore the Pharmacy Delivery Special Service for FedEx Freight Shipments (LTL)*

3.1 Field Updates to Pharmacy Delivery

The following lists the new and updated fields for Pharmacy Delivery. Refer to the *FSMS Transaction Coding Reference Guide* for more information.

3.1.1 New Fields

Field # 1854 - Pharmacy Delivery Indicator
The Pharmacy Delivery Indicator can be used to indicate that a shipment should be delivered directly to a pharmacy, rather than being left at a general receiving dock.

3.1.2 Updated Fields

FSMS supports the following existing Signature Service options in Field 2399
*“Signature Service Options” for Pharmacy Delivery (when Signature services are specifically requested in transaction request);*
- Direct Signature Required (DSR) field 2399 = ‘3’ with a DSR Surcharge
- Adult Signature Required (ASR) field 2399 = ‘4’ with an ASR Surcharge
• Not Specified (ONLY if ADG, IDG, or COD is ALSO selected) field 2399 = "0"

Note: The default Signature Service for Pharmacy Delivery is Direct Signature Required (field 2399 "Signature Service Options" = "3").

• A new special service accessorial name value for the existing field 1990 called “Pharmacy Delivery added”
• A new doc tab element “755 - Pharmacy Delivery Indicator” added.

3.1.3 Affected Transactions

The following transactions are affected by the addition of Field 1854 - Pharmacy Delivery Indicator:

• 020/120 Global Shipping Transactions
• 037/137 Email Label Transactions

The following transaction is affected by the enhancement of field 1990 Special Services Accessorial Name:

• 050/150 Service Types and Special Services Transactions

The following transaction is affected when field 1989 is set to "02":

• 050/150 Service Types and Special Services Transactions

The following transaction is affected by the enhancement of existing field 3121 - Doc Tab Value:

• 070/170 Meter Query/Configuration Update Transactions

3.2 Error Codes

The following lists the new error codes for Pharmacy Delivery. Refer to the FSMS Transaction Coding Reference Guide for more information.

3.2.1 New Error Codes

• 2939 – “Pharmacy Delivery is not allowed with this service.”
• 2940 – “Pharmacy Delivery is not allowed with Hold at Location.”
• 2941 – “Pharmacy Delivery is not allowed with Residential Delivery.”
3.3 Configuration

3.3.1 Updated Configuration Screens

FSMS Configuration screens have been enhanced to include the following:

3.3.1.1 Enhancement in Doc Tab Values

FSMS will now support the new drop down value “Pharmacy Delivery Indicator” for the Doc Tab selection of Pharmacy Delivery Indicator when the Shipping Type radio button selection is “Express” for US Domestic (50 States).

Figure 5: US-based Meter - Express
4 Regulatory Changes

4.1 Foreign Trade Regulation (FTR)

4.1.1 Field updates for FTR

The following lists the new and updated fields for Foreign Trade Regulation (FTR). Refer to the FSMS Transaction Coding Reference Guide for more information.

Field 1358 - FTR, XTN, and ITN Entry

- New Exemptions supported:
  - NO EEI 30.37(u)
  - NO EEI 30.37(v)
  - NO EEI 30.37(w)
  - NO EEI 30.37(x)
  - NO EEI 30.37(y)

- Exemptions no longer supported:
  - NO EEI 30.37(e)
  - NO EEI 30.37(q)
  - NO EEI 30.37(r)

4.1.1.1 Affected Transactions

The following transaction is affected by the FTR update.

020/120 Global Shipping Transaction: If field 1358 is present then the removal of the mentioned exemptions and the inclusion of the new exemptions will be supported.

4.1.2 Error Codes

The following lists the modified error codes for FTR. Refer to the FSMS Transaction Coding Reference Guide for more information.

4.1.2.1 Modified Error Codes

- 2140 – “Invalid FTR number: field ID 1358”
5 Global Returns

FedEx® Global Returns offers returns solutions within the US as well as across international borders and within domestically served locations. FedEx Express and FedEx Ground outbound shipments can easily be associated with a return shipment, streamlining business operations and providing a seamless returns experience for the customer. In addition, to print return labels, you now have the option to email the returning party a URL to print a return label.

5.1 Email Returns

The Email Return Label functionality will be expanded for non-US Domestic and International shipments.

