FedEx Ship Manager® Server 20.08

Developer Guide

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Legal and Copyright Notices

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Disclaimer

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

About this Document

This guide introduces FedEx Ship Manager® Server (FSMS) transactions and provides information on how to use them. It provides the detailed information you need to understand, code, and develop transactions for your business shipping needs and integrated solution applications. Tables of fields and field properties are shown for each FedEx service and shipping function. The FSMS shipping process and methods are also explained. Each section of this guide includes a description of the business logic that supports valid field selection and coding. Use this guide to understand FSMS transaction fundamentals and the shipping rules to which the transactions adhere. Use the detailed field property information to determine which fields are valid for your transaction function and whether you have a complete set of fields for any single transaction per your business requirements.

Organization

The FedEx Ship Manager® Server Developer Guide contains introductory chapters about the FSMS software installed on your local client hardware and describes the fundamentals of creating FSMS transaction strings. You can find the basic information about labels, including fields that you can choose when you want to print them. This guide provides both high-level and detailed field information for developing Open Ship and other FSMS transactional shipping processes.

The chapters describe FSMS transactions based on the FedEx service options and allows you to choose the required transactions to ship your packages and commodities. They are organized as follows:

- FedEx Express® U.S. Service—refer FedEx Express U.S. Service

- FedEx Ground® U.S. Service—refer FedEx Ground U.S. Services

- FedEx Ground® Economy—refer FedEx Ground® Economy

- FedEx Freight® U.S Service—refer FedEx Freight U.S. Services

- Intra Country Shipping—refer FedEx Express Intra-Country Shipping

- FedEx Express International Service—refer FedEx Express International Services

- FedEx International Ground® Service—refer FedEx International Ground Services

- FedEx Freight® International Service—refer FedEx Freight International Services

- FedEx International DirectDistribution Surface Solutions, formerly known as FedEx® Transborder Distribution—refer FedEx International DirectDistribution Surface Solutions

- FedEx International Priority DirectDistribution® Freight—refer FedEx International Priority DirectDistribution

- Information about FedEx Return solutions—refer FedEx Global Return Solutions

- Information about FedEx Label Requirements—refer FedEx Ship Manager® Server Label and Form Transactions

- Information about Tracking Packages and Generating Reports using FSMS—refer Generating FedEx shipping Forms and Reports

- Information about FSMS Utilities—refer FedEx Ship Manager® Server Utilities

  Note: Services are accessible once they are launched in the market, Contact FedEx Support for more details.

Audience

The audience for this guide is a developer, a software programmer, an application architect, or any user who wants to understand how to write transaction code using FSMS to implement solutions that support the shipping needs of their company's business operations.

Conventions

This guide uses the following conventions in the text.

Indicator	Description
Courier New	Sample transaction code is formatted in `Courier New`.
Note	Important notices begin with the word "*Note*"
Bold	In task instructions, software user interface elements, or information you need to enter in a field or transaction, are formatted in bold.
Italics	Names of documents and FSMS transactions are shown in italics. For instance, the *020/120 Global Ship Request/Reply*.
Italics (followed by a definition)	First occurrence of a term is italicized followed by a definition. For instance, *EEI filing* (Electronic Export Information)
purple	Cross-references are in purple

Resources

FedEx Ship Manager® Server Developer Guide previous versions are at <u>v16.0.1</u>, <u>v17.0.1</u>, <u>v18.0.1</u>, <u>v20.01</u>, <u>v20.04</u>, <u>v20.06, v20.07</u>

Support

Support Type	Access	Prompt	Support Topics	Hours
Web	FedEx.com	NA	NA	NA
FedEx Technical Support	1.877.339.2774	FedEx Ship Manager® Server	fedex.com FedEx Ship Manager FedEx Web Services More options	Monday to Friday CT 7 a.m. – 9 p.m. Saturday CT 7 a.m. – 3 p.m.
FedEx Customer Service	1.800.463.3339	In a few words, please say what you are calling about.	Schedule a pick-up I need shipping rates Track a package Find a FedEx	24 hours a day, 7 days a week

Support Type	Access	Prompt	Support Topics	Hours
			location More options	
FedEx Dangerous Goods	1.800.463.3339	Say Dangerous Goods or type 81 on phone keypad *Note: 81 is the IVR option for Dangerous Goods for the support number 1.800.463.3339*	Schedule a dangerous goods or HazMat pick-up, ship alcohol or firearms, get rates or order supplies Technical Support International Dangerous Goods questions SDemand with a Dangerous Goods Representative	Monday to Friday CT 7 a.m. – 7 p.m. Saturday CT 10 a.m. – 2 p.m.

FedEx Ship Manager® Server installation is free. Contact FedEx Support Representative on call 1.800.463.3339 if you wish to expand your current FedEx Ship Manager® Server (FSMS) installation or want additional information.

If you have questions or need technical assistance:

- United States and Canada: Call **1.877.339.2774**. Support hours are 7 a.m. to 9 p.m. CT Monday through Friday and 7 a.m. to 3 p.m. CT Saturday.

- Europe: Visit **fedexeurope.my.salesforce-sites.com/premiumCT/**

- The Indian Subcontinent, the Middle East and Africa: email **meisatechsupport@fedex.com**

- Asia-Pacific: email **fdxhelpdesk@fedex.com**

- Brazil: email **ct-brazil@corp.ds.fedex.com**

- The rest of Latin America and the Caribbean: click here for your country's dedicated support phone number.

FedEx Service Guide

FedEx Service Guide provides more details about FedEx services, packaging, and other information. You can 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 Introduction to FedEx Ship Manager® Server

FedEx Ship Manager® Server (FSMS) is the transaction processing interface for the FedEx services that ship your products and packages to their final destinations every day. Run FSMS on a local client or integrate the application with your current shipping operations and bring the power of FedEx Services to your shipping station for local and worldwide deliveries.

This chapter describes:

- FSMS features.

- The transaction model on which the application is based.

- The requirements for system setup and network connections.

1.1 FedEx Ship Manager® Server

FedEx Ship Manager® Server is a transaction-based network shipping solution. It is implemented by technologically advanced shippers who integrate FedEx shipping capabilities into their automated shipping operations. FedEx Ship Manager® Server is recommended for shippers who need speed and convenience to process, label, and ship extremely large numbers of packages and commodities each day.

Requirements

- Local client at your shipping location

- Microsoft Windows® operating system

- Microsoft Hyper-V® virtualization environment

- Internet connections

Benefits/Advantages

- Installation is free.

- Integrates FedEx shipping, tracking, rating, and routing services with your existing business systems to provide fast and reliable shipping.

- Fast dedicated transaction-based connection to FedEx that provides reliable service for getting shipments from origin to destination within time-critical requirements and non-time-critical requirements.

- FedEx Ship Manager® Server (FSMS) allows shipping from and to anywhere with valid FedEx shipping services available between origin and destination. In addition, FedEx customers who integrate FSMS with their automated and warehouse shipping software, enjoy flexibility to set up and customize FSMS to meet their individual business or to meet individual business needs.

- FedEx customers are privileged with the flexibility to change shipping configuration as operational needs change. A single installation can support large number of shipping origins, accounts, and meters regardless of location. It depends on what works best for you and how you want your FedEx shipping to integrate with your other business operations.

- With FSMS the FedEx shipper determines the required number of resources including both hardware and personnel. Using FSMS function-specific software modules, it is possible to develop, configure and activate a shipping solution that effectively supports the day-to-day demands of your business and shipping needs. Refer FedEx Service Guide for a comprehensive guide to all FedEx services.

1.2 Overview

Developer Guide describes how to create integrated FedEx shipping solutions using the FedEx Ship Manager® Server (FSMS) software and configure FedEx service modules. For example, it describes the transactions that support FedEx Express U.S. shipping separately from those that support FedEx Ground® or FedEx Express® international shipping. If your business ships primarily to Canada, you will find the transactions that support U.S.-Canada cross-border shipping services located together in FedEx International DirectDistribution Surface Solutions.

FedEx shipping rules

As you work with FSMS transactions, you become familiar with the FedEx shipping rules that govern each transaction. These are different for each of the FedEx shipping services. Within each chapter you will find rules and guidelines for developing transactions, as well as transaction tables that list the data fields required for the transactions described. Use these tables as templates for coding your transactions.

Resources

- FedEx Service Guide: This guide provides an overview of FedEx services and how to ship using FSMS. It provides a summary of features and service details for each FedEx shipping service available through FSMS. It assists you in quickly determining the best solution for your shipping requirements. Shipping rules and package restrictions described for each service help you to understand what you need to consider before you begin to code.

- FedEx Ship Manager® Server Installation and Configuration Guide: This guide describes how to install FedEx Ship Manager® Server (FSMS) and perform the initial configuration required to enable FSMS to communicate with FedEx so that you can begin shipping.

- FedEx Ship Manager® Server Technical What's New Guide: This guide provides technical information about new features, transactions, and transaction fields that make up the new functionality and enhancements.

- FedEx Ship Manager® Server Transaction Coding Reference Guide: This guide provides a detailed description of each field. Field descriptions include field properties and usage information for coding transactions.

The following sections of this chapter introduce you to the FSMS architecture and transaction processing model. They describe the importance of a quality network connection to FedEx and provide a system overview to help you see the many ways in which you can implement FSMS as a flexible solution for your shipping.

Getting assistance

Implementation of FSMS should be performed only by professional software developers, IT administrators and others who are experienced in developing, staging and managing large enterprise network application systems. It should not be attempted by untrained end users. If you need assistance, contact your FedEx account executive, customer integration consultant (CIC) or FedEx support.

1.3 Architecture

The FedEx Ship Manager® Server (FSMS) architecture is an integrated solution designed to meet the unique shipping needs of small to medium and large enterprise businesses. The architecture is flexible and can be configured to fit your specific operations setup. By referring to this architecture, you can decide to install the number of FSMS clients as required and whether to dedicate different printers for labels and reports. In all cases, make sure to precede any architectural strategy you design with an in-depth study of your business practices and operations, shipping history, paper trail and compliance requirements, physical shipping facilities and more.

Choose the architecture type you want to implement.

You can install FSMS:

- On a single computer and network FSMS application to other computer stations in the organization.

- On multiple computers located in physically separate locations through the organization or on global corporation.

The strategy you select should be optimized to support your business structure, and FedEx has many excellent consultants who can help you determine the best strategy for your business. Consider the following information to help you decide.

Networks and connectivity

The FSMS software installed on a computer in your data center and is self-contained. That is, although it requires a network connection to FedEx over a secure Internet (TCP/IP) for uploading and downloading of shipping data, it does not require a constant connection. All shipping functionality is contained within the FSMS application.

Set up your network connectivity in a way that makes sense for your shipping operations. Refer the FedEx Ship Manager® Server Installation and Configuration Guide for the requirements for hardware, software, and network connections.

> Note: While shipping LTL Freight shipments we need network connectivity to communicate with backend systems.

Meters

- Each FSMS client is assigned its own meter number which identifies the hardware device and software you have installed. There are two types of FedEx meters: parent and child.

- The parent meter, also called the parent meter, is typically the first meter that you receive when you register your FSMS installation with FedEx. The parent meter, and all child meters you create, are associated with your company FedEx account and identify you as the Sender in all Request transactions to FedEx.

- Child meters are associated with a parent meter. You must register and receive a parent meter before you can register for a child meter. Child meters are useful when you have several shipping departments within a single organization or complex of buildings.

- At the end of each shipping day, you can close all meters, both master and child, using the 007 End-of-Day Close transaction in order to generate the configured end-of-day reports, move the current shipments into the shipment history and trigger an additional occurrence of the normal Hourly Upload of Shipment data. This action enables FedEx to receive information about the shipments you have processed during the day and to properly route and rate your packages. This is critical to FedEx operations and ensures that you receive the highest quality

of service from FedEx. For the best system performance and backup/maintenance, FedEx recommends using no more than 50 meters on a server, depending on the hardware specifications and operating system.

Note: Each meter should only be on one piece of hardware for the component files, such as tracking numbers and rates, to automatically download through the reconcile process correctly.

Secure network communication interface

The Communication Network Interface figure shows an example of how FSMS can be implemented using a single FedEx Ship Manager® Server (FSMS) application accessed by multiple computers inside a corporate fire wall. FedEx Ship Manager® Server is connected to a shipping system that employs multiple printers to print labels and reports throughout the shipping day. Communication with the FedEx corporate systems takes place over a secure TCP/IP Internet network and can also be made available over a dial-up server.

Figure 1: Communication network interface
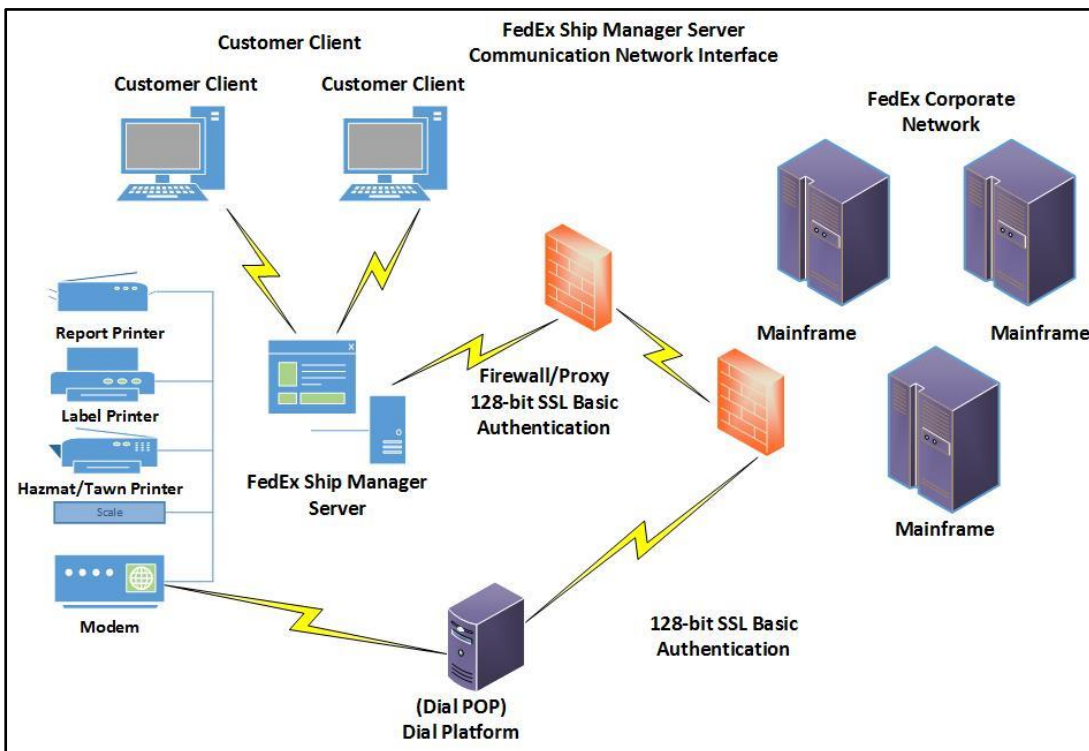
1.4 FedEx Ship Manager® Server transaction model

The FedEx Ship Manager® Server (FSMS) application processes transactions on your local FSMS application and sends your shipping information to FedEx for routing, rating and other delivery processing. The transaction processing requires only a part-time network connection with FedEx systems. This connection also enables you to obtain data required to complete your shipping operations, such as receipt of delivery dates, rates, time-in-transit and tracking information.

The FSMS application provides different transactions for different types of shipping tasks. For example, when you need to enter data about packages you are shipping, use the 020 Global Ship Request transaction. However, if you need to delete a package in a shipment, use the 023 Global Delete Request transaction.

This guide provides a complete List of FedEx Ship Manager® Server Transaction Pairs.

FedEx Ship Manager® Server transactions are grouped in Request/Reply pairs, also called transaction sets. With FSMS, a shipper sends a Request transaction to FedEx that identifies the shipment and tells FedEx that the shipment is prepared and ready to ship. It also tells FedEx who is sending the shipment and to whom it will be delivered. Depending on the origin of the shipment, its destination and its contents, other data are required to complete the transaction, such as declared customs value or hazardous materials data. When FedEx receives the request from the shipper, the shipment is processed, and FedEx returns a Reply transaction that contains the data required by the shipper to complete his shipment. The shipper prints labels and FedEx routes the shipment, picks it up and delivers it.

In About FedEx Ship Manager® Server Transactions, you will learn how FSMS transactions are used, as well as how to construct a transaction statement using FSMS data fields.

1.5 Network and internet requirements

FedEx Ship Manager® Server software must communicate with FedEx directly through a network connection. To have this network connection, the server running FedEx Ship Manager® Server (FSMS) must have:

- FedEx Ship Manager® Server installed and configured

- Dedicated IP address

- Access to the Internet to communicate with FedEx

- Winsock loaded

Refer the FedEx Ship Manager® Server Installation and Configuration Guide for the FSMS system requirements.

1.6 Getting started with FedEx Ship Manager® Server

Prerequisites

1. Complete the research and planning that supports the implementation of FedEx Ship Manager® Server (FSMS) integration with your shipping process.

2. Install and configure FSMS on a local client. If you have not installed FSMS, refer the FedEx Ship Manager® Server Installation and Configuration Guide for instructions and checklists of administrative tasks that help you to properly install FSMS on your local system. For assistance and support, contact your FedEx account executive.

To get started:

- Chapter 1 and 2 in this Developer Guide provides an overview of the FSMS product. These chapters describe how FSMS works and explain the transaction model that it uses.

- Locate the sections in this guide that provide the information you need to complete your FSMS software integration. For example, if you are implementing a FedEx Ground U.S. shipping solution, you need to be familiar with the transaction syntax that supports that service in FedEx Ground U.S. Services .

- Ensure to know the FedEx shipping rules and restrictions that are part of every FSMS shipping transaction you code. This guide describes shipping rules as they relate to a transaction

function, such as rate quotes or weight limits allowed as data values. For a comprehensive guide about FedEx shipping and services, read the FedEx Services Guide on fedex.com.

- Refer the FedEx Ship Manager® Server Transaction Coding Reference Guide for all the transaction field elements that you use to code your FSMS transactions.

- For additional developer-centric information and resources that support your work, log on to fedex.com/us/developer and register at the Developer Resource Center.

- If you need to register a meter, review the Meter Registration Utility information FedEx Ship Manager® Server Utilities.

2 About FedEx Ship Manager® Server transactions

The FedEx Ship Manager® Server (FSMS) is a transaction-based interface for FedEx® shipping services and each transaction are based on shipping rules that support FedEx services and shipping operations. It is essential that, as a developer, you understand the shipping logic for each transaction you write a code. This logic helps you to determine which fields to include in a transaction and is important for developing successful replies that return the information you need for your shipping operations.

This chapter describes the types of FSMS transactions that you can develop and the rules for coding basic transactions.

2.1 FedEx Ship Manager® Server (FSMS) transaction overview

FedEx Ship Manager® Server provides the speed and efficiency that allows large-volume shippers to move their products quickly from shipping dock, warehouse or distribution center to their destinations using FedEx shipping services. It supports those shipping services which are especially applicable for enterprise businesses that demand constant movement of product from manufacturing or warehouse floor outbound to customer locations.

As your shipment moves from your shipping dock to its destination, you can track its status and location on **fedex.com** using an assigned tracking number.

Refer section 2.3 FedEx Ship Manager® Server Shipping Process and Workflow in this chapter for more information about steps for processing shipments.

2.1.1 Flexible transaction functions

Code FedEx Ship Manager® Server transactions to meet the detailed requirements and demands of your shipping environment. Because it gives you the ability to write code that integrates with your existing business or warehouse software, you can work in the way that is most efficient for preparing and shipping your product or commodity.

You can code transactions to do almost anything you might need to accomplish as part of your shipping scenario. If FedEx provides the service, in most cases, FSMS transactions can deliver that service as part of your integrated solution.

2.1.2 Rule-Driven transaction logic

FSMS transactions are rule driven. They support and enforce the FedEx shipping rules and restrictions that define the FedEx services. To understand how to properly code a successful transaction, you must first understand the FedEx service and shipping rules for the solution you want to implement. This requires research and knowledge transfer.

To assist you, the FedEx Service Guide describes the shipping rules for each FedEx service that is available with FSMS. This guide also helps you determine which solution best fits your shipping needs.

Contact FedEx Account executive for guidelines and assistance on FSMS implementation processes.

2.1.3 Shipping services from FedEx

This Developer Guide helps you to code those transactions already formed. When your transactions are properly formed, you ensure that your FSMS client receives the correct information from FedEx to correctly rate and complete your shipment. Likewise, when you adhere to FedEx shipping rules, you ensure that appropriate forms and labels are printed for each shipment you process.

For example, if your shipping is primarily from a Canada location to U.S., enter your broker contact as destination for a package and select the FedEx® International DirectDistribution Surface Solutions service type. FedEx helps you to make sure the package is of correct weight and size for the service specified and that all customs paperwork that must accompany the package is completed for the shipment. This means that the U.S.-Canada customs rules required for cross-border shipping are met and that your shipment is less likely to encounter delays during border crossing.

Refer this guide to learn how to code FSMS transactions and determine which fields to include to adhere to FedEx shipping rules.

2.2 Before you begin to code

Before you begin coding transactions, it is important to understand the details about the shipping that your company does. If your shipping is integrated with business operations, then the type of transactions you may need to code will be different than the shipping which is managed from a warehouse center, or if it is managed by separate departments in remote office buildings.

Each FedEx customer shipping environment is unique. Therefore, it is important to approach creating FedEx Ship Manager® Server (FSMS) transactions for your FedEx shipping by asking two questions:

- What are the specific shipping needs of my business?

- What are the FedEx shipping option available to me?

2.2.1 Develop knowledge of FedEx services

An in-depth understanding of your business combined with a knowledge of FedEx shipping services results in a shipping strategy that will fully support your day-to-day shipping operations.

FedEx Ship Manager® Server is a recommended solution for high-volume customers shipping large numbers of packages/pallets each day both within the U.S. and abroad. Through the FSMS transaction interface, you have the flexibility to select multiple function modules that allow you to custom code shipping transactions that give you fast reliable service.

To help you understand what is available, FedEx provides a description of the FSMS shipping services in the FedEx Service Guide. This guide provides information that can help you quickly decide which FedEx service best meets your need. You can also visit **fedex.com** to know more about the FedEx services.

2.2.2 Become familiar with resources

This Developer Guide provides the information you need to build each transaction to your specifications. It contains both field and transaction syntax tables to help you through the transaction coding process. It also describes the shipping rules and restrictions that define the transaction values to which you must code.

After you learn how easy it is to code a transaction, you will find the FSMS transaction coding tables in the FedEx Ship Manager® Server Transaction Coding Reference Guide very useful. Refer the coding reference guide to quickly look up or confirm specific field properties as you create, finalize, and test

your completed transaction programs. It also contains a complete list of error codes and messages to help you debug your programs as you work.

For additional assistance, register on **fedex.com** for the FedEx Ship Manager® Server Developer Resource Center. This website provides the latest developer information for building and maintaining your FSMS integrated application and shipping solution.

2.3 FedEx Ship Manager® Server (FSMS) shipping process and workflow

Select how you want to ship and where in your operations you want shipping to integrate with your other business practices. Follow these basic steps to process a shipment using FSMS.

Prepare your shipment

Prepare and package your shipment prior to shipping. For certain shippers, this may be a warehouse pick and pack process that results in pallet shipments. For other shippers, operations may require that products be packaged for shipping as individual orders are received and invoices processed.

Follow the rules and restrictions for preparing packages and shipments on **fedex.com.** Check package weight and size to ensure it is within the allowed limits for the service type you select.

Request tracking numbers

Request preassigned tracking numbers for packages you plan to ship during the day. Use the 004 Tracking Number Request transaction to receive a range of tracking numbers in 104 Tracking Number Reply transaction that you can assign to individual packages. This request is most used by shippers who need to give customers tracking numbers before they ship their order. Requesting tracking numbers is an optional step.

Create your FedEx shipment

Use the 020 Global Ship Request transaction to create your shipment.

Create a shipment depending on how many packages are in the shipment. The different ways are:

- Single Package—code a single transaction that creates a one-package shipment that you can ship immediately.

- One or More Packages—code a multiple-piece shipment in either a single transaction or as an Openship transaction. Openship creates a master shipment when you enter the first package and allows you to add packages to the "open" shipment throughout the day. When the Openship shipment is complete, you must confirm that the shipment is complete prior to shipping.

- The 020 Global Ship Request transaction must include the required fields that tell FedEx where to send the package, which service to use, how many packages to ship, if the package contains alcohol, Dry Ice, dangerous goods, or hazardous materials, and which special service options to apply. The 120 Global Ship Reply transaction returns data you need for your labels and documents, as well as tracking numbers and other shipment information.

Check Rates and Origin/Destination addresses

This step is optional. FedEx Ship Manager® Server tracks packages using a Delivery Confirmation Number, which occurs after the shipment is confirmed to FedEx. You will receive information in real time about your package as it moves towards its destination. Tracking is provided via the Web Services

product. For information about transactions that track packages, see the Developer Resource Center at fedex.com/developer.

Process and complete your shipment

If you created an Openship shipment, then continue to add packages as needed throughout the shipping period. When you are ready to complete the shipment, use the 020 Global Ship Request transaction to confirm that the shipment is complete and ready for FedEx pickup.

If you used a single transaction to create and complete the shipment, then the shipment is ready for FedEx pickup.

If you need to delete a shipment that you have completed and/or confirmed, use the 023/123 Global Delete Request/Reply transaction. This transaction deletes one or more packages from a shipment or deletes the entire shipment.

Print labels

The 120 Global Ship Reply transaction includes data required for printing labels. Some of this data is coded based on preselected options set by the shipper during the FSMS configuration process, such as the label type and printer ID.

Choose to print your labels after your shipment is processed (at the end), print them for each package as it is processed (Print-As-You-Go), or defer printing of labels by saving labels to a buffer file that you can send to the printer later. If you need to reprint any label, use the 095 Label Reprint Request transaction. Remember to periodically clean out the folder that contains these label buffer files to maximize performance.

The 195 Label Reprint Reply transaction returns the label for printing on a printer that you have either pre-selected or designated in the 095 transaction.

Print customs and shipping documents

Print or upload customs and shipping documents, such as commercial invoices, manifests and shipper declarations, any time prior to pick up by FedEx. Some of the information that must print on custom forms is pre-configured on your FSMS client. Some of the information must be passed in a 020 Global Ship Request transaction which identifies the report or document you want to generate and print.

> **Note:** FedEx® Electronic Trade Documents may be uploaded a maximum of ten days before shipment.

Attach labels and prepare packages for pickup

Attach a proper FedEx label to your package(s) so that FedEx can pick up the package. If you are using a custom label that is not a standard FedEx label, be sure to have the label approved by FedEx before you use it on your packages. Improperly designed labels result in packages that cannot be handled by FedEx automation devices at FedEx service locations.

Close all shipments for the day

Use 007 End-of-Day Close request transaction in order the FedEx Ship Manager® Server to generate the configured end-of-day reports, move the current shipments into the shipment history and trigger and additional occurrence of the normal Hourly Upload of Shipment data.

Track packages

This step is optional. FedEx Ship Manager® Server tracks packages using a Delivery Confirmation Number, which occurs after the shipment is confirmed to FedEx. You receive information in real time about your package as it moves towards its destination. Package tracking is supported by Web

Services using tracking numbers assigned by FSMS. For information about transactions that track packages, see the Developer Resource Center at **fedex.com/developer**.

2.4 FedEx Ship Manager® Server (FSMS) transaction Request/Reply pairs

FedEx Ship Manager® Server supports FedEx shipping services by designating specific transaction pairs to perform certain functions.

2.4.1 List of FSMS transaction pairs

- 004/104 Tracking Number Request/Reply—to obtain tracking numbers for FedEx Express® FedEx Ground® and FedEx Home Delivery®.

- 007/107 End-of-Day Close Request/Reply—to perform an end-of-day Close transaction or request the status of the End-of-Day Close, to generate the configured end-of-day reports.

- 017/117 Close By Reference Request/Reply—to print configured reports for all packages containing Field ID 1798 (Reference Designation for Close) and at least one designated reference field entry for all FedEx Express, FedEx Ground, and FedEx Home Delivery shipments.

- 020/120 Global Ship Request/Reply—to ship packages and request FedEx Express, FedEx Ground and FedEx Home Delivery for international, intra-U.S. and Canada shipments, FedEx Express routes and FedEx Ground and Home Delivery time-in-transit information for shipments.

- 023/123 Global Delete Request/Reply—to delete one or more packages from a shipment or to delete and entire shipment.

- 024/124 Shipment Query Request/Reply—to locate a package in the FSMS database.

- 025/125 Rate Available Services Request/Reply—to request rates and service options for specific origin/destination combinations.

- 033/133 Delete Email Label Request/Reply—to cancel an Email Label Request.

- 035/135 Child Meter Registration Request/Reply—to request a new child meter using a transaction rather than the Meter Registration Utility, which is the recommended method.

- 037/137 Email Return Label Request/Reply—to request an online return label be provided to a customer returning goods.

- 049/149 Pre-Shipment Document Upload Request/Reply—to upload customs documents and invoices up to ten days prior to package shipment for FedEx Express and FedEx Ground service U.S. to CA and CA to U.S.

- 050/150 Service Types and Special Services Request/Reply—to request official service names for shippers who hard-code them.

- 050/150 Versioning Request/Reply—to request your current FSMS software version information, check for software updates or update your software.

- 057/157 Demand Download Request/Reply—to perform the same functions as the FSMS Demand Download Utility.

- [060/160 Freight Create Bill of Lading Request/Reply](#)—to prepare a FedEx Freight® shipment, create the BOL, freight shipping label, PRO (tracking) number, schedule a pickup and rate shipments.

- [070/170 Meter Query Request/Reply](#)—to determine all the meter numbers for a given account number or determine the sender information for a given meter. You can also use this transaction to configure a meter, instead of using the FSMS Configuration Utility.

- [095/195 Label Reprint Request/Reply](#)—to reprint any previously printed labels or forms, either to replace damaged labels or documents, or for shipper records. Labels are available for up to 24 hours after the shipment is processed.

For shipping functions such as email labels and dispatch requests, refer the FedEx Web Services documents available on **fedex.com**.

2.4.2 004/104 Tracking Number Request/Reply

Use the 004/104 Tracking Number Request/Reply transactions to obtain tracking numbers for FedEx Express® , FedEx Ground®, FedEx Ground® Economy and FedEx Home Delivery®.

Request tracking numbers in advance, if needed, using this transaction. Use the 004 Tracking Number Request transaction to request and receive a tracking number that can then be assigned in the 020 Global Ship Request transaction. This is useful if a tracking number is needed prior to a shipment process. The 004 Tracking Number Request transaction is sent to the server requesting the preassigned tracking number. The server replies with a 104 Tracking Number Reply transaction containing the requested preassigned tracking number for FedEx Express shipment.

> Note: In 004/104 Tracking Number Transaction, the tracking number reply for an Electronic Trade Document (ETD) shipment will no longer provide the FORM ID field.

> Form IDs are returned from URSA. Hence it is no longer required to pass a Form ID.

Example 2-1

0,"004"1,"Step 009 Pre Assign Trk #"499,"1"99,""

Preassigning Tracking Numbers

To preassign tracking numbers to your shipments or have them assigned at ship time, FedEx Ship Manager® Server provides the 004/104 Tracking Number Request/Reply transaction to help you obtain tracking numbers for your FedEx packages and shipments. FedEx allocates tracking numbers for each meter configured on your account.

Use the 004 Tracking Number Request transaction to preassign a tracking number to your shipment.

Normally, FedEx customers preassign tracking numbers when they want to provide tracking information to their recipient before sending a package, or when they need to create a custom label with the tracking number printed.

When you request preassigned tracking numbers before shipping packages using the 004 Tracking Number Request transaction, the tracking number is returned in the 104 Tracking Number Reply transaction.

Transaction rule for Tracking Number Request

When using the 004 Tracking Number Request transaction to preassign a tracking number, include the meter number that is requesting the tracking number in the transaction.

Tracking numbers are assigned at the meter level, so the meter number is required for both the 004

Tracking Number Request and when you ship using the 020 Global Ship Request transaction.

Also refer Tracking FedEx Ground® Economy Shipments in [FedEx Ground® Economy](#).

2.4.3 007/107 End-of-Day Close Request/Reply

Use the 007/107 End-of-Day Close Request/Reply transaction to perform an End-of-Day Close transaction or to request the status of the End-of-Day Close.

Submitting an End-of-Day Close request causes the server to upload all necessary data to FedEx and generates end-of-day reports. An End-of-Day Close status request returns the status of the current End-of-Day Close transaction but does not cause an End-of-Day Close.

All shippers are required to perform an End-of-Day Close daily. This is a critical step in the FedEx shipping process. When you close your shipping meters at end of day, you enable FedEx to properly route and rate your shipments to provide you with the most efficient shipping service and dependability.

Perform an End-of-Day Close request on FedEx Express, FedEx Ground, FedEx Ground® Economy, FedEx Freight, and FedEx Transborder Distribution (or all simultaneously).

Example 2-2

0, "007"1, "FedEx7"498, "XXXX"3025, "FDXG"99, ""

0, "107"1, "FedEx7"10, "123456789"498, "00000XXXX"1939, "8"3025, "FDXG"99, ""

0,"007"2413,"Y"3025,"FDXA"99,""

2.4.4 017/117 Close By Reference Request/Reply

Close By Reference provides an alternative way to close your shipments. It lets you identify only those packages that are finalized and subsequently upload that package data to FedEx. You can close intra-U.S. and international FedEx Ground (including FedEx Ground® Economy) and FedEx Express shipments using at least one of the following customer reference fields.

- 25—Reference Information/Package Customer Reference Number
- 3001—Shipment Purchase Order Number
- 3002—Shipment Invoice Number
- 3003—Shipment Customer Reference Information

   Note: *Shipment level fields 3001, 3002, and 3003 are not supported by FedEx Ground® Economy.*

Use a specified reference field to close a segment of shipments for the day, shift, trailer, and so on. If you use one of the reference fields for operational needs, such as the Group MPS Contract Service (for FedEx Express® and FedEx Ground®), then you can specify a reference field, department field, or integrity field to group and deliver all pieces of a MPS at one time. For alcohol shipments, $AW is already used for the customer reference fields; therefore, use another reference designation for alcohol shipments.

Example 2-3

0,"017"1,"Reference Confirmation Transaction"25,"Dom US"498, 1798,"1"99,""

0,"117"1,"Reference Confirmation Transaction"10, 498,"413039"1798,"1"99,""

2.4.5 020/120 Global Ship Request/Reply

The 020/120 Global Ship Request/Reply transaction pair are the primary shipping transactions for FedEx Ship Manager® Server (FSMS).

Shipping Requests

Use the 020 Global Ship Request transaction to ship packages using any of the four available shipping methods: single shot, single piece, Openship and multiple-piece shipment (MPS). Also use it to ship FedEx Express and FedEx Ground shipments intra-U.S. and international. The 020 transaction must contain all the required field data for shipping the shipment. For example, it must specify the Recipient information, FedEx service type, required shipment and package information and, as applicable, the selected special services and delivery options.

The 020 Global Ship Request transaction contains the data that supports your entire shipping process, from preparation of the shipment through to the confirmation to ship and printing of labels.

Example 2-4

0,"020"1,"Domestic Shipment"11,"Express Test"13,"100 Main St"15,"Anywhere"18

,"9012369999"16,"al"17,"35801"23,"1"50,"US"498,1273,"01"1274,"92"1670,"100"99,""

Rates, Routes, and Time-in-Transit Requests

Use the 020 Global Ship Request transaction to request FedEx Express, FedEx Ground and FedEx Home Delivery rates (U.S. and Canada), FedEx Express routes, and FedEx Ground and FedEx Home Delivery time-in-transit information for shipments.

Example 2-5

This example shows a single piece transaction that requests both rate and time-in-transit data for a FedEx Ground shipment.

0,"020"1,"Single Package Ground Rate Quote/Time in Transit"11,"Recipient Company"13,"20 Peachtree Rd."15,"Memphis"16,"TN"17,"38125"18,"9012639234"23,"1"50,"US"18

,"199"498,""537,"\\printserver\eltronlp"1234,"3"1273,"01"1274,"92"1282,"N"1660,"N"1670

,"1500"3056,"PO Number 0001"3062,"2"99,""

Pre-Ship validation

Pre-validate a shipping transaction for FedEx Express, FedEx Ground and FedEx Home Delivery to ensure that your shipping information is correct prior to ship time. To pre-validate, include Field 184 (Pre-Ship Validation Flag) in a single shot or Openship transaction (see **chapter 3** Openshipping)

The tag 184 can be used with values Y and P.

Some of the scenarios are as follows:

1. I want to create an open shipment and get any validation errors return to me so that I can edit the shipment/package and correct them.

2. I want to create an open shipment only if there are no validation errors.

3. I want to add a package to an open shipment and get any validation errors return to me so that I can edit the shipment/package and correct them.

4. I want to add a package to an open shipment only if there are no validation errors.

5. I want check and see if the shipment passes validation but not actually create it yet.

6. I want to check and see if the open shipment passes validation in its current state.

7. I have a pre-assigned tracking number and I want check and see if the shipment passes validation and get the label content but not actually create it yet.