- The origin/destination pairs supported for Print Return Label will be used for Email Return Label.
- The US Domestic Email Return shipments are excluded from supporting the ‘Edit’ functionality for the Return shipper.
- FSMS now allows anywhere-to-anywhere email RETURN shipping, where the return service is supported, irrespective of the origin of the meter. The rules will not be changed for outbound shipping as far as the origin meter is concerned.
- The current EEI edits, options and functionality utilized for International Print Return shipments will be utilized for International Email Return shipments originating from the US.
- The current B13A edits, options and functionality utilized for International Print Return shipments will be utilized for International Email Return shipments originating from Canada.
- The payment types and validation logic for non-US Domestic and International Email Return Label Request will be the same as Print Return Labels.
- The packaging types and validation logic for the non-US Domestic and International Email Return Label request will be the same as supported for Print Return Labels.
- When Merchant Shipper chooses multi-occurrence when creating Email Returns it is assumed that only one notification is expected for the Return Shipper and or Merchant Shipper(s).
- When processing an Email Return shipment the same logic, edits and error messages will be used for the following fields:
  - 5542 - Customs Processing Type
  - 5543 - Customs Processing Reason Description
• If the Merchant Shipper submits an 020 transaction OR an 037 transaction for Domestic, International or non-US Domestic Email Return Label with more than 6 occurrences of Merchant Notifications, the additional information provided will be ignored.

• No validation of the Uploaded Document ID (Field 5605) and the designated Uploaded Document Expiration date (Field 5606) will be supported by FSMS. The merchant shipper needs to manage these elements to ensure associated merchant document(s) requested to be made available with the Email Return is valid and not expired.

Note: The following elements will be applicable for Email Return Labels:

- 2700 - Return Shipper Instructions
- 546 - Return Instructions Language Code
- 5548 - Return Instructions Language Locale Code

All information regarding Email Return labels is available in the FedEx Service Guide available on FedEx.com. FSMS ignores any additional data provided beyond the maximum occurrences for Merchant Notifications and Merchant Documents.

When shipping Dry Ice Weight for a multiple email returns for International and Non-US Domestic Shipments it is required that the Dry Ice Package Weight value must match for each instance requested. In the case of a US Domestic shipment the Dry Ice Weight can vary in each instance requested.

5.1.1 Field Updates to Global Returns

The following lists the new and updated fields for FedEx Express and FedEx Ground. Refer to the FSMS Transaction Coding Reference Guide for more information.

5.1.1.1 New Fields

- 5592 - Label Print Order
  o Shipper specifies which should print first, the shipping label or the AWB label(s) and copies.

- 5654 - Global Returns Indicator
  o Provides the FSMS configuration of the Global Returns Allowed flag.

- 5563 - Merchant Notification Indicator
  o Merchant shipper selects to notify up to six personnel within merchant company/organization when email return request has been created.

- 5569 - Merchant Notification E-Mail Address
  o Merchant shipper provides the email address of up to six personnel within the merchant company/organization when email return request has been created.

- 5575 - Merchant Notification E-Mail Language
Merchant shipper selects language of the email notification being sent of up to six personnel within merchant company/organization when an email return request has been created.

- **5581 - Merchant Notification E-Mail Language Locale Code**
  - Merchant shipper selects language locale code of the email notification being sent to up to six personnel within merchant company/organization when an email return request has been created.

- **5591 - Suggested Documents**
  - Merchant shipper can identify one or more documents that a return shipper may want to include when tendering the return shipment to FedEx.

- **5593 - Return Shipper Allow Modification**
  - Merchant shipper specifies if the return shipper can modify the shipment information when accessing the email return label.

- **5594 - Merchant Document Name**
  - Merchant shipper can provide a user friendly name for up to five attached document(s).

- **5605 - Uploaded Document ID**
  - This field has two functions; first - it is a FedEx assigned/auto generated Document ID tied to documents that have been uploaded which comes as output from 149 Pre-Shipment Document Upload reply, second - the output information from 149 is then used as input in 037 Email Label Transaction request to associated a merchant document that return shipper can access, view, print, etc.

- **5599 - Merchant Document Location**
  - Merchant shipper specifies file path location of up to five customer document they wish to attach to email return.

- **5606 - Upload Document Expiration Date**
  - The Merchant Shipper provides the desired document expiration date of the uploaded document.

- **5587 - Return Shipper Notification Language**
  - Merchant shipper indicates the language used for the email notification to the return shipper.

- **5588 - Return Shipper Notification Language Locale Code**
  - Merchant shipper indicates the language locale code used for the email notification to the return shipper.

- **5589 - Suppress Additional Language for Return Shipper Email**
Merchant shipper selects to suppress additional language for the email message

- 5590 - Suppress Additional Language for Return Instructions
  - Merchant shipper selects to suppress additional languages for return instructions.

### 5.1.1.2 Updated Fields

- 1331 - Dangerous Goods/HazMat Flag - Usage condition added
- 2700 – Return Shipper Instructions - field name change and additional usage condition along with functionality applicable to both Print Returns and Email Returns
- 3145 - HAL Location Type - usage condition added
- 5546 - Return Instructions Language Code - usage condition added along with functionality applicable to both Print Returns and Email Returns
- 5548 - Return Instructions Language Locale Code - usage condition added
- 414 – Unit of Measure – Required field for International Email and Return Labels.