8. I want to check if a package can be added without pre validating the shipment.

9. I want to check if confirm piece can be performed without adding any package to an open shipment.

10. I want to check if create and confirm open shipment can be done together.

Sample transactions : I want to check if create and confirm open shipment can be done together -

Request (value Y)

0,"020"1,"Man Step 014 4X6 PNG Dom"4,"mphasis"11,"MPHASIS BFL"12,"Recipient contact name"13,"Man Step 014 4X6 PNG"14,"FEDEX PARKWAY"15,"New York"16,"NY"17,"10001"18,"1234567890"23,"1"25,"Man Step 014 4X6 PNG"26,"100"32,"Sender contact name"50,"US"75,"lbs"117,"US"**184,"Y**"187,"PNG"541,"YNNNNNNNY"542,"100"1116,"IN"1273,"01"1274," 01"1670,"1200"99,""

Reply

0,"120"1,"Man Step 014 4X6 PNG Dom"2,"2121"10,"314114140"30,"NF TSSA "33,"A1"194,"FRI"195,"EWR"198,"TSSA "409,"15Mar24"498,"413034"542,"100"1084,"CVGA "1136,"NF"2450,"10:30 AM"7651,"PRIORITY OVERNIGHT"99,""

Request (Value P)

0,"020"1,"Man Step 014 4X6 PNG Dom"4,"mphasis"11,"MPHASIS BFL"12,"Recipient contact name"13,"Man Step 014 4X6 PNG"14,"FEDEX PARKWAY"15,"New York"16,"NY"17,"10001"18,"1234567890"23,"1"25,"Man Step 014 4X6 PNG"26,"100"32,"Sender contact name"50,"US"75,"lbs"117,"US"**184,"P**"187,"PNG"541,"YNNNNNNNY"542,"100"1116,"IN"1273,"01"1274," 01"1670,"1200"99,""

Reply

0,"120"1,"Man Step 014 4X6 PNG Dom"10,"314114140"29,"712949894699"30,"NF TSSA "33,"A1"194,"FRI"195,"EWR"198,"TSSA "409,"15Mar24"498,"41XXX4"526,"0201"542,"100"552,"90004130340012001"553,"7Man Step 014 4X6 PNG"650,"TRK#"651,"0201"653,"NF TSSA "656,"7129 4989 4699"658,"FRI - 15 MAR 10:30A"659,"PRIORITY OVERNIGHT"661,"10001"662,"NY-US"663,"EWR"664,"1001891762110001000100712949894699"665,"587C1/7212/D078"671,"2"1084," CVGA "1117,"1"1125,"502"1136,"NF"1274,"01"1596,"0"1598,"0"2399,"0"2450,"10:30 AM"7651,"PRIORITY OVERNIGHT"99,""

Example 2-6

This code example shows a single shot multiple-piece FedEx Express shipment with pre-validation enabled.

0,"020"1,"Express single transaction MPS multiple ref fields"11,"Recipient Company"13,"20

Peachtree Rd."15,"Atlanta"16,"GA"17,"30052"18,"9012639234"23,"1"25,"CR001 Package 1"25-

2,"CR002 Package 2"25-3,"CR003 Package 3"25-4,"CR004 Package 4"25-5,"CR005 Package 5"50

,"US"184,"Y"187,"199"498,537,""541," NYYNNNNNN"1234,""1273,"01"0,"01"1660,"Y"1670

,"500"1670-2,"500"1670-3,"500"1670-4,"500"1670-5,"500"3062,"2"99,""

Electronic Trade Document transaction samples

Basic Single Piece Shipment for Commercial Invoice for Electronic Trade Documents for International Express Priority Shipment with a Commodity Originating in U.S.

Example 2-7

0,"020"1,"Single piece"11,"Company"12,"Name"13,"1 Main Street"15,"TORONTO"16,"ON"17,
"M5K1V8"18,"1234567890"23,"1"25,"Reference"26,"2501"50,"CA"70,"1"72,"1"74,"CA"75,"lbs"79,
"BOOKS"80,"US"116,"1"117,"US"119,"250100"187,"PNG"414,"IN"1090,"USD"1116,"IN"1139,
"123456789"1273,"01"1274,"92"1349,"S"1350,"123456789"1358,"30.37(i)"1670,"1000"1958,
"BBL"2805,"Y"2818,"1"2819,"C:\yourETDuploadsample.txt"99,""

Basic MPS Shipment for Commercial Invoice for Electronic Trade Documents for International Express Priority Shipment with a Commodity Originating in US

Example 2-8

0,"020"1,"MPS"11,"Company"12,"Name"13,"1 Main Street"14,""15,"TORONTO"16

,"ON"17,"M5K1V8"18,"1234567890"23,"1"25,"Reference"26,"2501"50

,"CA"70,"1"72,"1"74,"CA"75,"lbs"79,"BOOKS"80,"US"116,"4"117,"US"119,"250100"187,"PNG"414,
"IN"1090,"USD"1116,"IN"1139,"123456789"1273,"01"1274,"92"1349,"S"1350,"123456789"1358,
"30.37(i)"1670,"1500"1670-2,"1500"1958,"BBL"1958-2,"BBL"2805,"Y"2818,"1"2818-2,"1"2819,
"C:\yourETDuploadsample.txt"2819-2,"C:\yourETDuploadsample.txt"99,""

Openship Transaction for Commercial Invoice for Electronic Trade Documents for International Express Priority Shipment with a Commodity Originating in U.S.

Example 2-9

0,"020"1,"Open"11,"Company"12,"Name"13,"1 Main Street"14,""15,"TORONTO"16,"ON"17,"M5K1V8"18,
"1234567890"23,"1"25,"Reference"26,"25"50,"CA"70,"1"72,"1"74,"CA"75,"lbs"79,"BOOKS"80,"US"117,
"US"119,"250100"187,"PNG"414,"IN"541,"YNNNNNNNN"542,"Express"1090,"USD"1116,"IN"1139,
"123456789"1273,"01"1274,"01"1349,"S"1350,"123456789"1358,"30.37(i)"1670,"1500"1958,
"BBL"2818,"1"2819,"C:\yourETDuploadsample.txt"99,""
,"120"1,"Open"10,"610366546"29,"940079202765"49 ,"XXXXXX"526 ,"0430"542,"Express"1678,
"FDX0"2817,"ID-14BFE5DD-C4C0-4E7B-BCA4-AB8335EBAC27"2818,"1"2819,
"C:\yourETDuploadsample.txt"99,""
0,"020"1,"Add a piece"11,"Company"12,"Name"13,"1 Main Street"14,""15,"TORONTO"16

,"ON"17,"M5K1V8"18,"1234567890"23,"1"25,"Reference"26,"25"50

,"CA"70,"1"72,"1"74,"CA"75,"lbs"79,"BOOKS"80,"US"117,"US"119,"250100"187,"PNG"414,"IN"541,
"NNNYNNNNN"542,"Express"1090,"USD"1116,"IN"1139,"123456789"1273,"01"1274,"01"1349,"S"1350,
"123456789"1358,"30.37(i)"1670,"1500"1958,"BBL"2818,"1"2819,"C:\yourETDuploadsample.txt"99,""

0,"120"1,"Add a piece"10,"610366546"21,"15"26,"2500"29,"940079202776"57,""58,""59,""116,"2"498,
"XXXXXX"526,"0441"542,"Express"1117,"0002"1123,"940079202765"1124,"0430"2817,"ID-
1887A3B1-CD60-4154-A4D4-47CE41444921"2818,"1"2819,"C:\yourETDuploadsample.txt"99,""

0,"020"1,"Confirm"11,"Confirm"12,"Name"13,"1 Main Street"14,""15,"TORONTO"16,"ON"17,
"M5K1V8"18,"1234567890"23,"1"25,"Reference"26,"25"50 ,"CA"70,"1"72,"1"74,"CA"75,"lbs"79,
"BOOKS"80,"US"117,"US"119,"250100"187,"PNG"414,"IN"541,"NNNNNNNNY"542,"Express"1090,
"USD"1116,"IN"1139,"123456789"1273,"01"1274,"01"1349,"S"1350,"123456789"1358,"30.37(i)"1670,
"1500"1958,"BBL"2818,"1"2819,"C:\yourETDuploadsample.txt"99,""

OpenShip Transaction for Commercial Invoice for Electronic Trade Documents for International FedEx Ground Shipment with a Commodity Originating

0,"020"1,"Open"11,"Company"12,"Name"13,"1 Main Street"14,""15,"TORONTO"16,"ON"17,"M5K1V8"18,
"1234567890"23,"1"25,"Reference"26,"2501"50,"CA"70,"1"72,"1"74,"CA"75,"lbs"79,"BOOKS"80,
"US"117,"US"119,"250100"187,"PNG"414,"IN"541,"YNNNNNNNN"542,"GROUND"1090,"USD"1116,
"IN"1139,"123456789"1273,"01"1274,"92"1349,"S"1350,"123456789"1358,"30.37(i)"1670,"1500"1958,
"BBL"2818,"1"2819,"C:\yourETDuploadsample.txt"99,""
0,"120"1,"Open"10,"610366546"29,"005974770000025"498

,"XXXXXX"542,"GROUND"1678,"FDX0"2817,"ID-C7BB2A94-7ED9-48EC-996A-1C13E1B9ABEB"2818,
"1"2819,"C:\yourETDuploadsample.txt"99,""

0,"020"1,"Add a piece"11,"Company"12,"Name"13,"1 Main Street"14,""15,"TORONTO"16,"ON"17,
"M5K1V8"18,"1234567890"23,"1"25,"Reference"26,"2501"50,"CA"70,"1"72,"1"74,"CA"75,"lbs"79,
"BOOKS"80,"US"117,"US"119,"250100"187,"PNG"414,"IN"541,"NNNYNNNNN"542,"GROUND"1090,
"USD"1116,"IN"1139,"123456789"1273,"01"1274,"92"1349,"S"1350,"123456789"1358,"30.37(i)"1670,
"1500"1958,"BBL"2818,"1"2819,"C:\yourETDuploadsample.txt"99,""

0,"120"1,"Add a piece"10,"610366546"29,"005974770000032"498,"XXXXXX"1678,"FDX0"2817,"ID-
CB7F39C5-57DC-4F1F-AA94-745CAC0DD9F1"2818,"1"2819,"C:\yourETDuploadsample.txt"99,""0,
"020"1,"Confirm"11,"Company"12,"Name"13,"1 Main Street"14,""15,"TORONTO"16,"ON"17,
"M5K1V8"18,"1234567890"23,"1"25,"Reference"26,"2501"50,"CA"70,"1"72,"1"74,"CA"75,"lbs"79,
"BOOKS"80,"US"117,"US"119,"250100"187,"PNG"414,"IN"541,"NNNNNNNNY"542,"GROUND"1090,
"USD"1116,"IN"1139,"123456789"1273,"01"1274,"92"1349,"S"1350,"123456789"1358,"30.37(i)"1670,
"1500"1958,"BBL"2818,"1"2819,"C:\yourETDuploadsample.txt"99,""

0,"120"1,"Confirm"10,"610366546"34,"4720"35,"8745"36,"0"37,"13465"60,"30"112,"30"116,"2"498,
"XXXXXX"542,"GROUND"543,"0"1089,"0"1090,"USD"1092,"51"1274,"92"1359,"NO EEI 30.37(i)"1596,
"0"1598,"13465"1690,"N"1942,"N"1943,"N"1944,"N"1947,"100"1947-2,"490"1947-3,"660"1948,
"3640"1948-2,"248"1948-3,"4857"1981,"End of Day"1992,"0"2399,"3"2399-2,"3"2405,"N"2703,"-
1"2817,"ID-DCB68BD8-85AE-4AC6-80A5-1147DD7E4504"2817-2,"ID-F16250C6-C153-4DAD-AD81-

1F9331583062"2818,"1"2818-2,"0"2819,"C:\yourETDuploadsample.txt"2819-2,
"C:\FedEx\FedEx_ETDLabels\005974770000025.PDF"3058,"4"3063,
"9612022005974770000025"30632,"9612022005974770000032"3065,"420M5K1V8"3073,
"022"30732,"022"99,""

2.4.6 023/123 Global Delete Request/Reply

Use the 023/123 Global Delete Request/Reply transaction to delete one or more packages from a shipment or to delete an entire shipment. The following rules apply to a 023/123 Global Delete transaction.

- Identify the package(s) you want to delete using Field 29 (Tracking Number).

- Deletion requests cannot be undone. If you accidentally remove a package from a shipment, use the 020 Global Ship Request transaction to re-add it.

- If a tracking number from a FedEx international multiple-piece shipment (MPS) shipment or a U.S. C.O.D./MPS shipment is specified, then the entire shipment is deleted, as well as the individual tracking number.

- Deleted packages are uploaded as a separate cycle during the end-of-day processing.

  Note: *Do not use the 023 Global Delete Request transaction to delete International Priority DirectDistribution (IPD) shipments.*

Example 2-10

0,"023"1,"Global Delete"29,"545095170000927"498,"103942"99,""

0,"123"1,"Global Delete"29,"545095170000927"99,""

2.4.7 024/124 Shipment Query Request/Reply

Locate a package in the FSMS database by sending a 024 Shipment Query transaction and requesting information. This feature is available for all FedEx shipping solutions except FedEx Ground® Economy.

To search for a specific package by its tracking number, use the following fields:

- Field 29 (Tracking Number) to identify the package you want to query

- Field 1176 (Deleted Shipment Flag), 1361 (Shipment Status), and 1689 (Shipment Query Code) are optional; however, using these fields speeds up the query if the transaction is directed to look in a specific database rather than all FSMS databases.

To narrow the search for all packages that have been processed for a specific meter, use Fields 116 (Package Total), 1123 (Master Tracking Number), and 1176 (Deleted Shipment Flag) to target specific databases or specific package criteria. All tracking numbers processed for a specified meter return in the 124 Shipment Query Reply, along with the Recipient contact, Recipient Address Line 1, Recipient state, Reference information, and Shipper contact for each tracking number.

Example 2-11

0,"024"29,"447997341520"498,""99,""

Electronic Trade Documents (ETD)

The minimum 124 Shipment Query Reply fields for a FedEx® Electronic Trade Documents single-piece shipment with the Document Reference ID and ETD Status Code are shown in this example.

Example 2-12

0,"124"1,"Global Shipment Query"11,"Recipient Company"12,"Auto Step 004"13,"387 Main Street"14, "Single piece"15,"QUEBEC"16,"ON"17,"M1M1M1"18,"1234567890"22,"01"23,"49"24,"20100320"25, "Single piece"29 ,"876543289054"34,"2360"35,"7408"36,"472"37,"9296"50,"CA"53,"0"57,"0"58,"0"59, "0"60,"15"75,"LBS"1086,"0"1087,"0"2817,"ETDDOCUMENTEFERENCE"2822,"01"99,""

2.4.8 025/125 Rate Available Services Request/Reply

Use a single 025 Rate Available Services Request to receive the available FedEx services and corresponding rate quotes based on your specified package, service and Meter- Account origin/destination information.

This transaction is available for FedEx Express and FedEx Ground services with U.S., Canada and Puerto Rico origins.

If Field 1274 (Service Type) and Field 1273 (Packaging Type) are not passed in the request, then all valid service/packaging combinations for the origin/destination pair are returned in the 125 Rate Available Services Reply transaction. If only one of these fields is passed in the request, then the transaction functions as though the field is not present and requests all valid service/packaging combinations based on the origin/destination pair. By providing more information in the Request transaction, you can receive a Reply transaction with more specific information.

Rate quote is a courtesy rate quote using the Meter-Account origin/destination information.

Example 2-13

0,"025"1,"Rate All Services—weight"15,"MEMPHIS"16,"TN"17,"38115"50,"US"23,"1"117,"US" 1090, "USD"1670,"1500" 3062,"2"99,"

"0,"125"1,"Rate All Services—Weight, Field 3062=2"10,"199084747"33,"A1"33-2,"A1"33-3,"A1"33-4, "A1"33-5,"A1"33-6,"A1"33-7,"A1"33-8,"A1"33-9,"A1"33-10,"A1"33-11,"A1"33-12,"A1"33-13,"A1"33-14"A1"33-15,"A1"34,""34-2,""34-3,""34-4,""34-5,""34-6,""34-7,""34-8,""34-9,""34-10,""34-11,""34-12, ""34-13,""34-14,""34-15,""34-16,"582"34-17,"582"35,""35-2,""35-3,""35-4,""35-5,""35-6,""35-7,""35-8, ""35-9,""35-10,""35-11,""35-12,""35-13,""35-14,""35-15,"35-16,"22"35-17,"204"36,""36-2,""36-3,""36-4, ""36-5,""36-6,""36-7,""36-8,""36-9,""36-10,""36-11,""36-12,""36-13,""36-14,""36-15,""36-16,"0"36-17, "0"37,""37-2,""37-3,""37-4,""37-5,""37-6,""37-7,""37-8,""37-9,""37-10,""37-11,""37-12,""37-13,""37-14, ""37-15,""37-16,"604"37-17,"786"60,""60-2,""60-3,""60-4,""60-5,""60-6,""60-7,""60-8,""60-9,""60-10, ""60-11,""60-12,""60-13,""60-14,""60-15,""60-16,"15"60-17,"15"112,"15"116,"1"194,"TUE"194-2, "TUE"194-3,"TUE"194-4,"TUE"194-5,"THU"194-6,"THU"194-7,"WED"194-8,"WED"194-9,"WED"194-10, "WED"194-11,"TUE"194-12,"TUE"194-13,"TUE"194-14,"TUE"194-15,"TUE"409,"31Jan06"409-2, "31Jan06"409-3,"31Jan06"409-4,"31Jan06"409-5,"02Feb06"409-6,"02Feb06"409-7,"01Feb06"409-8, "01Feb06"409-9,"01Feb06"409-10,"01Feb06"409-11,"31Jan06"409-12,"31Jan06"409-13, "31Jan06"409-14,"31Jan06"409-15,"31Jan06"431,""431-2,""431-3,""431-4,""431-5,""431-6,""431-7, ""431-8,""431-9,""431-10,""431-11,""431-12,""431-13,""431-14,""431-15,""431-16,"N"431-17,"N"498, "6040"543-16,"0"543-17,"0"1086-16,"0"1086-17,"0"1090,"USD"1090-2,"USD"1090-3,"USD"1090-4, "USD"1090-5,"USD"1090-6,"USD"1090-7,"USD"1090-

8,"USD"1090-9,"USD"1090-10,"USD"1090-11,"USD"1090-12,"USD"1090-13,"USD"1090-14,"USD"1090-15,"USD"1090-16,"USD"1090-17,"USD"1133,"17"1273,"01"1273-2,"02"1273-3,"03"1273-4,"04"1273-

5,"01"1273-6,"02"1273-7,"01"1273-8,"02"1273-9,"03"1273-10,"04"1273-11,"01"1273-12,"02"1273-13, "03"1273-14,"04"1273-15,"01"1274,"01"1274-2,"01"1274-3,"01"1274-4,"01"1274-5,"20"1274-6, "20"1274-7,"03"1274-8,"03"1274-9,"03"1274-10,"03"1274-11,"05"1274-12,"05"1274-13,"05"1274-14, "05"1274-15,"06"1274-16,"92"1274-7,"90"1507,"614"1511,"0"1519,"5585"1520,"614"1525, "6199"1528,"6199"1596-16,"0"1596-17,"0"1598-16,"604"1598-17,"786"1599,"786"3018-16,"N"3018-17,"N"3058-16,"1"3058-17,"1"3084,"175"99,""

2.4.9 033/133 Delete Email Label Request/Reply

This transaction cancels an Email Label Request and will be invalid if you have already generated the label.

Example 2-14

0,"033"1,"Global Delete Package"29,"401202752160"498,"XXXXXX"99,""

0,"133"1,"033 Sample Transaction"10,"214877600"29,"041493670000390"498,"XXXXXX"99,""

2.4.10 035/135 Child Meter Registration Request/Reply

Use this transaction to register a child meter. The following business rules apply:

- The postal code is required for countries that are postal aware. If the country registering for a new child meter is not postal aware, no input is required. For a list of postal aware countries, see "Value Reference Tables" in Appendix C in the FedEx Ship Manager® Server Transaction Coding Reference Guide.

- State and/or province are required for U.S., Canada, and Puerto Rico only. No input is required if the countries outside these regions.

- A parent meter must be configured on the system running FSMS.

- After registration is complete, the new child meter number is displayed on the meter level lists in the FSMS Configuration Utility. You can control whether a child meter can be requested for a parent meter number using the FSMS Configuration Utility.

  Note:

- *FedEx Ship Manager® Server (FSMS) includes the request for the new 058 component when position 27 for Tag 1053-Download Flag is set to Y for the 035-transaction request.*

- *FedEx Ship Manager® Server (FSMS) includes the request for the 154 components when position 28 for Tag 1053-Download Flag is set to Y for the 035-transaction request.*

Example 2-15

0,"035"1,"Online Regn for Child Meters"4,"CompanyTest"5,"ABC Road"6,"ABCComplex."7,"Fairbanks"8, "AK"9,"99771"10,"106254079"25,"US Origin"32,"Kamini"117,"US"183 ,"9448107172"1053, "NNNNNNNNYNNNNNNNNNNNNNNNNNNN"1148,"FXRS"1149,"0760"1151,"1"1153,"C"1156,"02"1591, "02"9746,"07 60"99,""

 0,"135"1,"Online Regn for Child Meters"497,"000409082"498,"100002496"1155, "00000000000000000000"1201,""1590,""3028,"0000000"99,""

2.4.11 037/137 Email Return Label Request/Reply

Use the 037 Email Return Label Request transaction to request that an online return label be provided to a customer returning goods. Access to the label is provided via a URL sent in an email message from FedEx to the returning party.

Example 2-16

0,"037"1,"037 Sample Transaction"4,"sender company"5,"sender address1"6,"senderaddress2"7, "memphis"8,"TN"9,"38119"10,"214877600"11,"test recipient company"12,"test recipient contact"13, "test address 1"15,"test address 2"16,"NM"17,"88210"18

,"8885551212"21,""23,"1"26,"100"32,"customer name "50,"US"57,"12"58,"12"59,"12"75,"LBS"116,"3"117,"US"183,"9012638013"498,"XXXXXX"2399,"Y"1273, "01"1274,"01"1398,"THIS IS A TEST"1585,"US"1670,"100"1670-2,"100"1670-3,"1000"2387, "20091022"2389,"9011231234"2392,"validemailaddress@email.com"99,""

0,"137"1,"037 Sample Transaction"10,"214877600"29,"041493670000406"112,"1"116,"1"498, "XXXXXX"542,""1089,"0"1092,"5"1274,"92"2399,"0"2405,"Y"3065,"42088210"99,""

> *Note: Future Day Shipping is not applicable/allowed for Email Return Label requests because Field 24 (Ship Date) cannot have a value other than the current system date.*

2.4.12 049/149 Pre-Shipment Document Upload Request/Reply

The 049/149 Pre-Shipment Document Upload transaction uploads customs documents electronically to brokers before the shipment has left its origin. This allows errors to be discovered and corrected before the shipment arrives and helps to streamline the customs process.

Pre-Shipment Document Upload is available for FedEx Express and FedEx Ground CA to U.S. and U.S. to CA.

These requests and reply examples show a transaction for a Commercial Invoice for Electronic Trade Documents for International Express Priority shipment with a commodity originating in U.S.

> *Note: Whenever using the 049/149 Transaction, you must also use the 020/120 Transaction to complete the transaction.*

Example 2-17

0,"049"1,"Single piece"11,"Company"12,"Name"13,"1 Main Street"15,"TORONTO"16,"tn"17,"38135"18, "1234567890"23,"1"25,"Reference"26, "2501"50,"us"116,"1"117,"US"119,"250100"187,"288"414, "IN"1090,"USD"1116,"IN"1139,"123456789"1273

,"01"1274,"01"1349,"S"1350,"123456789"1358,"30.37(i)"1670,"1500"1670-2,"1500"1958,"BBL"2805, "Y"2817,"test049"2818,"1"2819,"C:\yourETDuploadsample.txt"99,""
0,"149"2,"5040"3,"c:\filename.doc"10,"610366546"50,"CA"117,"US"498,"000XXXXXX"2817,"4"2818, "1"2819,"C:\CI_935073550415.rtf"2821,"C"99,""

2.4.13 050/150 Service Types and Special Services Request/Reply

The 050 Service Types and Special Services Request transaction returns the FedEx service branded names, service short names, special service names, accessorial names and packaging types depending on your input request.

This transaction includes the supported codes, a brief description of the product or service, the official full name of the product and service, weight limits and delivery commitments as applicable.

Control (service type) information is available for FedEx Express® and FedEx Ground® for the following shipment areas:

- Intra-U.S.
- International
- Intra-Canada

You may also use this transaction to return software version information or update your software (refer 050/150 Versioning Request/Reply).

Example 2-18

0,"050"1,"Service Types and Special Services"498,""1274,"01"1989,"03"99,""

Scenario 1: Successful transaction-

0,"150"1,"Service Types and Special Services"9,"38017"10,"410885743"17,""50,""117,"US"498, "103942"1274,"01"1274-2,"01"1274-3,"01"1987,"Priority Overnight"1987-2,"International Priority"1987-3,

Scenario 2: Unsuccessful transaction –

0,"150"1,"Service Types and Special Services"2,"0713"3,"Country code not found ... please try again

later."9,"381197539"10,"689718280"17,""50,""117,"US"498,"762398"1989,"03"99,""

"International Priority"1988,"FedEx Priority Overnight"1988-2,"International Priority"1988-3, "International Priority"1989,"03"1991"Packaging Small Name","FedEx Envelope"1991-2,"FedEx Pak"1991-3,"FedEx Box"1991-4,"FedEx Tube"1991-5,"FedEx 10kg Box"1991-6,"FedEx 25kg Box"1991-7,"Customer Package"1993,"D"1993-2,"I"1993-3,"I"1997,"1"1997-2,"1"1997-3,"1"99,""

Table 1: 050/150 samples - Query Request Code (tag 1989)

Request	Reply
Value 1 – Service Type	
0,"050"1,"US Dom"9,"10314XXX9"17,"330218320"50,"US"117,"US"498,"41XXX7"1989,"01"99,""	0,"150"1,"US Dom"9,"103141529"10,"31411XXX6"17,"330218320"50,"US"117,"US"498,"41XXX7"1274,"01"1274-2,"1"1274-3,"20"1274-4,"03"1274-5,"3"1274-6,"05"1274-7,"5"1274-8,"06"1274-9,"6"1274-10,"70"1274-11,"80"1274-12,"83"1274-13,"39"1274-14,"49"1274-15,"0"1274-16,"SL"1274-17,"SB"1274-18,"SM"1274-19,"SP"1274-20,"SR"1274-21,"112"1274-22,"113"1274-23,"90"1274-24,"92"1987,"Priority Overnight"1987-2,"Priority Overnight"1987-3,"Express Saver"1987-4,"2Day"1987-5,"2Day"1987-6,"Standard Overnight"1987-7,"Standard Overnight"1987-8,"First Overnight"1987-9,"First Overnight"1987-10,"1Day Freight"1987-11,"2Day Freight"1987-12,"3Day Freight"1987-13,"First Overnight Freight"1987-14,"2Day AM"1987-15,"Priority Overnight"1987-16,"Standard A"1987-17,"Standard B"1987-18,"Standard B Media Mail"1987-19,"Standard B Parcel Post"1987-20,"FedEx Ground Economy Returns"1987-21,"LTL Freight"1987-22,"LTL Freight"1987-23,"Home Delivery"1987-24,"FedEx Ground"1988,"FedEx Priority Overnight"1988-2,"FedEx Priority Overnight"1988-3,"FedEx Express Saver"1988-4,"FedEx 2Day"1988-5,"FedEx 2Day"1988-6,"FedEx Standard Overnight"1988-7,"FedEx Standard Overnight"1988-8,"FedEx First Overnight"1988-9,"FedEx First Overnight"1988-10,"FedEx 1Day Freight"1988-11,"FedEx 2Day Freight"1988-12,"FedEx 3Day Freight"1988-13,"FedEx First Overnight Freight"1988-14,"FedEx 2Day A.M."1988-15,"FedEx Priority Overnight"1988-16,"FedEx Ground Economy Parcel Select Lightweight"1988-17,"FedEx Ground Economy Bound Printed Matter"1988-18,"FedEx Ground Economy Media"1988-19,"FedEx Ground Economy Parcel Select"1988-20,"FedEx Ground Economy Returns"1988-21,"FedEx Freight Priority"1988-22,"FedEx Freight Economy"1988-23,"FedEx Home Delivery"1988-24,"FedEx Ground"1989,"01"1993,"D"1993-2,"D"1993-3,"D"1993-4,"D"1993-5,"D"1993-6,"D"1993-7,"D"1993-8,"D"1993-9,"D"1993-10,"D"1993-11,"D"1993-12,"D"1993-13,"D"1993-14,"D"1993-15,"D"1993-16,"D"1993-17,"D"1993-18,"D"1993-19,"D"1993-20,"D"1993-21,"D"1993-22,"D"1993-23,"D"1993-24,"D"1997,"1"1997-2,"1"1997-3,"1"1997-4,"1"1997-5,"1"1997-6,"1"1997-7,"1"1997-8,"1"1997-9,"1"1997-10,"1"1997-11,"1"1997-12,"1"1997-13,"1"1997-14,"1"1997-15,"1"1997-16,"2"1997-17,"2"1997-18,"2"1997-19,"2"1997-20,"2"1997-21,"1"1997-22,"1"1997-23,"1"1997-24,"1"99,""
Value 2 – Special Service/Accessorial Type	
0,"050"1,"US Dom"9,"10314XXX9"17,"330218320"50,"US"117,"US"4	0,"150"1,"US Dom"9,"103141529"10,"31411XXX6"17,"330218320"50,"US"117,"US"498,"41XXX7"1989,"02"1990,"FedEx Collect on Delivery

98,"41XXX7"1989,"02"99,""	(C.O.D.)"1990-2,"Accessible Dangerous Goods"1990-3,"Inaccessible Dangerous Goods"1990-4,"Dry Ice"1990-5,"Alcohol"1990-6,"Residential Delivery"1990-7,"Saturday Pick Up"1990-8,"Hold at Location"1990-9,"Priority Alert"1990-10,"Adult Signature Required"1990-11,"Direct Signature Required"1990-12,"Indirect Signature Required"1990-13,"Deliver Without Signature"1990-14,"Pharmacy Delivery"1990-15,"Priority Alert Plus"1990-16,"Returns"1990-17,"Drop Off"1990-18,"Saturday Delivery"1990-19,"Lithium Batteries/Cells"1990-20,"Inside Pick-up"1990-21,"Inside Delivery"1990-22,"Freight To Collect"1990-23,"Collect On Delivery (COD)"1990-24,"Delivery Confirmation"1990-25,"Call Before Delivery"1990-26,"Freezable Protection"1990-27,"Limited Access Pickup"1990-28,"Limited Access Delivery"1990-29,"Guaranteed Plus"1990-30,"Poison"1990-31,"Residential Pickup"1990-32,"Food"1990-33,"Do Not Stack Pallets"1990-34,"Do Not Break Down Pallet"1990-35,"Top Load Only"1990-36,"Oversize/Extreme Length"1990-37,"Liftgate at Delivery"1990-38,"Liftgate at Pickup"1990-39,"Inside Pickup"1990-40,"FedEx Date Certain Home Delivery"1990-41,"FedEx Appointment Home Delivery"1990-42,"FedEx Evening Home Delivery"1990-43,"FedEx Ground C.O.D."1990-44,"FedEx Ground E-C.O.D."1990-45,"Hazardous Materials"1993,"D"1993-2,"D"1993-3,"D"1993-4,"D"1993-5,"D"1993-6,"D"1993-7,"D"1993-8,"D"1993-9,"D"1993-10,"D"1993-11,"D"1993-12,"D"1993-13,"D"1993-14,"D"1993-15,"D"1993-16,"D"1993-17,"D"1993-18,"D"1993-19,"D"1993-20,"D"1993-21,"D"1993-22,"D"1993-23,"D"1993-24,"D"1993-25,"D"1993-26,"D"1993-27,"D"1993-28,"D"1993-29,"D"1993-30,"D"1993-31,"D"1993-32,"D"1993-33,"D"1993-34,"D"1993-35,"D"1993-36,"D"1993-37,"D"1993-38,"D"1993-39,"D"1993-40,"D"1993-41,"D"1993-42,"D"1993-43,"D"1993-44,"D"1993-45,"D"1997,"1000"1997-2,"1000"1997-3,"1000"1997-4,"1100"1997-5,"1100"1997-6,"1111"1997-7,"1000"1997-8,"1100"1997-9,"1000"1997-10,"1100"1997-11,"1100"1997-12,"1100"1997-13,"1100"1997-14,"1100"1997-15,"1000"1997-16,"1120"1997-17,"1000"1997-18,"1000"1997-19,"1000"1997-20,"1000"1997-21,"1001"1997-22,"1000"1997-23,"0010"1997-24,"0010"1997-25,"0001"1997-26,"0001"1997-27,"0001"1997-28,"0001"1997-29,"0001"1997-30,"0001"1997-31,"0001"1997-32,"0001"1997-33,"0001"1997-34,"0001"1997-35,"0001"1997-36,"0001"1997-37,"0001"1997-38,"0001"1997-39,"0001"1997-40,"0100"1997-41,"0100"1997-42,"0100"1997-43,"0100"1997-44,"0100"1997-45,"0200"99,""
Value 3 – Service and Packaging Type	
0,"050"1,"US Dom"9,"10314XXX9"17,"330218320"50,"US"117,"US"498,"41XXX7"1989,"03"99,""	0,"150"1,"US Dom"9,"103141529"10,"314114566"17,"330218320"50,"US"117,"US"498,"413037"1274,"01"1274-2,"1"1274-3,"20"1274-4,"03"1274-5,"3"1274-6,"05"1274-7,"5"1274-8,"06"1274-9,"6"1274-10,"70"1274-11,"80"1274-12,"83"1274-13,"39"1274-14,"49"1274-15,"0"1274-16,"SL"1274-17,"SB"1274-18,"SM"1274-19,"SP"1274-20,"SR"1274-21,"112"1274-22,"113"1274-23,"90"1274-24,"92"1987,"Priority Overnight"1987-2,"Priority Overnight"1987-3,"Express Saver"1987-4,"2Day"1987-5,"2Day"1987-6,"Standard Overnight®1987-7,"Standard Overnight"1987-8,"First Overnight"1987-9,"First Overnight"1987-

	10,"1Day Freight"1987-11,"2Day Freight"1987-12,"3Day Freight"1987-13,"First Overnight Freight"1987-14,"2Day AM"1987-15,"Priority Overnight"1987-16,"Standard A"1987-17,"Standard B"1987-18,"Standard B Media Mail"1987-19,"Standard B Parcel Post"1987-20,"FedEx Ground Economy Returns"1987-21,"LTL Freight"1987-22,"LTL Freight"1987-23,"Home Delivery"1987-24,"FedEx Ground"1988,"FedEx Priority Overnight"1988-2,"FedEx Priority Overnight"1988-3,"FedEx Express Saver"1988-4,"FedEx 2Day"1988-5,"FedEx 2Day"1988-6,"FedEx Standard Overnight"1988-7,"FedEx Standard Overnight"1988-8,"FedEx First Overnight"1988-9,"FedEx First Overnight"1988-10,"FedEx 1Day Freight"1988-11,"FedEx 2Day Freight"1988-12,"FedEx 3Day Freight"1988-13,"FedEx First Overnight Freight"1988-14,"FedEx 2Day A.M."1988-15,"FedEx Priority Overnight"1988-16,"FedEx Ground Economy Parcel Select Lightweight"1988-17,"FedEx Ground Economy Bound Printed Matter"1988-18,"FedEx Ground Economy Media"1988-19,"FedEx Ground Economy Parcel Select"1988-20,"FedEx Ground Economy Returns"1988-21,"FedEx Freight Priority"1988-22,"FedEx Freight Economy"1988-23,"FedEx Home Delivery"1988-24,"FedEx Ground"1989,"03"1991,"Customer Packaging"1991-2,"FedEx Pak"1991-3,"FedEx Box"1991-4,"FedEx Tube"1991-5,"FedEx Envelope"1993,"D"1993-2,"D"1993-3,"D"1993-4,"D"1993-5,"D"1993-6,"D"1993-7,"D"1993-8,"D"1993-9,"D"1993-10,"D"1993-11,"D"1993-12,"D"1993-13,"D"1993-14,"D"1993-15,"D"1993-16,"D"1993-17,"D"1993-18,"D"1993-19,"D"1993-20,"D"1993-21,"D"1993-22,"D"1993-23,"D"1993-24,"D"1997,"1"1997-2,"1"1997-3,"1"1997-4,"1"1997-5,"1"1997-6,"1"1997-7,"1"1997-8,"1"1997-9,"1"1997-10,"1"1997-11,"1"1997-12,"1"1997-13,"1"1997-14,"1"1997-15,"1"1997-16,"2"1997-17,"2"1997-18,"2"1997-19,"2"1997-20,"2"1997-21,"1"1997-22,"1"1997-23,"1"1997-24,"1"99,""
Value 4 - Versioning	
0,"050"1,"US Dom"9,"10314XXX9"17,"330218320"50,"US"117,"US"498,"41XXX7"1989,"04"99,""	0,"150"1,"US Dom"497,"41XXX7"1000,"20.0.8"1000-2,"20.0.8"1000-3,"20.0.8"1000-4,"20.0.8"1000-5,"20.0.8"1989,"04"3128,"Feb 1 2024"3128-2,"Feb 1 2024"3128-3,"Feb 1 2024"3128-4,"Feb 1 2024"3128-5,"Feb 1 2024"3129,"FedEx Ship Manager Service"3129-2,"FedEx Broadcast Service"3129-3,"FedEx Communication"3129-4,"FedEx Server Manager Service"3129-5,"FedEx Openship Service"99,""
Value 5 – Available Software Updates	
0,"050"1,"US Dom"9,"10314XXX9"17,"330218320"50,"US"117,"US"498,"41XXX7"1989,"05"99,""	0,"150"1,"US Dom"2,"2617"3,"There are no software update components available for implementation at the present time."497,"41XXX7"1989,"05"99,""
Value 6 – Update Software now	
0,"050"1,"US Dom"9,"10314XXX9"17,"330218320"50,"US"117,"US"498,"41XXX7"1989,"06"99,""	0,"150"1,"US Dom"2,"2617"3,"There are no software update components available for implementation at the present time."497,"41XXX7"1989,"06"99,""
Value 7 – Future Day Query	
0,"050"1,"US Dom"9,"10314XXX9"17,"330218320"50,"US"117,"US"4	0,"150"1,"US Dom"24,"20230101"1989,"07"99,""