### 5.1.1.3 Affected Transactions

- 020/120 - Global Shipping & 037/137 – Email Label for:
  - Return Instructions & Language
  - Return Shipper Language Notification = en
  - Dangerous Goods/HazMat Flag Support
  - Merchant Document Name Behavior
  - Dual Language Support Return Instructions
  - SmartPost - Return Instructions Behavior
- 049/149 - Pre-Shipment Document Upload transaction for:
  - 5599 - Merchant Document Location
  - 5605 - Upload Document ID
  - 5606 - Upload Document Expiration Date
- 070/170 - Meter Query Configuration transaction
  - 077 – FedEx Domestic Returns (Express US Domestic & Non-US Domestic)
  - 078 - FedEx Ground Domestic Returns

### 5.1.2 Error Codes

The following lists new and modified error codes for Global Returns. Refer to the FSMS Transaction Coding Reference Guide for more information.
5.1.2.1 New Codes

- 2997 - The Barcode Type is not valid for a returns clearance return shipment. Please call FedEx Technical Support via your normal support channel.
- 5094 - Digital Letterhead and Signature is not supported for Email Returns.
- 5095 - The selected shipment documentation is not supported for Email Returns.
- 5096 - The suggested documents value is not valid.
- 5097 - The `<Field Name>` (<####>) provided is not valid. The language code has been defaulted to English.
- 5098 - The `<Field Name>` (<####>) provided is not valid. The language code has been defaulted to English.
- 2997 - The Barcode Type is not valid for a returns clearance return shipment. Please call FedEx Technical support via your normal support channel.
- 2998 - Invalid Email Address Format for `<Field name>` (<##>).
- 2999 - The `<Field name>` (<####>) and `<Field name>` (<####>) code provided is not a valid combination.
- 0836 - Email Label Expiration Date exceeds maximum date range of 2 years.
- 5099 - Dangerous Goods (DG) Information provided was used to determine if commodity is accessible or inaccessible. This data provided will not be available for the Email Return Label, all applicable data and forms will need to be provided by the return shipper.
- 0833 - The selected Dangerous Goods Flag is not valid for Email Returns.
- 0834 - The document file size exceeds the maximum limit.
- 0835 - Document Upload cannot be processed without a valid file location.
- 5101 - The provided upload document Expiration Date is invalid. The default value of 2 years will be set for this document.
- 2821 - Unit of measurement required for commodity

5.1.2.2 Modified Error Codes

- 273 - Dry ice weight cannot be 0 or blank or negative – condition updated
- 2559 - URL Expiration Date is invalid – condition updated
- 2657 - Invalid Document Type – condition updated
- 2761 - The Return Label type is invalid for this shipment – condition updated
- 2772 - AES DOWN is not supported for Global Returns – condition updated
5.1.2.3 Report Code Support for Domestic Returns

Field 1373 - Report Code supports the Domestic Return Report(s) for the following selections:

- 077 - FedEx Domestic Returns (Express US Domestic & Non-US Domestic)
- 078 - FedEx Ground Domestic Returns
6 Software Configuration

6.1 Hyper-V Support

FSMS now supports the Microsoft Hyper-V Virtualization Environment

6.2 FedEx Configuration Utility

The following enhancements have been made to FedEx Configuration utility.

6.2.1 Shipper Settings Tab

The following enhancements are made to the Shipper Settings Tab.

6.2.1.1 Close Options

- A new button "Close Options" is added to the Shipper Settings Tab to allow you to configure the Auto Close time for Express, Ground, SmartPost and Freight shipments.
- The access privileges for the new button will be at "User View" Level.
- When clicked, a pop up window will appear that could contain any combination of Express, Ground, SmartPost or Freight based on the origin country of the meter.
The following new Close Option Dialog box appears on clicking the “Close Options” button. The Meter drop down list contains all meters installed on the box. If the meter selected is the actual Master meter, the word “Master” displays in red.

- The OpCo’s that are visible are based on the origin country of that meter. This is the existing general behavior within the configuration utility.
- The Auto Close time field and checkbox continue to function as they did on the Meter tab for Express and Ground. The access privileges are at the “User View” Level.
- The “OK”, and “Cancel” buttons function as they do currently on existing tabs.

*Note: The “Copy to All Meters” functionality is not applicable.*
Figure 7: Close Options Dialog

Table 5: LTL Freight and SmartPost Access Privileges

<table>
<thead>
<tr>
<th>LTL Freight and Smartpost Access Privileges</th>
<th>Read Only Access</th>
<th>Write</th>
</tr>
</thead>
<tbody>
<tr>
<td>User Level</td>
<td>×</td>
<td>×</td>
</tr>
<tr>
<td>User View Level</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Field Level</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Support Level</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

6.2.1.1.2 Auto Close Time Box

- The ‘Auto Close Time’ option is removed from the Express, Ground and LTL Freight Options combo box on the Meter Settings tab and relocated to the Shipper Settings tab.
- The ‘Auto Close Time’ is removed from the SmartPost Options combo box on the SmartPost Settings tab and relocated to the Shipper Settings tab.