98,"41XXX7"1989,"07"99,""	
Value 8 - Use existing legacy behavior, Value 9 -Return only a tracking number, Value 10 – Return a tracking number and Form Id	
0,"050"1,"US Dom"9,"10314XXX9"17,"330218320"50,"US"117,"US"498,"41XXX7" 1989,"08" 99,""	0,"150"1,"US Dom"9,"103141529"10,"31411XXX6"17,"330218320"50,"US"117,"US"498,"41XXX7"1274,"01"1274-2,"03"1274-3,"05"1274-4,"06"1274-5,"20"1274-6,"39"1274-7,"49"1274-8,"70"1274-9,"80"1274-10,"83"1274-11,"90"1274-12,"92"1274-13,"113"1274-14,"112"1274-15,"SL"1274-16,"SP"1274-17,"SR"1987,"FedEx Priority Overnight"1987-2,"FedEx 2Day"1987-3,"FedEx Standard Overnight"1987-4,"FedEx First Overnight"1987-5,"FedEx Express Saver"1987-6,"FedEx First Overnight Freight"1987-7,"FedEx 2Day AM"1987-8,"FedEx 1Day Freight"1987-9,"FedEx 2Day Freight"1987-10,"FedEx 3Day Freight"1987-11,"Home Delivery"1987-12,"FedEx Ground"1987-13,"Freight Economy"1987-14,"Freight Priority"1987-15,"FedEx Ground Economy"1987-16,"FedEx Ground Economy"1987-17,"FedEx Ground Economy Returns"1988,"FedEx Priority Overnight"1988-2,"FedEx 2Day"1988-3,"FedEx Standard Overnight"1988-4,"FedEx First Overnight"1988-5,"FedEx Express Saver"1988-6,"FedEx First Overnight Freight"1988-7,"FedEx 2Day AM"1988-8,"FedEx 1Day Freight"1988-9,"FedEx 2Day Freight"1988-10,"FedEx 3Day Freight"1988-11,"FedEx Home Delivery"1988-12,"FedEx Ground"1988-13,"FedEx Freight Economy"1988-14,"FedEx Freight Priority"1988-15,"FedEx Ground Economy"1988-16,"FedEx Ground Economy"1988-17,"FedEx Ground Economy Returns"**1989,"01**"1993,"D"1993-2,"D"1993-3,"D"1993-4,"D"1993-5,"D"1993-6,"D"1993-7,"D"1993-8,"D"1993-9,"D"1993-10,"D"1993-11,"D"1993-12,"D"1993-13,"B"1993-14,"B"1993-15,"D"1993-16,"D"1993-17,"D"1997,"1"1997-2,"1"1997-3,"1"1997-4,"1"1997-5,"1"1997-6,"1"1997-7,"1"1997-8,"1"1997-9,"1"1997-10,"1"1997-11,"1"1997-12,"1"1997-13,"1"1997-14,"1"1997-15,"1"1997-16,"1"1997-17,"1"7654,"1"7654-2,"2"7654-3,"1"7654-4,"1"7654-5,"3"7654-6,"1"7654-7,"2"7654-8,"1"7654-9,"2"7654-10,"3"7654-11,"5"7654-12,"5"7654-13,"0"7654-14,"2"7654-15,"7"7654-16,"7"7654-17,"7"7655,"10:30"7655-2,"16:30"7655-3,"15:00"7655-4,"08:00"7655-5,"16:30"7655-6,"10:30"7655-7,"10:30"7655-8,"12:00"7655-9,"12:00"7655-10,"15:00"7655-11,"20:00"7655-12,"19:00"7655-15,"16:30"7655-16,"16:30"99,""

2.4.14 050/150 Versioning Request/Reply

Use the 050/150 Versioning Request/Reply transaction to perform these tasks:

- Return FSMS software version for your implementation, such as FSMS0840, including number, FSMS build date, Common Rating Service (CRS) version number and Common Label Service (CLS) version number.

- Return service types and special services information.

- Check for software updates. For example, if your software version is FSMS0840 and delta is available to upgrade to FSMS1401, then this information is returned in the reply.

Example 2-19

0,"050"1,"Step 00001-01"4,"Company"5,"PSDT TEST LAB"6,"A1 AREA"11,"FEDEX CORPORATION"12, "TESTER"13,"CSCS TEST LAB"14,"PM AREA"15,"California"16,"CA"17,"90034"18,"8501117777"25,"Step 00001-01"32,"SEETHA"38,"FIE"50,"US"117,"US"183,"9012631111"1145,"CSCS"1273,"01"1274, "01"1989,"01"99,""

0, "150"1, "Step 00001-01"9, "94404"10, "XXXXXXXX"17, "90034"50, "US"117, "US"498, "XXXXXX"1274, "01"1987, "Priority Overnight"1988, "FedEx Priority Overnight"1989, "01"1993, "D"1997, "1"99, ""

2.4.15 057/157 Demand Download Request/Reply

The 057/157 Demand Download Request/Reply transactions perform the same functions as the FSMS Demand Download Utility. Use Field 1053 (Download Flag) to specify the type of data you want to download. FedEx provides updates, if available, for any selected flag. You can also perform a demand upload by including Field 2423 (Upload Flag).

The Demand Download Utility is described in <u>Chapter 19: FedEx Ship Manager® Server Utilities.</u>

Example 2-20

0,"057"1,"Demand Download Request"10,"XXXXXXXX"498,"XXXXXX"1053,"YNNNNNNNNNNNNNNNNNNNNNNNNNN"99,""

0,"157"1,"Demand Download Request"497,"XXXXXXXX"498,"XXXXXXXX"1155,"S000000000000000000000000"1201,""1590,"" 99,""

2.4.16 060/160 Freight Create Bill of Lading Request/Reply

The 060/160 Freight Create BOL Request/Reply Transaction can create a Freight BOL, a freight shipping label, support a PRO number (tracking number), schedule a pickup, and rate freight shipments.

Example 2-21

0, "060"1, "Domestic FXF US - US No Guarantee Shipper Prepaid"4, "CLARIDGE PROD & EQUIP-OUTBOUND"5, "601 HIGHWAY 62 65 S"7, "HARRISON"8, "AR"9, "72601"11, "Humming Birds Feeder"12, "Sally Jones"13, "DENTON"15, "EVERETT"16, "WA"17,"98203"18, "9403808200"23, "1"25, "Juice"32, "SUSAN MOORE"50, "US"57, "1"57-2, "1"58, "1"58-2, "1"59, "1"59-2, "1"75, "I"77, "100"79,"Juice"79-2, "Juice"116, "2"117, "US"187, "199"414, "IN"1145, "FXRS"1201, "TEST email@ email.com"1202, "TEST email @email.com"1203, "I am home"1204, "TEST email @ email.com"1204-2, "TEST email @ email.com"1204-3, "TEST email @email.com"1206, "Y"1206-2, "Y"1206-3, "Y"1273, "01"1274, "112"1551, "Y"1551-2, "Y"1551-3, "Y"1552, "en"1552-2, "en"1552 3, "en"1553,"Y"1554, "Y"1555, "es"1556, "Y"1557, "Y"1558, "es"1559, "Y"1560, "Y"1561, "es"1670, "15000"1670-2, "15000"1960, "Y"1960-2, "Y"19603,"Y"1961, "Y"1962, "Y"1963, "Y"1964, "H"1964-2, "H"1964 3, "H"1965, "H"1966, "H"1967, "H"1968, "ES"1968-2, "ES"1968-3, "ES"1969,"ES"1970, "ES"1971, "ES"2407, "125"2931, "1"2931-2, "1"3056, "123456"3056-2, "123456"4574, ""4683, "4656987"4683-2,

"4656987"6105, "70.0"61052, "70.0"6107, "1"6116, "1"6128, "US"6129, "CLARIDGE PROD & EQUIP-OUTBOUND"6131, "601 HIGHWAY 62 65 S"6132, "HARRISON"6133, "AR"6134, "72602"6135, "870-7432200"6136, "3124"6137, "TEST email @email.com"6139, "00265506"6142, "4"6152, "1"6166, "12"6166-2, "12"6167, "2"99, ""

0, "160"1, "Domestic FXF US - US No Guaran"4, ""10, "610366546"29 , "1957261272"34, "74046"35, "4840"36, "45909"37, "32977"60,"150"112, "300"116, "2"188, ""193, "28137"498, "XXXXXX"560,

"PAYOR_ACCOUNT_SHIPMENT"1011, ""1090, "USD"1222,"1957261272"1273, "01"1274, "112"1525, "45909"1670, ""3025, "FXFR"4683, ""6105, ""6107, ""6111, "0"6116, ""6128, ""6129, ""6130,""6131, ""6132, ""6133, ""6134, ""6139, ""6142, ""6166, ""6167, ""6168, ""6169, ""6170, ""6171, ""6175, ""6176, ""6177, ""6178, ""6180, ""6181,""6182, ""6183, ""6184, ""6185, ""6191, ""6193, ""6194, ""6195, ""6196, ""6197, ""6204, "1100427646"6205, ""6206, ""6207, "1720"6217,"FUEL"6218, "48.4"99, ""

2.4.17 070/170 Meter Query Request/Reply

Use this transaction to determine all the meter numbers on your FSMS server for a given account number or determine the sender information for a given meter.

You can also use this transaction to configure a meter, rather than using the FSMS Configuration Utility. Refer the FedEx Ship Manager® Installation and Configuration Guide.

The following business rules apply to the meter configuration function:

- The new configuration transaction does not allow adding or deleting a meter.

- Each meter must send a separate 070 Meter Query Request transaction for configuration. For example, if you have one parent meter and three child meters, then four separate 070 transactions must be entered to make configuration changes for all meters.

The following fields from the FSMS Configuration Utility can be configured using the 070 transaction:

- All fields on the Doc-tab screen

- FedEx Express DG Printer ID

- FedEx Express DG Printer Form Type

- FedEx Ground HazMat Printer ID

- FedEx Express/FedEx Ground Commercial Invoice

- FedEx Ground Hazardous Materials Certification

- Client Name or Client Version

- Middleware Name

- Middleware Version

- Time Zone

- Late Drop-Off

- Sender Email ID

- Variable Handling fields

- Transaction Capture Option

- Transaction Log Retention Period

070/170 samples - Query Request Code (tag 556)

Request	Reply
Value 1	
0,"070"1,"Meter Info Query"10,"31411XXX6"556 ,"1"99,""	0,"170"1,"Meter Info Query"498,"4XXX37"99,""
Value 2	
0,"070"1,"Meter Info	0,"170"1,"Meter Info Query"4,"SN2000 TEST"5,"1680 RICHMOND

Query"498,"41XXX7"556,"2"99,""	AVE"7,"STATEN ISLAND"8,"NY"9,"103141529"10,"31411XXX6"32,"KATRINA CARRIGAN"117,"US"183,"90126355XXXX00"497,"41XXX7"498,"41XXX7"561,"N"562,"0"563,"0"564,"0"565,"0"566,"1"567,"N"569,"0000"595,"0300"596,"Y"597,"Y"598,"21"599,"0400"617,"8083"622,"2000"629,"N"638,"N"639,"001"639-2,"002"639-3,"003"639-4,"004"639-5,"005"639-6,"006"640,"N"640-2,"Y"640-3,"Y"640-4,"Y"640-5,"Y"640-6,"Y"642,"N"674,"+"675,"+"676,"+"689,"..\EXPORT1.TXT"689-2,"..\EXPORT2.TXT"689-3,"..\EXPORT3.TXT"689-4,"..\EXPORT4.TXT"689-5,"..\EXPORT5.TXT"689-6,"..\EXPORT6.TXT"720,"Y"721,"7"722,"Y"723,"7"725,"7"726,"2048"727,"N"730,"N"732,"N"733,"N"736,"N"740,"N"741,"0000"1023,"India Standard Time"1084,"LLYA"1209,"N"1311,"0"1312,"0"1313,"0"1331,"Y"1332,"Y"1370,"3"1374,"N"1375,"1"1379,"..\fedex_admn\BACKUP1"1379-2,"..\fedex_admn\BACKUP2"1387,"2300"1455,"N"1588,"0"1588-2,"0"1595,"0"1595-2,"0"1606,"0"1606-2,"0"1619,"EXP"1654,"B"1680,"01"1687,"B"1688,"1"2028,"N"2253,"3"2258,"60"2259,"14"2266,"RTF"2398,"0"2425,"00000"2550,"NN"2551,"5"2552,"0200"2553,"N"2554,"N"2555,"Y"2556,"N"2563,"3"2564,"N"2713,"04"2805,"N"2820,"O"2850,"NNNNNN"2850-2,"NNNNNN"3014,"N"3025,"FDXE"3025-2,"FDXG"3025-3,"FXFR"3025-4,"FXGE"3028,"524XXX6"3062,"1"3062-2,"1"3062-3,"1"3062-4,"1"3180,"N"3181,"Y"3372,"42001"5654,"N"7350,"2"7351,"100000"7705,"N"7717,"0330"7717-2,"0330"7717-3,"0330"7717-4,"0000"7718,"1"7718-2,"1"7718-3,"1"7718-4,"0"7785,"Y"9913,"0"99,""
Value 3	
0,"070"1,"Meter Info Query"498,"41XXX7"538,"HP500"556,"3"568,"C:\FedEx\FedEx_Temp"1373,"087"1688,"2"1804,"1"99,""	0,"170"1,"Meter Info Query"4,"SN2000 TEST"5,"1680 RICHMOND AVE"6,""7,"STATEN ISLAND"8,"NY"9,"103141529"10,"314114566"32,"KATRINA CARRIGAN"38,""117,"US"183,"90126355550000"498,"41XXX7"571,""595,"0300"596,"Y"597,"Y"598,"21"599,"0400"617,"8083"621,""622,"2000"629,"N"638,"N"639,"001"639-2,"002"639-3,"003"639-4,"004"639-5,"005"639-6,"006"640,"N"640-2,"Y"640-3,"Y"640-4,"Y"640-5,"Y"640-6,"Y"642,"N"689,"..\EXPORT1.TXT"689-2,"..\EXPORT2.TXT"689-3,"..\EXPORT3.TXT"689-4,"..\EXPORT4.TXT"689-5,"..\EXPORT5.TXT"689-6,"..\EXPORT6.TXT"719,""720,"Y"721,"7"722,"Y"723,"7"725,"7"726,"2048"727,"N"730,"N"732,"N"733,"N"736,"N"740,"N"741,"0000"742,""1084,"LLYA"1332,"Y"1339,""1341,""1370,"3"1375,"1"1379,"..\fedex_admn\BACKUP1"1379-2,"..\fedex_admn\BACKUP2"1387,"2300"1455,"N"1619,"EXP"1654,"B"1680,"01"1687,"B"2253,"3"2258,"60"2259,"14"2266,"RTF"2398,"0"2420,""2452,""2550,"NN"2551,"5"2552,"0200"2553,"N"2554,""2555,"Y"2556,"N"2563,"3"2713,"04"2850,"NNNNNN"2850-2,"NNNNNN"2850-3,""2850-4,""3025,"FDXE"3025-2,"FDXG"3025-3,"FXFR"3025-4,"FXGE"3028,"5247426"3181,"Y"3372,"42001"6112,""6113,""6114,""6115,""7350,"2"7351,"100000"7705,"N"7717,"0330"7717-2,"0330"7717-3,"0330"7717-4,"0000"7718,"1"7718-2,"1"7718-3,"1"7718-4,"0"7785,"Y"99,""
Value 4	
0,"070"1,"Meter Info	0,"170"1,"Meter Info Query"1355,"IPD-EZEI123"99,""

Query"498,"41XXX7"556,"4 "99,""	
Value 5	
0,"070"1,"Meter Info Query"10,"314114566"498, "41XXX7"556,"5"99,""	0,"170"1,"Meter Info Query"10,"314114566"498,"41XXX7"556,"6"99,""
Value 6	
0,"070"1,"Meter Info Query"10,"314114566"498, "41XXX7"556,"6"99,""	0,"170"1,"Meter Info Query"2,"2191"3,"The Query type is invalid."99,""
Value 7	
0,"070"1,"Meter Info Query"10,"314114566"498, "41XXX7"556,"7 "99,""	0,"170"1,"Meter Info Query"2,"2046"3,"The Database is not ready for input"99,""

2.4.18 095/195 Label Reprint Request/Reply

Use the 095/195 Label Reprint Request/Reply to reprint any previously printed label, print labels that you save to a buffer file, and which are not printed yet, and to reprint customs documents such as a commercial invoice, pro forma invoice, certification of origin or shipment detail report.

The following rules apply:

- The ability to reprint a label is available for at least 24 hours, up to a maximum of 48 hours, based on the ship date and time. For example: you ship a two-package FedEx international shipment on 07/02/05 at 16:30. You may reprint the labels from this shipment up to 22:59 on 07/03/05. The time frame in this example is 34 hours and 30 minutes.

- Future Day shipments may be reprinted based on the create date and not the actual ship date. Therefore, if you ship a multiple-piece shipment (MPS) on 07/02/05 at 16:30 with a ship date of 07/10/05, you still have until 07/03/05 at 22:59 to reprint the label.