6.2.2 Advanced Settings Tab

A new option to retain the label buffer by number of days is added to the Advanced Settings Tab. The initial default maximum number of days is three; however, you can decrease that number.

6.2.2.1 Label Buffer Retention Period Option

![Image of Advanced Settings Tab]

Figure 8: Label Buffer Retention Period Option

The new "Label Buffer Retention Period" option is displayed on the "Advanced Settings" tab at the "User View" access level, but it will be grayed out.
The new "Label Buffer Retention Period" option is displayed on the "Advanced Settings" tab and enabled for configuration for the following access levels:

- Field Level
- Support Level

For any new install or clean load, the new "Label Buffer Retention period" option is set to its default of 3. Upon upgrade to a greater version, the setting of the "Label Buffer Retention Period" in place on the Advanced Settings tab at the time of the upgrade is carried over by meter.

Note: There is a possibility that your hard drive capacity to store the label buffers could max out prior to the 3 day maximum you may have configured on the Advanced Settings tab. There is no way for the FSMS software to know or predict these limitations. Therefore, it is your responsibility to be aware of and manage capacity as it relates to label buffers.

6.3 Messaging Utility

6.3.1 Add/Edit/View Broadcast Listener Screen

The Add, Edit & View Broadcast Listener screen is updated to support the following:

- System Level Notification section
  - FedEx Connectivity
  - Download Notifications
  - System Notifications
  - FedEx Notifications
  - Exception Notifications

- Meter Level Notification section
  - Download Notifications
    - Rates
    - Tracking Numbers
  - Upload Notifications
    - Hourly
    - End of Day (Close)
    - Document Upload
6.3.1.1 System Level Download Notification Update

The System Level Download notification is updated to only support the following download activities.

- URSA
- eSRG

Rates and Tracking Numbers have been further broken out and defined under Meter Level Notifications.
6.3.2 Installation and Upgrade

6.3.2.1 New Installation

When a new installation or clean load of the FSMS software is performed, the messaging utility will not have any default listeners configured.

6.3.2.2 Meter Selection Upgrade Behavior

Upon upgrade from a version that supports the Messaging utility and has a listener configured, the Meter Selection will be set to the ‘All’ meter and continue to broadcast based on the configuration of the listener, including reporting on meter specific information.

6.3.2.2.1 Field Updates to Messaging Utility

- Field 556 - Process Request Code is updated for:
  - 6 - Status of data files
- Field 558 – Message code functionality of field 558 has expanded to support informational codes as well as errors and warnings.
- Field 577 - FSMS Service Name is updated to support the following status request codes:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>All Rate File Status</td>
</tr>
<tr>
<td>41</td>
<td>Express Domestic Rates</td>
</tr>
<tr>
<td>42</td>
<td>Express International Rates</td>
</tr>
<tr>
<td>43</td>
<td>Express Bonus/Earned Rates</td>
</tr>
<tr>
<td>44</td>
<td>Ground Rates</td>
</tr>
<tr>
<td>45</td>
<td>Ground Earned/Discount Rates</td>
</tr>
<tr>
<td>46</td>
<td>SmartPost Rates</td>
</tr>
<tr>
<td>47</td>
<td>SmartPost Earned/Discount Rates</td>
</tr>
<tr>
<td>48</td>
<td>ODA/OPA</td>
</tr>
<tr>
<td>49</td>
<td>EU Postal Surcharge</td>
</tr>
<tr>
<td>50</td>
<td>Tracking Numbers Status</td>
</tr>
<tr>
<td>51</td>
<td>SmartPost Delivery</td>
</tr>
<tr>
<td>Code</td>
<td>Description</td>
</tr>
<tr>
<td>------</td>
<td>---------------------------</td>
</tr>
<tr>
<td>52</td>
<td>URSA File Status</td>
</tr>
</tbody>
</table>

- Field 2413 - Close All Meters Flag is now re-titled as All Meters Flag.
  - The functionality of this field is not changing; however, it is available to be used in the 058/158 and the 059/159 transactions.
- Field 3374 – Broadcast Events is now updated to support 11 positions that support the following values:
  0 - Close Notifications
  1 - FedEx Connectivity
  2 - URSA Notifications
  3 - Rate Status
  4 - Tracking Number Notifications
  5 - Daily Message (FedEx Notifications)
  6 - Exception Notifications
  7 - Download Notifications
  8 - Upload Notification – Hourly
  9 - Upload Notification – EOD
  10 - System Notifications
- 498 - Meter Number
  - The functionality of the Meter Number (field 498) is not changing however it is now available to be used in the 058/158 and the 059/159 transactions.

### 6.3.2.2.2 Broadcast Events

All broadcast events will now provide the applicable meter number (field 498) for the event that has occurred. The logic will be as follows:

- If the broadcast event is for meter level notifications then the applicable Meter Number (Field 498) will be provided in the broadcast.
- If the broadcast event is for System Notifications then the Master/Parent Meter number (Field 498) will be provided in the broadcast.
6.3.3 Affected Transactions

6.3.3.1 058/158 - System Query/Monitoring Transaction

**Meter Level Query:** The 058/158 will support the use of Meter Number (field 498) and provide query information for the meter specific support file information (example: tracking number, etc.), in the absence of meter specific status the system status/master meter will be used to provide the requested status.

**All Meter Query Behavior:** If the 058 transaction is submitted with All Meters Flag (field 2413) set to ‘Y’ for a query that supports meter specific information, the Message Text will include the Meter number followed by defined text.

**Example:** Meter #: <Meter #1> SmartPost Delivery Confirmation Status: <Last Successful download/reconcile>, <Percent used> Meter #:<Meter #2> SmartPost Delivery Confirmation Status: <Last Successful download/reconcile>, <Percent used> etc.

**Tracking Number Status:** When 058 is used with Process Request Code (field 556) set to '6' and FSMS Service Name (field 577) set to xx - Tracking Number Status, then 158 will reply with the following applicable message information:

5121 - Meter #: <meter number> Tracking Number Status: Express - <Last Successful download/reconcile>, <Percent used>; Ground - <Last Successful download/reconcile>, <Percent used>.

**URSA File Status:** When 058 is used with Process Request Code (field 556) set to '6' and FSMS Service Name (field 577) set to xx - URSA File Status, then 158 will reply with the following applicable message information:

5122 - URSA File Status: <Last Successful download/reconcile>, Current File <Expire Date>, <filename> and Future File <Expire Date>, <filename>

**SmartPost Delivery Confirmation Numbers Status:** When 058 is used with Process Request Code (field 556) set to '6' and FSMS Service Name (field 577) set to xx - SmartPost Delivery Confirmation Numbers Status, then 158 will reply with the following applicable message information:

5123 - Meter #: <meter number> SmartPost Delivery Confirmation Status: <Last Successful download/reconcile>, <Percent used>

6.3.4 New Message Codes

- 5105 - "FSM Server has successfully completed the ETD Upload for meter #: <Meter number> at <Date/Timestamp>.*
- 5106 - "There was a failure when FSM Server attempted to upload your ETD information to FedEx for meter #: <Meter number> at <Date/Timestamp>. Please contact your FedEx Support Representative."
- 5107 - "FSM Server has successfully completed the Merchant Document Upload for Meter #<meter number> at <Date/Timestamp>.'
- 5108 - "FSM Server has failed to upload your Merchant Document Upload to FedEx for Meter #<meter number> at <Date/Timestamp>. Please contact your FedEx Support Representative.'
- 5109 - "Close Process has begun for meter #: <Meter number>.'
- 5110 - "Close Process has completed for meter #: <Meter Number>" 
- 5111 - "FSM Server has successfully completed the Hourly Upload for Meter #<meter number> at <Date/Timestamp>.'
- 5112 - "FSM Server has failed to upload your Hourly Upload files to FedEx for Meter #<meter number> at <Date/Timestamp>. Please contact your FedEx Support Representative.'
- 5113 - "FSM Server has successfully downloaded the SmartPost Delivery Confirmation Numbers for Meter #<meter number> on <date/Timestamp> ." 
- 5114 - "FSM Server download process for receiving new SmartPost Delivery Confirmation Numbers failed for Meter #<meter number> on <date/Timestamp>. Please attempt to use the demand download utility to attempt to load tracking numbers. If you are still unable to complete this task, please contact your FedEx Support Representative.'
- 5115 - "SmartPost Delivery Confirmation Numbers usage exceeded 85% for <meter>. Please use the demand download utility to download a new range. If you are still unable to complete this task, please contact your FedEx Support Representative.'
- 5116 - "FSM Server has successfully downloaded the tracking numbers for <OpCo> for Meter #<meter number> on <date/Timestamp>.'
- 5117 - "The FSM Server download process for receiving new tracking numbers failed for <OpCo> for Meter #<meter number> on <date/Timestamp>. Please attempt to use the demand download utility to attempt to load tracking numbers. If you are still unable to complete this task, please contact your FedEx Support Representative.'
- 5118 - "Tracking Numbers usage for <OpCo> has exceeded 85% for <meter>. Please use the demand download utility to download a new range. If you are still unable to complete this task, please contact your FedEx Support Representative.'
- 5119 - "FSM Server has successfully downloaded rates for <Component Name> for Meter #<meter number>. Rates are effective on <earliest Start date> and expire on <End date>.'' 
- 5120 - "FSM Server has failed to downloaded rates for <Component Name> for Meter #<meter number>. Please attempt to use the demand download utility to attempt to load new rates. If you are still unable to complete this task, please contact your FedEx Support Representative.'
6.4 Enterprise Access Controls & Integration

FSMS is impacted by Account Masking on Shipping Label. This prevents the account numbers from printing on international shipping labels, but continues to print on Fedex Label copy. Shipping clients will now receive 2 new label images from the label engine, and will print appropriate numbers of copies as defined by current business rules for country destination.