Example 2-22

0, "095"1, "Label Reprint"29, "449690373662"537, "\\FedEx_133\FedEx Ship Manager® Server"99, ""

0,"195"1,"Label Reprint"29,"629950702658"99,""

2.4.19 FedEx Web Services

In addition to the FedEx Ship Manager® Server (FSMS) transactions, you can use FedEx Web Services for real-time response from FedEx. You can use Web Services transactions to perform multiple Web Services functions.

You will find more information about Web Services on the Developer Resource Center at **fedex.com/us/developer**.

2.5 Basic Shipping Data for FedEx Ship Manager® Server (FSMS) transactions

For any transaction processed by FSMS, you must include basic shipping information fields.

2.5.1 Meter number

Before FedEx can accept your shipment, FSMS must verify that you are a registered FedEx customer and must check that the services you request are appropriate for the services you have contracted with FedEx. If you have multiple meters configured, you must always provide your FedEx meter number in each transaction you process, or if not provided, FSMS defaults to the parent/parent meter.

For the best system performance and backup/maintenance, FedEx recommends using no more than 50 meters on a server if possible, depending on the hardware specifications and operating system.

> *Note: Each meter should only be on one piece of hardware in order for the component files, such as tracking numbers and rates, to automatically download through the reconcile process correctly.*

2.5.2 Recipient information

Getting your package from one place to another requires that you tell FedEx who to ship the package to. This information appears in the "To:" section of the shipping label.

FedEx Ship Manager® Server creates a shipment only if you provide this information. Therefore, a basic requirement of a shipping transaction are fields that provide the Recipient name, address and phone number.

2.5.3 Sender/Shipper information

You or a FedEx technical consultant configures Shipper information during a FSMS installation. FedEx Ship Manager® Server maintains this information and you do not need to enter it into a transaction each time you create a shipment. When you enter your meter number in a transaction, FSMS correlates the meter number with your Shipper information and prints this information on the shipping label and other required documentation.

If you want to use information that is different from the configured Shipper information, you must provide the Sender name, address, and phone number in a shipping transaction in the appropriate fields.

2.5.4 Service type

The FedEx service type you select determines how a package is shipped and identifies the restrictions for such items as package size or weight and where you can ship. Be sure to research FedEx service options in the [FedEx Service Guide](#) available on **fedex.com**.

2.5.5 Package information

You may choose to ship individual packages in single transaction, or you may choose to bundle them together in a multiple-piece shipment (MPS) if they are going to the same recipient.

Regardless of the shipping method you choose, each package has required information that you must provide in a shipping transaction.

Depending on the FedEx service type you select, the service contract agreement(s) you have with FedEx and the type of package(s) you are shipping, the amount and type of information you must provide about the package(s) you ship is different. At the minimum, you may need to supply the weight of the package (or shipment weight) and the packaging type. International and cross-border

shipments require more detailed package and commodity information to properly complete customs and broker documents.

2.5.6 Payment type

FedEx Ship Manager® Server calculates the rate and returns the shipping amount in the 120 Global Ship Reply transaction. However, you must tell FSMS who to bill for the service. You can bill one of three entities:

1. Person or company sending the shipment (called the Sender)

2. Person or company receiving the shipment (called the Recipient)

3. Third-party person or company who must be identified

When the recipient or a third-party is billed, FedEx Express shipments do not return a rate.

2.5.7 Transaction identifier

Each transaction is identified by a unique number called a Customer Transaction Identifier. The person who codes the transaction creates this number and ensures that it is not reused in his transaction program. In the case of large bulk shipments or batch transaction files, including the Customer Transaction Identifier (Field 1) in the Request transaction allows you to link the Reply transaction back to the Request transaction and link all transactions used for a specific shipment. This is best practice as it makes troubleshooting these transactions much easier. For example, if you enter the identifier "SS4404" in Field 1 (1,"SS4404") in the Request transaction, FSMS returns 1,"SS4404" in the Reply transaction allowing you to see that the two transactions are related.

FedEx Ship Manager® Server does not require this field, but it is available and recommended for customer use.

2.6 FedEx Ship Manager® Server (FSMS) transactions

Building a FSMS transaction is a process that begins with collecting information about your shipment.

When you build a FSMS transaction, you provide information to FSMS that tells FedEx how to get your package shipped from you to its destination. The information must say what the package is and how you want it shipped.

FedEx determines the best route for getting it to its destination and returns the rate and tracking information you need to bill and close the shipment.

2.6.1 Key elements of information

To make the shipping operation happen, the FSMS transaction that creates the master shipment must contain three key elements of information related to the Package, Sender and Recipient.

Figure 2: Key elements of transaction information
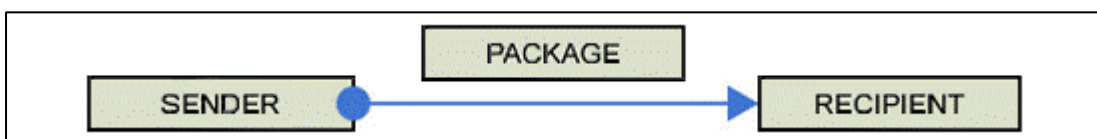
The Sender and Recipient information must include contact information and address locations that tell

a FedEx courier where to pick up the package and where to deliver it. The Package information must inform FedEx of the physical characteristics of the item to be shipped so that FedEx knows whether it is a freight shipment or overnight delivery of a legal document.

As the Sender, it is your responsibility to provide FedEx with this information and to fulfill all legal, intra-country and international requirements or regulations that may be related to your Package. There is a FSMS transaction field for each of these.

When you provide your FedEx meter number in a transaction, you tell FedEx who you are (as Sender) and where the package will originate that is, if you are shipping it from your registered place of business.

> *Note: This information is configured as part of your FSMS installation. FedEx Ship Manager® Server transactions automatically use the defaults for the Sender information configured in the FSMS Configuration Utility. If you are shipping from a location that is different, you must include the Sender address in the transaction.*

If you are shipping from a location that is different from your place of business, you must include the Sender address in the transaction.

2.6.2 Grouped field data for key elements

This figure shows some of the fields you might include to construct a basic FedEx Ship Manager® Server (FSMS) transaction based on information required for SENDER, PACKAGE and RECIPIENT. Required or conditionally required fields are shown in bold.

Figure 3: Field information for key elements
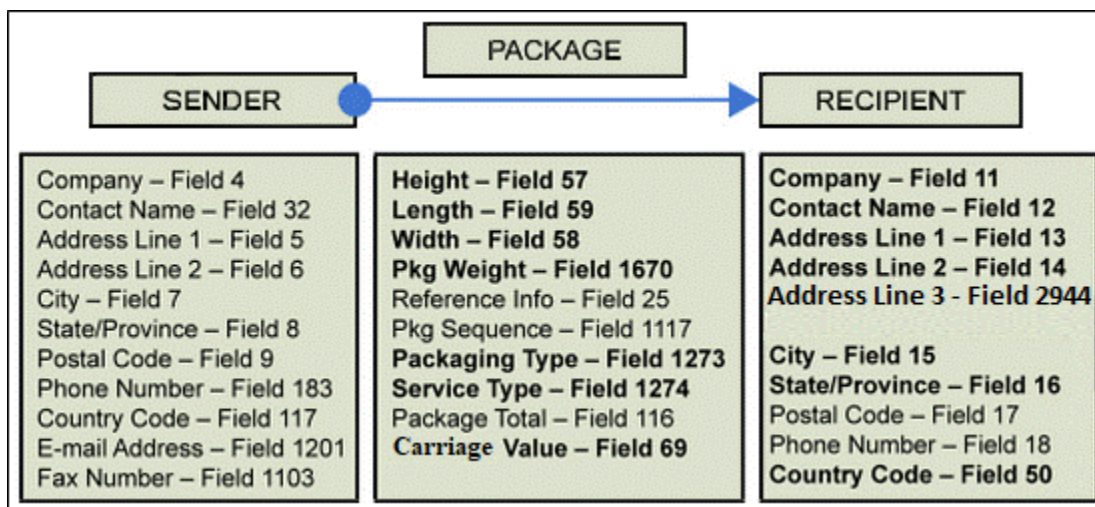
If you are sending multiple packages and must account for total weight of the shipment, then you must include the package weight in field 1670 for each package you send, as separate occurrences of the field. Recipient information is a requirement of all shipping request transactions. At a minimum, you must identify the company name, contact name and country code.

2.6.3 Shipment and service information

There is additional information, shown in Shipment Plus Field Information for Key Elements, you must provide related to the Shipment itself. Each FSMS transaction must also identify the specific FedEx service you have selected to use to ship your Package, such as FedEx Standard Overnight® or International Priority®, and other special service options, such as whether to require a Delivery

Signature or to send the package as Collect on Delivery. If you have decided to use the Openship method to build a shipment of multiple packages over some shipping period, then you must tell FedEx that you will be confirming packages which belong to a larger master shipment over the course of your shipping day.

In addition, you may want to consider printing extra information on your FedEx shipping label or print reports for invoicing or company records. All these activities occur only when you send the appropriate field data in a shipping transaction.

Figure 4: Shipment plus field information for key elements
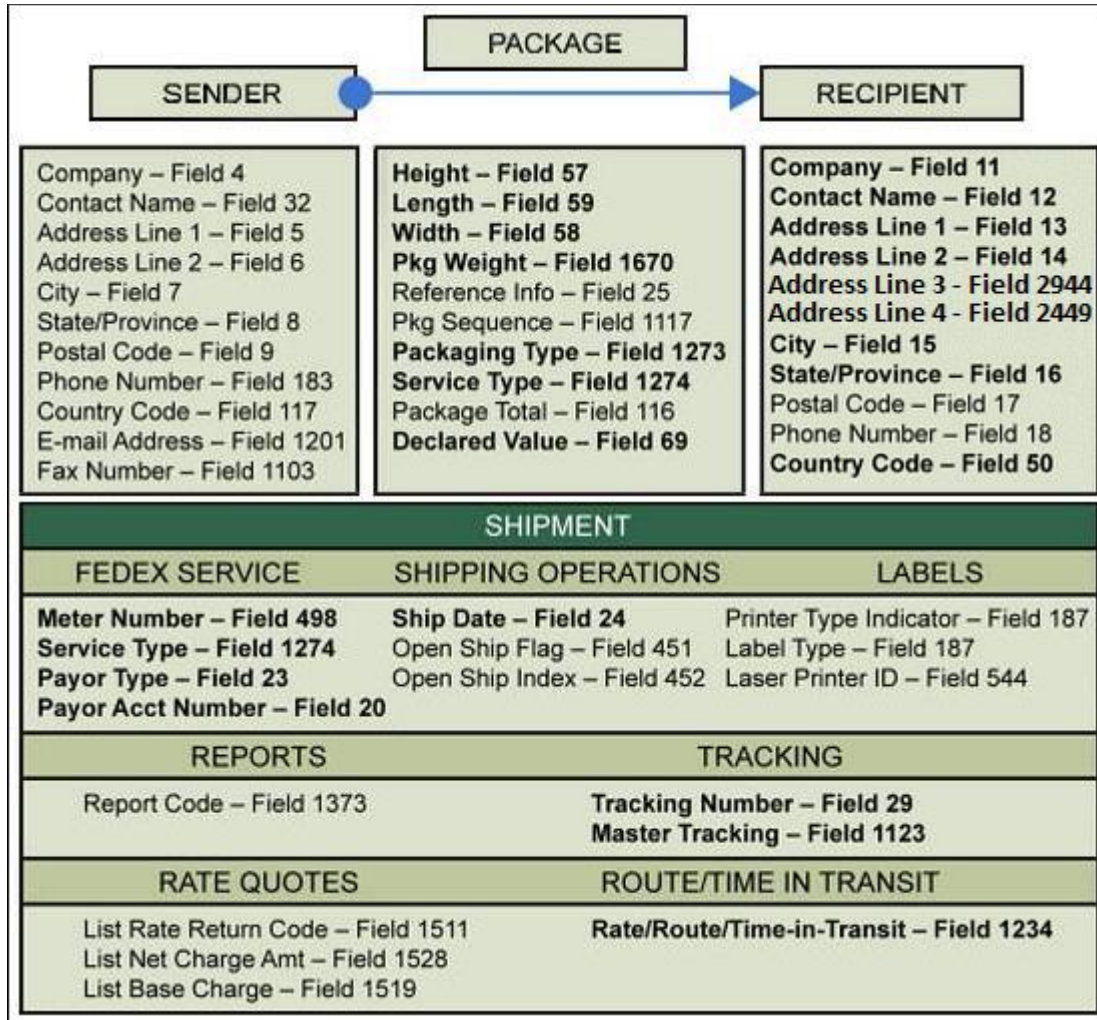
2.6.4 Select the transaction action

Each field you choose must be specific to the final shipping action you want to create. When you use the FedEx Express, FedEx Ground or FedEx Ground® Economy services, the Request transaction you send to FedEx initiates the FedEx operations that deliver the FedEx shipping services you selected.

FedEx Ship Manager® Server provides different types of transactions for different shipment-related tasks. We have used the 020 Global Ship Request transaction as an example, but there are other transactions which register new child meters, query shipping databases, track shipments locally and globally, delete shipments and return FSMS software information.

To properly construct a FSMS transaction, you must understand what you want to accomplish and how, whether that is shipping packages or collecting a day's worth of data for reports. Each FSMS-

related task requires a specific array of fields that you code within the appropriate transaction type for that task.

You find information in this Developer Guide to assist you in determining which fields to use for which tasks. Also use the FedEx Ship Manager® Server Transaction Coding Reference Guide to find specific information about specific fields you want to include in a transaction. Fields are listed by transaction type, field ID and field name in that guide.

2.6.5 Transaction string elements

Transaction records are null-terminated strings that do not contain carriage returns or line feeds. Each FSMS transaction record consists of the elements shown in this figure.

Figure 5: Transaction string elements

BEGIN Field 0,"*\<request_transaction_id\>*"	DATA_FieldA *\<field_id\>,"\<field_value\>*"	DATA_FieldB *\<field_id\>,"\<field_value\>*"	DATA_FieldX *\<field_id\>,"\<field_value\>*"	END Field 99,""

Begin and end fields

Each transaction has a "BEGIN" field and an "END" field. These two fields tell FSMS where the transaction begins and where it ends.

- BEGIN = Transaction Code Field

- The first field of any transaction is Field 0 (Transaction Code). Start all Request transactions, such as the 020 Global Ship Request, with the following: 0,"<request_transaction_id>"

- END = End of Record Indicator

- The last field of any transaction is Field 99 (End of Record Indicator). End all transactions with the following: 99,""

Do not use spaces or extra characters between the quotation marks in the 99,"" code.

> *Note: When FSMS returns the Reply transaction, the Field 0 (Transaction Code) value is the Reply transaction ID. For example, if you send a 020 Global Ship Request transaction, FedEx Ship Manager® Server returns a transaction that begins with 0,"120" to indicate it is a 120 Global Ship Reply transaction.*

Data fields

Between the BEGIN and END fields are the DATA fields. Each DATA field consists of a field/value pair separated by a comma. Each field/value pair consists of the following information:

- Field number—one for each piece of data received or sent in a transaction.

- Field value—value associated with the field ID and enclosed in double quotation marks ("")

For example, if you are coding data Field 15 (Recipient City) and you want to assign Memphis as the value, use the format for this field is as: 15,"Memphis".

The transaction string is made up of an array of DATA field/value pairs that contain information required for a specific transaction. Each transaction string is started by a BEGIN field and terminated by an END field.

Example of a FedEx Ship Manager® Server transaction

This is an example of a FSMS transaction statement that contains data for a shipment request of a single package using FedEx Express

Example 2-23:

0,"020"1,"Express single package"11,"ACE Bikes"13,"20 Peachtree Rd."15,"Atlanta"16,"GA"17,
"30052"18,"9012639234"23,"1"25,"CR001 Package 1"50,"US"187,"199"498,"999999999"1273,
"01"1274,"01"1670,"350"3062,"2"99,""

Table 1 lists a vertical representation of the string above that shows the DATA fields added between the BEGIN field and the END field. The DATA fields consist of a field number and field value separated by a comma. The field value is always given in double quotes ("").

Table 2: BEGIN, DATA and END field elements in example transaction

Format examples	Field elements	Description
0,"020"	BEGIN	Start of 020 Global Ship Request transaction
1,"Express single package"	DATA	Field 1 Customer Transaction Identifier
11,"ACE Bikes"	DATA	Field 11 Recipient Company
13,"20 Peachtree Rd."	DATA	Field 13 Recipient Address Line 1
15,"Atlanta"	DATA	Field 15 Recipient City
16,"GA"	DATA	Field 16 Recipient State/Province
17,"30052"	DATA	Field 17 Recipient Postal Code
18,"9012639234"	DATA	Field 18 Recipient Phone Number
23,"1"	DATA	Field 23 Pay Type 1= Bill Sender
25,"CR001 Package 1"	DATA	Field 25 Reference Information
50,"US"	DATA	Field 50 Recipient Country
187,"199"	DATA	Field 187 Label Format Value/Printer Type Indicator 199 = Eltron LP2348/LP2443 4"x 6" doc-tab
498,"999999999"	DATA	Field 498 Meter Number
1273,"01"	DATA	Field 1273 Packaging Type 01 = Customer Packaging
1274,"01"	DATA	Field 1274 Service Type 01 = FedEx Express Priority Overnight®
1670,"350"	DATA	Field 1670 Fractional Package Weight *Note: Value accepts two implied decimal places, therefore 350 means 3.5 pounds.*
3062,"2"	DATA	Field 3062 Rate Quote Type 2 = Standard List Rates and

Format examples	Field elements	Description
		Account Specific Rates
99,""	END	Ends the 020 Global Ship Request transaction

The DATA fields inserted in this example transaction string are specific to the request by the shipper (identified by Field 498) to send a package (identified by Field 25) to a recipient (identified by company name and address) using a FedEx service (identified in Field 1274). The transaction also requests the return of a rate quote for the shipment (identified in Field 3062).

Beginning a transaction string

Each transaction begins with the field 0 (Transaction Code). This "BEGIN" field tells FSMS where to start looking for the data it needs to perform your shipping request.

Field 0 must contain a value that indicates the specific Request transaction to perform. The field always appears at the beginning of a transaction string with one of the following values:

- 004 or 04 or 4 — 004 Tracking Number Request: 0,"004"
- 007 or 07 or 7 — 007 End-of-Day Close Request: 0,"007"
- 017 or 17 — 017 Reference Confirmation Request: 0, "017"
- 020 or 20 — 020 Global Ship Request: 0,"020"
- 023 or 23 — 023 Global Delete Request: 0,"023"
- 024 or 24 — 024 Shipment Query Request: 0,"024"
- 025 or 25 — 025 Rate Available Services Request: 0,"025"
- 033 or 33 — 033 Delete Email Label Request: 0,"033"
- 035 or 35 — 035 Child Meter Registration Request: 0,"035"
- 037 or 37 — 037 Email Label Request: 0,"037"
- 050 or 50 — 050 Versioning or Service Types and Special Services Request: 0,"050"
- 057 or 57 — 057 Demand Download Request: 0,"057"
- 060 or 60 — 060 Freight Create BOL: 0,"060"
- 070 or 70 — 070 Meter Query Request: 0,"070"
- 095 or 95 — 095 Label Reprint Request: 0,"095"

The following table describes how to use the Transaction Code Field 0.