6.4.1 Field Updates

The following lists the new and updated fields for FedEx Express. Refer to the FedEx Ship Manager® Server Transaction Coding Reference Guide for more information.

6.4.1.1 New Fields

- Field ID 5752 - AWB Required Copies
  - This element is returned in the reply transaction to indicate the number of AWB copies required to be printed for an International or non-US Domestic shipment. There are a required number of AWB copies per current origin/destination country rules. This field provides customers information needed to generate the required number of additional AWB copies.

6.4.1.1.1 International Label Enhancements

For International Express or non-US Domestic Express shipments:

- FSMS adopts the FORT compliant standard label layout for these plain paper formats:
  - .png
  - .dib
- FSMS adopts the thermal label layout for this plain paper format:
  - .pdf

Note:

1. The existing Mask Account Number checkbox within the Configuration screen->Label settings tab is removed
2. FSMS modifies the current functionality of the Label Reprint Utility to allow the laser labels to be reprinted for plain paper for international as well as non-US domestic shipments.
3. For label formats, the current convention of naming the shipping labels after the tracking number (for example, 569035905383.png/569035905383.dib) and air waybill after the tracking number and verbiage "AWB" (for example, 569035905383AWB.png/569035905383AWB.dib) will be continued.
6.4.1.2 Affected Transactions

The following transactions are affected by the enhancement of:

- Field ID 5752 - AWB Required Copies
  - 120 Reply Global Shipping Transaction for Shipping

6.5 Installing Back-Up and Restore Utility

It is important to maintain current backup files of your databases. FedEx Ship Manager® Server (FSMS) has configuration settings that define when to back up your files and where to place the backup data. Make sure that your backup file locations are on a different computer than the one that is hosting the FSMS application. For increased reliability, copy backup files to a remote location as well. Monitor and plan the temp file size based on your purging schedule to ensure that the storage needed for temp files is large enough to accommodate the history being tracked.

You can backup from any version from 12x and above families and restore only in the same version that you backed up the data from. For example, you can backup from 1205 and restore in 1205; you cannot restore in say, 1206.

Also, note that you can restore only on a clean database and not on a database that already has data.

If you are generating custom labels or saving label buffer files or 2D barcode files to a folder such as FedEx Temp, include cleaning up that folder in your maintenance schedule to avoid performance issues.

The utility will detect the version of the FSMS currently being used. In the scenario where you attempt to run the utility on a system that does not have a supported version of FSMS installed, a window with the following message will be returned. "The supported FSMS version could not be found." As a result, the utility will not run and an 'OK' information window will be displayed and when 'OK' is clicked the utility will exit.
Figure 10: Backup and Restore Utility

The following data can be backed up by selecting the appropriate checkboxes in the ‘Select Data’ section:

- Meter Configuration
- System Configuration
- Rate Files
- Database
6.5.1 Backup functionality

- When the 'Backup' radio button is selected the 'File' and 'Select Data' selection will become active. When the 'Start' button is clicked the utility will back up the selected data to the designated file.
- When 'Backup' radio button is selected the default file entry will be set to '%APPDATA%\FedEx\Backup.'
- You will have the ability to enter or select a different file and location to store backed up information.
- When the 'Backup' radio button is selected, all the checkboxes under 'Select Data' will be defaulted to checked. You can then select the data components you wish to back up. If the directory is modified it will reset all check boxes to checked under the 'Select Data' section.

6.5.2 Restore Functionality

The restore functionality of this utility will only support the version that is backed up.

When the 'Restore' radio button is selected, then the 'File' and 'Select Data' selection will become active. When a file is selected via the 'File Picker', the utility will check the file and make active those checkboxes that have data backed up and deselects and deactivate those checkboxes that do not have data.

When the 'Start' button is clicked the utility will stop all appropriate services, restore the selected data information to the applicable directories and restart services.
Figure 11: Restore functionality

Note:

1. The 'Meter Configuration' checkbox can be used only to restore Meter Configuration Information.
2. The 'System Configuration' checkbox cannot be used unless the 'Meter Configuration' checkbox information is selected.
3. If the 'System Configuration' checkbox is checked the 'Meter Configuration' checkbox will be auto-checked.
4. If 'Meter Configuration' and the System Configuration are checked and you un-check the 'Meter Configuration' checkbox then 'System Configuration' checkbox will be un-checked automatically.

In the scenario where you select 'Restore' radio button and attempt to restore backed up information on a different version, the utility compares the backed up version to the version installed and the following window text will be returned. "The version you are restoring does not match the backed up version", and the restoration will be aborted and 'OK' information window will be displayed.

In the scenario where you select 'Restore' radio button and attempt to restore backed up information and you are unable to do so, then the following window text will be returned. "The selected data cannot be restored!", and the restoration will be aborted and any information restored until that point will be reversed and 'OK' information window will be displayed.
Once files are restored the ‘Files Restored’ window will be displayed. On clicking ‘OK’, the following information window will be displayed. "It is recommended that a demand download be executed for all support files to ensure most up to date data is available for shipping." If 'OK' button is clicked the window will close and will be returned to the Utility window.

![Figure 12: Restore Information](image)

### 6.5.3 Support

The utility has the ability to gather critical files needed, for troubleshooting purposes, and compress them to facilitate file transfer. This is supported by an additional tab called 'Support'. Note that this tab will be visible to all access levels.
The file default entry is set to '%APPDATA%\FedEx\Backup'. You will have the ability to enter or select a different file and location to store support information. If the support data file is present in the defined location and the 'Start' button is clicked, the utility will overwrite the current information.

Figure 13: Support functionality

The Support information checkboxes will gather the following when checked.

- Always selected and cannot be de-selected:
  - Meter & System Configuration: Etc, FedEx_Comm, FedEx_Tc, & FedEx_Cfg Folders
  - Transaction Logs: trans.in & trans.out
  - Event Logs: FedEx Event Logs, Application Event Logs, & System Event Logs
  - Web Services Logs: %APPDATA%\FedExWebSvcsLog folder.
- Always selected and can be de-selected at the User Level:
  - Ship Database: ship.db, ship.log, and FedEx_Scripts folder
    - Active = Live shipping data
    - Backup = Backup shipping data based on settings found in System Settings Tab in FSMS Configuration
- Rate Files: Configured rate data files location (example: install drive\FedEx\dotnetrating)

The Ship Database checkbox will function as follows:
- Default - Ship Database is checked with the sub checkboxes ‘Active’ and ‘Backup’ enabled and checked when the Support tab is clicked
- ‘Active’ and ‘Backup’ checkboxes can be checked and unchecked independently of each other.
  - If neither the ‘Active’ nor the ‘Backup’ checkboxes are checked then the Ship Database will be unchecked and no database information will be captured upon clicking the ‘Start’ button

![Support information](image)

**Figure 14: Support information**

When the selected files are copied and compressed an information window will display the following information:

"The following file(s) have been successfully copied and compressed from FSMSXXXX version as listed:
<List all selected files>"
Note: 'XXXX' represents the software version detected by the utility.
# Appendix