Table 3: Field 0 begins transaction strings

Action	Field ID	Field Name	Description transactions: All
Use…	0	Transaction code	Field level: Shipment Required **Description**

Action	Field ID	Field Name	Description transactions: All
			• Indicates the start of a transaction. • Begin each transaction string with Field 0 (Transaction Code) followed by the transaction request or reply identifier enclosed in double quotation marks. For example • 0,"023" indicates that fields which follow in the string adhere to rules for the *023 Global Delete Request* transaction. • 0,"020" or 0,"20" signifies the start of the *020 Global Ship Request* transaction.

Ending a transaction string

Each transaction ends with the Field 99 (End of Record Indicator). This "END" field tells FSMS that the transaction has sent all data required for the requested action. Field 99 does not take a value. The field always appears at the end of a transaction string with a null value, which looks like this: 99,""

Table 4: Field 99 ends transaction strings

Action	Field ID	Field Name	Description Transactions: ALL
Use…	99	End of Record Indicator	Field level: Shipment Required **Description** • Indicates the end of a transaction. • The format is 99,"" — 99 followed by a comma and two quotation marks. • All FSMS transactions must end with 99,"" • End each transaction string with Field 99 followed by a null value in double quotation marks. • For example, 99,"" indicates that this is the end of the transaction string.

2.6.6 Data fields and values

The data fields in a FSMS transaction string provide the information that FedEx requires to perform multiple shipping and operational tasks. For example, fields contain information that tells FedEx:

- Where to pick up the package or shipment unit
- Who and where to deliver it

- If there is a time-critical restriction associated with the package

- If it contains dangerous goods or hazardous materials

- If it requires an adult signature

- Who will pay for the shipping and delivery

- And more

Fields also contain important tracking, shipping invoice and rate information. You can request information from your shipping database to be placed in reports or ask to have the most recent list rates uploaded to your FSMS client. The information you request is returned by FedEx in a Reply transaction that contains data fields with the information you requested. Because all fields are identified by a number, called a Field ID, you must decipher the meaning of each field and its frequently coded value.

The FedEx Ship Manager® Server Transaction Coding Reference Guide contains a list of all FSMS fields. Appendix A lists all fields by their identification number from 0 to 9999. Appendix B lists all fields by their coded field name. To understand what a field ID means or to identify the ID number for a field you want to code, use this guide as your reference for all field-related information.

How to determine which fields in the Transaction Coding Reference you need to include in a specific transaction is described in "How to Build FedEx Ship Manager® Server Transactions".

Field/Value pairs

FedEx Ship Manager® Server relies on well-formed transaction statements consisting of field/value pairs. In a field/value pair, the field identification number (ID) is associated with a data value. A data value, also referred to as a field value, can be a number, a word or phrase of words. You can identify each FSMS field by its unique identification number, called a Field ID.

For example, Field 11 is the data field for Recipient company name. You can use Field 11 in a 020 Global Ship Request transaction to tell FedEx who to send a package to. If the company name is MacroDynamic Inc., the field/value pair would be coded as 11,"MacroDynamic Inc.".

In the above example, the field/value pair provides the data (company name) required to perform a shipping function (ship package to recipient). But field/value pairs can also act as flags to enable specific FSMS functions, such as printing to a laser printer or enabling the DELETE package function in an Openship shipment workflow.

It can also flag FedEx service options, such as Collect on Delivery or dangerous goods. For example, in the Saturday Pickup Flag field (1646), the data value is either Y (Yes) or N (No) to indicate selection of the Saturday Pickup service option.

Refer section <u>2.6.5 Transaction String Elements</u> to learn how field/value pairs are used to create transactions.

Field data types

An FSMS transaction field allows only the following data types:

- Alpha—(A) allows alphabetic characters only, such as Y.

- Numeric—(N) allows numeric characters only, such as 1234.

- Alphanumeric—(A/N) allows both alphabetic and numeric characters, such as a street address: 102 Tempe Road. Alphanumeric fields accept letters, numbers, blank spaces, and some special characters.

- Any Keyboard Entry—(AKE) allows all alphabetic and numeric characters including special characters.

The following special characters cannot be included in a transaction: double quotation marks ("), single quotation marks/apostrophes ('), carets (^), ampersands (&), greater than (>), less than (<), and ASCII control characters. Make sure your data does not include these characters prior to sending transactions to FSMS.

As you code transactions, make sure each field value you enter is correct for the field's data type.

Each field's data type is described in the FedEx Ship Manager® Server Transaction Coding Reference Guide in the Data type column of each field table.

Field types and value formats

Specific editing rules apply to each of the following field types:

Date fields

Date fields must be eight digits in length, with all zeros included, in CCYYMMDD format. For example, code March 1, 2005 as follows: "20050301".

Numeric fields

Numeric fields must not contain commas, decimal points, blanks, or other non-numeric characters unless specifically stated in the field description. Field lengths display in the FedEx Ship Manager® Server Transaction Coding Reference Guide as the total number of characters in the field plus any implied decimal places (described in the following paragraph). For example, Field 119 (Total Customs Value) specifies a field length of 11.2: The 11 specifies that the total field length is 11 numeric characters and 2 specifies that the last two numbers are interpreted as the decimal value.

Some fields are fractional fields that allow entries in decimal format. The format can be in either implicit decimals or explicit decimals. An example of an implicit decimal would be "500" for 5 USD when the field has two implicit decimals. The explicit decimal format displays the actual decimal, such as "256.5" for 256-1/2, when the field length specifies one explicit decimal.

For example, if the value of Field 119 (Total Customs Value) is 125,000 USD, the recommended coding is as: 119,"12500000".

The field can also be coded with leading zeros as: 119,"00012500000".

The leading zeros are disregarded by the server, but they do slow down processing.

You only need to include significant digits. Do not add leading zeroes to the beginning of a numeric field data value unless the field's data definition specifically requires you to do so.

> **Note**: Spaces are not allowed.

The following example shows a field with a maximum length of 6.2 coded as: "123456".

It is interpreted as: 1234.56.

The following example shows a field with a maximum length of 6.0 or 6 coded as: "123456".

It is interpreted as: 123456.

Postal codes

Postal codes can consist of 5, 6, or 10 alphanumeric characters, depending on the destination country, with no special characters. For example, you must code L5N-5R6 as follows: "L5N5R6".

The following example shows postal code 38115-1096 coded correctly as: "381151096".

Note: *All postal codes for postal aware countries are validated by FSMS prior to shipment confirmation. If the postal code is invalid, FSMS returns an error message.*

Weights

Field 1670 (Weight) specifies two implied decimals on all shipments regardless of whether the weight type entered in Field 75 (Weight Units) is LBS or KGS. You can code both 25 pounds and 25 kilograms as: "2500".

The system rounds any fractional value up to the next highest whole pound or half kilogram. For example, 25.5 pounds is coded as: "2550", and is rounded up to 26 pounds.

In another example, 12.4 kilograms is coded as: "1240", and is rounded up to 12.5 kilograms.

Printer id fields

Printer Field 537 (Thermal Printer Identifier) and 545 (Form Printer ID) cannot contain blank spaces. However, underscores are allowed. For example, the following printer ID entry is coded correctly:

537,"FedEx_162\FedEx Ship Manager® Server"

Rules for coding field/value pairs

Follow these rules when coding field/value pairs in a FSMS transaction:

- Left Justification within double quotation marks: Field values must be left justified within double quotation marks. Do not include leading or trailing spaces.

- Use double quotation marks: You can use two accent marks (``) to give the appearance of a double quotation mark, as: 12    ,"Robert ``Bob`` Shipper" In another example, an entry with an apostrophe is incorrect, such as: 12,"Robert O'Brien". You can use a single accent mark (`) to give the appearance of an apostrophe, such as: 12,"Robert O`Brien".

- No spaces between fields: Spaces between fields are not allowed. For example, you can format Field 12 (Recipient Contact Name) with a space inside the quotation marks as: 12,"Bob Shipper". However, if you add Field 13 (Recipient Address Line 1) to the transaction string, you cannot put any spaces between the end of Field 12 and the beginning of Field 13. This example shows the correct syntax: 12,"Bob Shipper"13,"1 Shipper Road".

Required and optional fields

To code a well-formed FSMS transaction, you must include all fields that are required to complete the logic for that transaction. You may, in addition to these required fields, include optional fields, such as delivery instructions or reference label information, which may provide information that is important to you. If an optional field is removed, a transaction will still be processed successfully. If a required field is missing, FSMS returns an error code and message.

All required fields are clearly identified in the FedEx Ship Manager® Server Transaction Coding Reference Guide tables.

Identifying optional fields

When you see the word "Optional" in a field description, it means that you can choose to include or not include the field in the transaction. It is not required for the transaction to successfully complete.

Identifying required fields

When you see the word "**Required**"

- In a field description, it means that you must include this field in the transaction. If the field is omitted, the transaction will fail.

- With an asterisk (*), it means that the field is conditionally required for the transaction. Look for the asterisk note in the description. It will tell you under which circumstances the field is required.

Identifying defaulted fields

Certain fields have a default value that is automatically inserted in the transaction if you do not include the field: in other words, if the field is not present. These defaulted fields are similar to **Required** fields, in that their values are required for the transaction to complete. Typically, defaulted field values are pre-configured during the FSMS installation and setup. If you want to override the configured value, you must include the field in the transaction and specify a new value.

See the FedEx Ship Manager® Server Transaction Coding Reference Guide for descriptions of each field available for coding FSMS transaction. You will find the required or optional designation for a field in the Description column of each field table. Default values are also indicated where applicable in a field description.

Package and shipment level fields

When you create a single shipment that includes multiple packages, you must distinguish between shipment and package level fields when you create transaction strings.

Shipment-level field values apply to all packages in the shipment. Package-level field values apply only to a particular package.

Shipment-Level field

Shipment-level indicates that in a Multiple Piece Shipment (MPS) the value of the field applies to all packages in the shipment. Use shipment-level fields for single transaction MPS. Follow these guidelines:

- Use shipment-level fields only as a single occurrence in a single transaction that creates, confirms and ships an MPS.

- Do not repeat the field for each package in a single transaction MPS.

- Do not place a shipment level field in each ADD PIECE transaction of an Openship shipment.

Package-Level field

Package-level field indicates that, in a Multiple Piece Shipment (MPS), the field value applies only to a particular package. To apply the value to several packages, you must repeat the field for each subsequent package. Follow these guidelines:

- For single transaction multiple piece shipments, use only one occurrence of each package-level field in the transaction.

- If you want to create an Openship shipment that includes multiple packages, ensure to include the package-level fields in the CREATE transaction string.

- For any MPS Openship shipment that uses package-level fields, repeat each field for each package in the CREATE and ADD PIECE transactions.

  Note: Proper use of shipment and package level fields applies to all FedEx shipping services.

How to distinguish field level

Any field with multiple-piece shipment-level or package-level properties is identified in the FedEx Ship

Manager® Server Transaction Coding Reference Guide.

To distinguish MPS shipment-level or package-level attributes:

1. Use the field ID number or field name to find the field in a Transaction Coding Reference field table.

2. Go to the **Description** column.

If a field is required at the shipment or package level, then the first line in the Description reads **Field level:** Shipment or **Field level:** Package. If there is no attribute shown, then the field has no field-level usage rules.

2.7 Single piece versus Multiple piece transactions

Whether you include one package or multiple packages in your shipment, it changes the options you have for coding a shipping transaction.

2.7.1 Single piece

The term single piece refers to a single package or single handling unit that comprises the shipment. In FedEx Ship Manager® Server (FSMS), single pieces are always shipped in a single 020 Global Ship Request transaction.

For example, this transaction is a single-piece shipment with the FedEx Ground® Electronic C.O.D. (E.C.O.D.) service option selected. All shipping information required to create the shipment and deliver the package is included in a single transaction string.

0,"020"1,"Ground E.C.O.D. w/o 3rd Party Return"11,"Recipient Company"12,"Someone"13,"20 Peachtree Rd."15,"Memphis"16,"TN"17,"38125"18,"9012639234"23,"1"50,"US"53,"100"187,"199"498, ""537,"C:\2D Bar Code"1273,"01"1274,"92"1282,"B"1660,"Y"1670,"1600"3000,"1"3014,"Y"3056,"PO Number 0001"3062,"2"99,""

2.7.2 Multiple piece

The term multiple piece refers to two or more packages or handling units that are added to a shipment to create a multiple piece shipment (MPS).

For FedEx Express® , FedEx Ground® and FedEx Ground® Economy package services, you can ship multiple pieces as a multiple piece shipment if the pieces:

- Use the same service, bill-to instructions, packaging type and delivery instructions. For example, they must all be shipped using the FedEx Express® OR FedEx Ground® package service, and if a service option is selected, such as Saturday pickup or delivery or FedEx Home Delivery premium service, it must apply to all pieces in the shipment.

- Move together and ship on the same day from one Sender to one Recipient.

- Encounter all size, weight, and acceptance guidelines for the selected service.

Individual packages in a multiple piece shipment can have different weights, dimensions and declared values. Within the U.S. only, individual packages in a multiple piece shipment processed through FedEx electronic shipping solutions can contain different designations of dangerous goods (for FedEx Express) or hazardous materials (for FedEx Ground®). Each individual piece or single handling unit must have an address label showing the complete Sender and Recipient addresses.

Each piece in a multiple piece FedEx Express Freight shipment must be palletized, stackable, banded,

shrink-wrapped and able to be moved with a forklift to form single handling units.

The package is shipped for Express Freight service even if it does not qualify for Express Freight. The package is entitled to Express Freight if at least one package qualifies for multiple piece shipment. The package continues to validate for Express Freight shipment and takes the weight and dimension limits as stated in the application.

When a multiple-piece shipment that uses a U.S. package service attains a total shipment weight of 100 lbs. for FedEx Express or 200 lbs. for FedEx Ground® (with FedEx Ground Multiweight® contract rates), it is rated on a price-per-package and a price-per-total shipment-weight basis. You are billed the lower of the two rates.

While processing multiple-piece ground shipment request from Canada to the United States, if the FedEx® Delivery Signature Options is selected for one or more pieces, FSMS requests for the validation of Signature rules for each package within the shipment. If the requested Signature validation fails for any of the packages, then an error message 0846, "The Signature Option selected is not available with the current shipping scenario" is returned and the shipment fails.

For FedEx Express, a 10-pound average minimum package weight for the shipment applies. For FedEx Ground®, an average minimum package weight for the shipment applies and varies by contract.

For FedEx Express and FedEx Ground multiple-piece shipments, you may form your FSMS transaction in two ways:

- **Single transaction**—in which fields that contain package data occur multiple times within the same transaction, but only once for each individual package. This method, called Single Shot, provides a single one-shot transaction that sends complete shipment information to FedEx in a single 020 Global Ship Request transaction. The following is an example of a Single Shot transaction for a multiple-piece FedEx Ground shipment. Field 1670 (Fractional Package Weight) is a multiple occurrence field. Individual packages are numbered sequentially as 1670-2, 1670-3, and so forth.

0,"20"1,"5 Package Ground Single Transaction MPS"11,"Recipient Company"13,"20 Peachtree Rd."15, "Pottstown"16,"PA"17,"19464"18,"9012639234"1670,"15"1670-2,"15"1670-3,"5"1670-4,"5"1670-5, "5"23,"1"50,"US"187,"199"498,""537,"\\printserver\eltronlp"1273

,"01"1274,"92"1282,"N"3002,"Shipment Invoice Number"3056,"Package PO 001"3056-2,"Package PO 002"3056-3,"Package PO 003"3056-4,"Package PO 004"3056-5,"Package PO 005"3062,"2"99,""

- **Multiple transactions**—which create a shipping workflow in which the first transaction creates the shipment and the following transactions add packages and confirm the shipment after all packages are added. This method is called Openship because the transactions create an "open" shipment to which you can add multiple pieces over a period of time. For examples of an Openship transaction, see

International Multiple-Piece shipments

In an international FedEx Express or FedEx Ground shipment, the weight of each individual piece cannot exceed the specified limits for the destination country, and you cannot ship more than ten (10) commodities on one FedEx international air waybill. Each individual piece (or single handling unit) must have a separate address label with complete Sender and Recipient addresses.

FedEx Express international multiple-piece shipments are billed based on total shipment weight.

2.7.3 Multiple occurrence fields

You can use multiple occurrence fields several times within a single transaction. You can specify a

different value for each occurrence. Using multiple occurrence fields eliminates the need to code the same field over and over simply because the input values change.

The format for a multiple occurrence field is X-#.

- "X" is the field ID number that you repeat, such as 1670.
- "–" is a dash (also known as minus sign) used as a separator between the field number and the number of the repetition.
- "#" is the number of the repetition, such as 1, 2, 3, and so on.

The maximum number of repeated fields is 999 unless otherwise noted within a specific transaction format. If you need to use a multiple occurrence field more than 500 times in a transaction, contact your FedEx customer support representative.

Example 2-24

Field 1670 (Fractional Package Weight) is a multiple occurrence field. If the first package you add in a multiple-piece shipment weighs 2 pounds, and the next two packages you add weigh 3 pounds and 5 pounds, then code Field 1670 as follows:

1670-1,"200"1670-2,"300"1670-3,"500

This entry allows three different packages to be entered using the same field number followed by an occurrence indicator (1, 2 and 3).

Eliminate the dash and the occurrence indicator for the first multiple occurrence field in any transaction. For example, you can correctly code the previous example as follows:

1670,"200"1670-2,"300"1670-3,"500"

> *Note: Field 1670 has two implicit decimals. In the above example, 200 equals 2 pounds.*

Using the Field 1670 (Fractional Package Weight) example cited previously:

Code the third occurrence as follows:

1670-3,"###"

Code the 25th occurrence of the field as follows:

1670-25,"###"

Code the 999th occurrence of the field as follows:

1670-999,"###"

> *Note: When coding a multiple occurrence field, do not use any leading zeros in the occurrence indicator. Examples of incorrect coding include the following:*

1670-003,"###" and 1670-03,"###"

2.7.4 Single shot versus Openship shipping

You can ship single packages at one time or multiple packages in one single master shipment called a multiple-piece shipment (MPS). Within the FedEx shipping system, multiple-piece shipments have special considerations and rules. For example, when you ship multiple pieces in the same shipment, all the pieces in that shipment must be addressed to the same recipient.