## Ground Service Codes for Alcohol Service

<table>
<thead>
<tr>
<th>Service Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>270</td>
<td>Ground, Prepaid, Alcohol, Adult Signature Required</td>
</tr>
<tr>
<td>271</td>
<td>Ground, 3rd Party, Alcohol, Adult Signature Required</td>
</tr>
<tr>
<td>272</td>
<td>Ground, Bill Recipient, Alcohol, Adult Signature Required</td>
</tr>
<tr>
<td>273</td>
<td>Ground, Collect, Alcohol, Adult Signature Required</td>
</tr>
<tr>
<td>274</td>
<td>Ground, Prepaid, Alcohol, ECOD, Adult Signature Required</td>
</tr>
<tr>
<td>275</td>
<td>Ground, Prepaid, Alcohol, Guaranteed Funds ECOD, Adult Signature Required</td>
</tr>
<tr>
<td>276</td>
<td>Ground, 3rd Party, Alcohol, ECOD, Adult Signature Required</td>
</tr>
<tr>
<td>277</td>
<td>Ground, 3rd Party, Alcohol, Guaranteed Funds ECOD, Adult Signature Required</td>
</tr>
<tr>
<td>278</td>
<td>Ground, Prepaid, Alcohol, COD, Adult Signature Required</td>
</tr>
<tr>
<td>279</td>
<td>Ground, Prepaid, Alcohol, Guaranteed Funds COD, Adult Signature Required</td>
</tr>
<tr>
<td>280</td>
<td>Ground, 3rd Party, Alcohol, COD, Adult Signature Required</td>
</tr>
<tr>
<td>281</td>
<td>Ground, 3rd Party, Alcohol, Guaranteed Funds COD, Adult Signature Required</td>
</tr>
<tr>
<td>282</td>
<td>Ground, 3rd Party, Return Manager Printed Label, Alcohol, Adult Signature Required</td>
</tr>
<tr>
<td>283</td>
<td>Ground, Prepaid, Return Manager Printed Label, Alcohol, Adult Signature Required</td>
</tr>
<tr>
<td>284</td>
<td>Ground, 3rd Party, Return Manager Online Label, Alcohol, Adult Signature Required</td>
</tr>
<tr>
<td>285</td>
<td>Ground, Prepaid, Return Manager Online Label, Alcohol,</td>
</tr>
<tr>
<td>Service Code</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------</td>
</tr>
<tr>
<td>286</td>
<td>Ground, Prepaid, Alcohol, Hold at Location, Adult Signature Required</td>
</tr>
<tr>
<td>287</td>
<td>Ground, 3rd Party Billing, Alcohol, Hold at Location, Adult Signature Required</td>
</tr>
<tr>
<td>288</td>
<td>Ground, Bill Recipient, Alcohol, Hold at Location, Adult Signature</td>
</tr>
<tr>
<td>289</td>
<td>Ground, Prepaid, Damage Call Tag, Residential-Pickup, Alcohol</td>
</tr>
<tr>
<td>290</td>
<td>Ground, Prepaid, Damage Call Tag, Business-Pickup, Alcohol</td>
</tr>
<tr>
<td>770</td>
<td>Home Delivery, Prepaid, Alcohol, Adult Signature</td>
</tr>
<tr>
<td>771</td>
<td>Home Delivery, 3rd Party, Alcohol, Adult Signature Required</td>
</tr>
<tr>
<td>772</td>
<td>Home Delivery, Bill Recipient, Alcohol, Adult Signature Required</td>
</tr>
<tr>
<td>773</td>
<td>Home Delivery, Prepaid, Alcohol, Appointment, Adult Signature Required</td>
</tr>
<tr>
<td>774</td>
<td>Home Delivery, Prepaid, Alcohol, Date Certain, Adult Signature Required</td>
</tr>
<tr>
<td>775</td>
<td>Home Delivery, Prepaid, Alcohol, Evening, Adult Signature Required</td>
</tr>
<tr>
<td>776</td>
<td>Home Delivery, Bill Recipient, Alcohol, Appointment, Adult Signature Required</td>
</tr>
<tr>
<td>777</td>
<td>Home Delivery, Bill Recipient, Alcohol, Date Certain, Adult Signature Required</td>
</tr>
<tr>
<td>778</td>
<td>Home Delivery, Bill Recipient, Alcohol, Evening, Adult Signature Required</td>
</tr>
<tr>
<td>779</td>
<td>Home Delivery, 3rd Party, Alcohol, Appointment, Adult Signature Required</td>
</tr>
<tr>
<td>780</td>
<td>Home Delivery, 3rd Party, Alcohol, Date Certain, Adult Signature Required</td>
</tr>
</tbody>
</table>
### Service Code Description

<table>
<thead>
<tr>
<th>Service Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>781</td>
<td>Home Delivery, 3rd Party, Alcohol, Evening, Adult Signature Required</td>
</tr>
<tr>
<td>782</td>
<td>Home Delivery, 3rd Party, Return Manager Printed Label, Alcohol, Adult Signature Required</td>
</tr>
<tr>
<td>783</td>
<td>Home Delivery, Prepaid, Return Manager Printed Label, Alcohol, Adult Signature Required</td>
</tr>
<tr>
<td>784</td>
<td>Home Delivery, 3rd Party, Return Manager Online Label, Alcohol, Adult Signature Required</td>
</tr>
<tr>
<td>785</td>
<td>Home Delivery, Prepaid, Return Manager Online Label, Alcohol, Adult Signature Required</td>
</tr>
</tbody>
</table>

### New Field Additions to EPIC

<table>
<thead>
<tr>
<th>Field #</th>
<th>Field Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>700</td>
<td>COD RETURN Operational Instructions Element # 2</td>
</tr>
<tr>
<td>701</td>
<td>COD RETURN Operational Instructions Element # 3</td>
</tr>
<tr>
<td>702</td>
<td>COD RETURN Operational Instructions Element # 4</td>
</tr>
<tr>
<td>703</td>
<td>COD RETURN Operational Instructions Element # 5</td>
</tr>
<tr>
<td>704</td>
<td>COD RETURN Operational Instructions Element # 6</td>
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<tr>
<td>705</td>
<td>COD RETURN Operational Instructions Element # 8</td>
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<tr>
<td>706</td>
<td>COD RETURN Operational Instructions Element # 9</td>
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<tr>
<td>707</td>
<td>COD RETURN Operational Instructions Element # 10</td>
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<td>Field Name</td>
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<tr>
<td>708</td>
<td>COD RETURN Operational Instructions Element # 11</td>
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<td>709</td>
<td>COD RETURN Operational Instructions Element # 12</td>
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<td>710</td>
<td>COD RETURN Operational Instructions Element # 13</td>
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<td>711</td>
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<tr>
<td>714</td>
<td>COD RETURN Operational Instructions Element # 17</td>
</tr>
<tr>
<td>715</td>
<td>COD RETURN Operational Instructions Element # 18</td>
</tr>
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<td>716</td>
<td>COD RETURN Operational Instructions Element # 19</td>
</tr>
<tr>
<td>717</td>
<td>COD RETURN Operational Instructions Element # 20</td>
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