There are two ways to ship a multiple-piece shipment:

- Single Shot — process all packages in one single FSMS transaction using the same fields repeatedly for each package.

- Openship — create a single 'open' master shipment and process the packages for that shipment over the course of a shipping period, up to 7 days.

Single shot shipping method

If you ship using the Single Shot method, then you must know ahead of time exactly how many pieces will be included in the shipment. The Single Shot method requires that you use multiple-occurrence fields to provide data about each package.

For example, if you have five (5) packages to ship, then you must assign each package a number and use that number to associate the data fields for that package. For example, to enter the package length for five separate pieces, enter the length for the first package using Field 59 (Package Length). For the second piece, use Field 59-2; for the third piece you use Field 59-3, and so forth until you enter data for the fifth package as 59-5.

The result is a sequence of data fields that occur multiple times in the transaction, one time for each piece you include in the shipment. The transaction code looks like this: 59,"12"59-2,"24"59-3,"18"59-4,"12"59-5"18" where the value is the length of the piece given in inches.

Other restrictions for Single Shot also apply. For example, FedEx International Priority DirectDistribution® (IPD) and FedEx International Priority DirectDistribution® Freight (IDF) single shot transactions must be associated with an existing FedEx International Priority DirectDistribution or FedEx International Priority DirectDistribution Freight Open shipment. Refer to the respective chapters for more information on these services.

Openship shipping method

If you use the Openship multiple-piece-shipment (MPS) shipping method, then the Openship workflow requires that you use several transactions to create, add packages, edit and confirm the shipment. Like Single Shot, all pieces in the shipment must be sent to the same recipient.

The Openship shipping method requires two fields—one to identify the Openship function to perform and the other to identify the shipment to which the function applies. It is typical to have several Openship shipments being actively processed on the same shipping floor. Therefore, it is important to distinguish which "open" shipment you are adding packages to throughout your shipping day.

Chapter 3: Openshipping describes the Openship shipping method in detail.

2.8 FedEx Ship Manager® Server (FSMS) transaction coding tables

This guide contains transaction coding tables that describe the transaction fields required to code transactions. In certain cases, the table will offer you alternative ways to perform the same functions. In most cases, however, the table is a basic description of one or more fields and their properties, as shown in this table.

Table 5: Transaction coding table example

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Services	Valid for	
Customs **Currency** Type						
68	Max=3	N	I	FDXE	INTL	**Field level**: Shipment **Required*** or Defaulted * Required* for FedEx Express international shipments only. **Description** • Customs Currency Type field indicates the • Currency in which the customs value is expressed. • Default for U.S. shipping: USD • Default for intra-CA shipping: CAD *Note: The setting for this field is applied to field 119 (Total Commodity Customs Values), and field 1030 (Commodity Line Item Unit Value).*
Declared Value/Carriage Value						
69	Max=14.2	N	I	FDXE FDXG FXFR	U.S. INTL	**Field level**: Shipment for FedEx Express International shipments, Package FedEx Express - U.S, FedEx Ground and FedEx Express intra-CA shipments. **Required** *Required for all U.S. shipments that are insured with FedEx. **Description** • Declared Value /Carriage Value field specifies the total dollar amount declared or carriage value of the shipment. • This field supports the 14.2 numeric format and has two implied decimal places.

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Services	Valid for	
						- The values of this field must contain only numeric characters and no special characters such as ",", ".", or "$". - For shipping, use Single Shot, Single Piece, Openship, or MPS. - If the Declared Value per Unit is in the wrong currency, FSMS returns Error Message 2458, 'Declared Value per Unit in Freight Shipment Detail - Invalid Currency." - If the Declared Value per Unit is the wrong amount, FSMS returns Error Message 2459, 'Declared Value per Unit in Freight Shipment Detail-Invalid Amount.' _Note:_ - All currency fields for FedEx Express Freight must be in USD. When used to create/print a Bill of Lading (BOL) for FedEx Express Freight, the declared value cannot exceed $100,000 USD. Carriage Value cannot exceed the Customs Value. - If you need to use a 14.2 numeric format, use Field 69. - Refer the FedEx Service Guide for allowable limits. Carriage value per package.

Field 69 (Declared Value/Carriage Value) is available when coding both FedEx Express and FedEx Ground shipments. This is indicated by FDXE and FDXG in the **Service** column. Field 68 (Customs Currency Type) is required for FedEx Express International shipments only. Both fields have conditional requirements as indicated by an asterisk after the word **Required***. The "Table Conventions" section describes standard annotations, acronyms and other conventions used in a transaction coding reference table.

2.8.1 Table conventions

Field indicators, symbols and acronyms used in the Transaction Coding Reference tables are:

- Field ID column—contains the field identifier (ID number) for the field name shown in the row above. If the field ID indicates a hyphen and number sign (-#), this indicates that you may use the field two or more times in the same transaction as a multiple-occurrence field. Replace the # sign with a number to identify a specific package in the sequence of packages you add to the shipment. See Multiple Occurrence Fields for more information.

- Field length column—indicates the number of characters in the field. The field length is shown as the maximum (Max) number of characters allowed. For certain fields, the minimum (Min) field length is also shown.

- Data type column — Shows the type of data allowed for the field value. Indicators are:

    o **A**—Alphabetic characters only

    o **N**—Numeric characters only

    o **A/N**—Alphanumeric; both alpha and numeric characters allowed

    o **AKE**—Alpha, numeric, and special characters, such as the ampersand (&), allowed

- Input/output column — Tells you if a field can be included in an FSMS request transaction or is returned in an FSMS reply transaction:

    o **I**—Input in a request transaction

    o **O**—Output in a reply transaction

    o **I/O**—Field can be input in a request or output in a reply

- Service column — lists the FedEx services allowed for use with the field. Acronyms are:

    o **FDXE**—FedEx Express

    o **FDXG**—FedEx Ground®

    o **FHD**—FedEx Home Delivery

    o **FXGE**—Ground® Economy

    o **FXFR**—FedEx Freight®

    o **FDXT**—FedEx International DirectDistribution Surface Solutions

    o **All** or **FDXA**—All service

*Note: FedEx Home Delivery (FHD) is the residential delivery service for FedEx Ground® services. If only FHD is shown in the **Service** column, then the field ID is used for FedEx Home Delivery. If FDXG is shown, then FHD is inclusive, and the field also can be used in shipping transactions to residential addresses.*

- Valid for column—Lists the geographical shipping regions and special services, including contract-only service, that apply to the FedEx services listed in the Services column.

    o **US**—United States

    o **CA**—Canada

    o **MX**—Mexico

    o **PR**—Puerto Rico

    o **IN-CTR**—Intra-Country Shipping

    o **INTL**—International. if **INTL**, may include these FedEx international services:

- FedEx International First® (IF)

- FedEx International Priority®

- FedEx International Priority® Express (IPE)

- FedEx Regional Economy®

- FedEx Regional Economy® Freight

- FedEx International Economy® (IE)

- FedEx® International Connect Plus

- FedEx International Ground® (IG)

- International Priority Freight (IPF)

- FedEx International Economy® Freight (IEF)

- INTL — DS (International Distribution Services):

- FedEx International DirectDistribution Surface Solutions (IDD Surface)

- FedEx International Ground® Distribution (IGD)

- FedEx International Ground Consolidation (IGC) (IGC - International Ground Consolidation is managed enabled service. Please contact your Account Executive for details)

- FedEx International Priority DirectDistribution® (IPD)

- FedEx International Priority DirectDistribution® Freight (IDF)

- FedEx International Economy DirectDistribution℠ Service (IED)

  - All—Intra-U.S. (U.S.) and International (INTL) services, including Canada, Mexico and Puerto Rico

- Description column — Contains a brief description of the field and includes valid values and conditional requirements. The following indicators are used:

  - **Required**—Indicates a mandatory field for the transaction
  - **Required***—Indicates a "required if" condition
  - **Field level**—Indicates when a field/value applies to a package or an entire shipment.
  - **Optional**—Indicates that the field is not required in a particular transaction. Certain fields may be either optional or required depending on transaction context.

Field descriptions also include a list of the transaction methods appropriate with the use of the field. Transaction shipping methods are:

  - Single Shot—All packages are processed together in one single transaction
  - Single Piece—One package in a transaction
  - Openship—An Openshipment transaction to which multiple pieces can be added throughout a shipping period
  - MPS—Multiple-Piece Shipment information.

*Note: In any column, "- -" (double dash) indicates "not applicable". For example, Field 1148 (Middleware Product Name) identifies a middleware vendor's product. Because no FedEx service is associated with this field, the **Service** column is marked with a double-dash as not being applicable.*

2.8.2 Transaction Coding Reference Guide

The FedEx Ship Manager® Server Transaction Coding Reference Guide contains reference coding tables which describe the fields for FSMS transactions. Use the transaction coding tables in the Transaction Coding Reference Guide to help you identify which transaction fields you need to use when developing transactions that create, ship, rate and route FedEx shipments.

2.9 URSA interface master tracking number update

This enhancement implements three new tags to designate the usage of a pre-assigned Master Tracking Number and Form ID for a route or rate route 020 transaction only. The implementation of new tags will correct the 2D Barcode to accurately reflect N of N package.

The software will now use the Master Tracking Number and Master Form ID (Tag 2600 "3") for associated shipments when you provide the associated package information 1 of N, 2 of N, etc. This corrects information of the piece count in tag 3064 for route only transactions that include a pre-assigned tracking number with custom label flag set to Y. The piece count in tag 3064 that previously reflected 1/1 each time will instead reflect 1/N, 2/N, etc.

Table 6: New tags implemented with URSA interface master tracking number enhancement

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description |
				Services	Valid for	
Master Pre-assigned Flag						
7719	Max=1 Min=1	A	I	FDXE FDXG	INTL	**Field level:** Shipment **Optional** **Description** Master Pre-assigned Flag is used to indicate whether the preassign function is enabled for the Master Tracking Number in the 020 Route Request Transaction to build the 2D Barcode when creating custom labels. This tag is used in conjunction with the Preassigned Master Tracking Number & the Preassigned Master Form ID. Valid Values: o Y = Yes o N = No *Note: FORM ID is not used for FedEx Ground.*
Pre-assigned Master Tracking Number						
7720	Max=20 Min=12	N	I	FDXE FDXG	INTL	**Field level:** Shipment **Optional** **Description** Pre-assigned Master Tracking Number can be used in the 020 Global Shipping transaction for a Route or Rate/Route Request Transaction to build the 2D Barcode when creating custom labels. This tag must be used in conjunction with the Master Preassigned Flag & the Preassigned Master Form ID for Express Request. *Note: FORM ID is not used for FedEx Ground.*
Pre-assigned Master Form ID						
7721	Max=4 Min=4	N	I	FDXE	INTL	**Field level:** Shipment Conditional - Express Shipments only **Description** Pre-assigned Master Form ID identifies the type of

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Services	Valid for	
						shipment in the 020 Global Shipping transaction for a Route or Rate/Route Request Transaction to build the 2D Barcode when creating custom labels. This tag is used in conjunction with the Master Preassigned Flag and the Preassigned Master Tracking Number for an Express Request. **Valid Values:** 0201 - U.S. Single Piece and Multiplier MPS for FedEx 0301 - U.S. C.O.D. MPS for FedEx Express master piece 0430 - International MPS for FedEx Express master piece 0431 - International Priority Direct Distribution - Master 0451 - Intra Canada for domestic MPS for FedEx Express master piece 0455 - Intra Mexico for domestic MPS for - FedEx Express master piece 0482 - IDD Surface for FedEx Express for master piece 0710 - Domestic with priority alert for FedEx Express MPS master piece 0726 - Priority Alert International Master 0727 - Priority Alert International Master with ETD 0730 - Priority Alert Intra-Canada Master 0731 - Priority Alert Intra-Mexico Master 0732 - Priority Alert Intra-Switzerland Master 0733 - Priority Alert Intra-United Arab Emirates Master 0734 - Priority Alert Intra-India Master 0738 - Priority Alert Intra-Luxembourg Master 0739 - Priority Alert Intra-Germany Master 0740 - Priority Alert Intra-Netherlands Master 0741 - Priority Alert Intra-Denmark Master 0742 - Priority Alert Intra-Belgium Master

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description |
				Services	Valid for	
						o 0743 - Priority Alert Intra-Italy Master
						o 0744 - Priority Alert Intra-France Master
						o 0745 - Priority Alert Intra-Austria Master
						o 0746 - Priority Alert Intra-Czech Republic
						o Master
						o 0747 - Priority Alert Intra-Finland Master
						o 0748 - Priority Alert Intra-Hungary Master
						o 0749 - Priority Alert Intra-Norway Master
						o 0750 - Priority Alert Intra-Poland Master
						o 0751 - Priority Alert Intra-Spain Master
						o 0752 - Priority Alert Intra-Sweden Master
						o 0753 - Priority Alert Intra-Russia Master
						o 0754 - Priority Alert Intra-United Kingdom Master
						o 0891 - MPS Form ID for all countries
						Note: Form ID is not used for FedEx Ground.

To utilize the new Master Preassigned functionality and to accurately reflect in the label content, the following tags need to be provided within the 020 Route or Rate/Route request:

- Package Sequence - Tag 1117
- MPS Total Packages - Tag 1982

2.10 Transactions do more than ship

The concepts up to this in this chapter primarily describe the shipping transaction 020/120 Global Ship Request/Reply. FedEx Ship Manager® Server transactions are versatile and flexible and do much more than ship.

2.10.1 Rates, rate quotes and list rates

Calculate your rate using the instructions in the FedEx Services Guide and by using the Rate Tools at **fedex.com/ratetools/RateToolsMain.do**. You can get rate quotes and view rates by service or delivery zone. As a FedEx account holder, you can log on for an account-specific courtesy rate quote or a customized rate guide.

You can also request both account-specific and courtesy list rates for FedEx Express, FedEx Ground and FedEx® International DirectDistribution Surface Solutions shipments using the FSMS 020 Global Ship Request transaction or 025 Rate Available Services Request Transaction.

As part of its revenue management, FSMS supports a variety of rating options, such as list rates for FedEx Express and FedEx Ground, international courtesy rating, bundling, DIM weight calculations and

Multiweight discounts. These are described in each chapter by service. Rating may also be disabled to enhance performance during shipping.

Refer section 3.7 Rate Openship Shipment Transaction for more details.

Refer section 4.11.3 Alternate Rate Fields for information on Alternate Rates.

Earned discount and bonus discount pricing programs

The Earned Discounts Pricing Program awards discounts to customers who meet predetermined revenue levels and/or shipping criteria. You earn additional discounts as you increase shipping activity or meet specific shipment characteristics. To participate in the Earned Discounts Pricing Program, contact your FedEx Account Executive. If you participate in the Earned Discounts Pricing Program, all FSMS transactions with a rate quote will return Field 1992 (Earned Discount Amount).

> *Note: Earned Discounts will be returned in the 120 Global Ship Reply and 125 Rate All Services Reply transactions for FSMS version 8.4 and higher.*

Bonus Discounts (BD) are a "behavior" discount that offers customers package/shipment-level incentives when specific conditions are met.

This feature allows offline shipping clients to show Bonus Discounts in their courtesy rate quote. Offline devices need the ability to rate shipments with Bonus Discounts to be closer to the **fedex.com** rating experience.

> *Note: Field 2853 (Bonus Discount) can be returned blank, zero or not at all when a bonus discount is zero.*

Refer section 5.9 Bonus Discount detailed information on bonus discount reports, impacted transactions, and Alternate Rate fields.

2.10.2 Routing and Time-in-Transit

FedEx Ship Manager® Server returns route and time-in-transit information when you request it using the 020 Global Ship Request transaction. In FSMS, the term route is used specifically for FedEx Express service, and the term time-in-transit for returned information for the FedEx Ground service.

FedEx Ship Manager® Server returns the following information:

- FedEx Express® —Route to and from any origin and destination pair for any FedEx Express shipment. A Route Request also returns the service commitment ("deliver by" date and day of week).

- FedEx Ground® or FedEx Home Delivery®—Time-in-transit from origin to destination for any FedEx Ground® or FedEx Home Delivery® shipment.

You request route or time-in-transit information in two ways:

- Use Field 1234 (Rate/Route/Time-in-Transit Flag) in a 020 Global Ship Request.
- Use Field 541 (Openship Flags) in an Openship 020 Global Ship Request.

For instructions on how to get rates using Field 541 in an Openship transaction, refer Openshipping in this guide.

> *Note: Performing a route request for a FedEx Express® shipment or a time-in-transit for a FedEx Ground shipment returns all the necessary information needed to add information to a FedEx label and create a custom label if a preassigned tracking number is included in the Request transaction.*

2.10.3 Package and shipment tracking

Unless ground service 1D barcode is enabled, the tracking number assigned to your shipment or

individual packages is your way to uniquely identify it as it moves through your shipping process and the FedEx shipping system.

Tracking numbers are assigned separately to your FedEx account for FedEx Express® and FedEx Ground services®. You can preassign tracking numbers to packages if you need to send them to customers ahead of shipping their order.

2.10.4 Close shipment at End-of-Day

When you end your shipping day, you must perform an 007 End-of-Day Close Request transaction to transmit shipping data to FedEx. You can use the 007 End-of-Day Close Request transaction to either start the Close operation for a meter or to query the meter's Close status, depending on the value you set in Field 548 (Close Status Request Flag).

Perform a separate Close Request for FedEx Ground and FedEx Express shipments. Close all meters with one 007 transaction using Field 2413 (All Meters Flag).

Example 2-25

The following example shows a 007 End-of-Day Close Request transaction for a FedEx Ground shipment and the corresponding 107 End-of-Day Close Reply:

0,"007"1,"End of Day"3025,"FDXG"99,""

Day"10,"XXXXXXXX"498,"000XXXXXX"1939,"423"3025,"FDXG"99,""

2.11 Batching transactions in a file

Batch processing is the batch execution of transaction strings in files or programs that, once started, run and complete without human intervention. Batch processing allows a shipper to build FedEx Ship Manager shipment transactions and send them together in a single file or in several batch files to the back-end FedEx shipping server. The back-end server processes the transactions together as a single batch and returns the output to your local FSMS client.

If you choose to batch transaction files, then you can configure the FSMS application to process transactions during scheduled periods. FedEx Ship Manager® Server can be set up to automatically check for and process new transaction files.

You can enable/disable the batch processing by selecting the checkbox *Enable Batch Processing* in *Advanced Settings* tab. The following tags are required for processing a 070-trasnction for batch processing option. Refer *FedEx Ship Manager® Server Transaction Coding Reference Guide*.

- 740 - Enable Batch Processing Flag – Enable/Disable using Batch Processing checkbox.
- 741 - Batch Processing Interval (in milliseconds) – Select required time interval for shipment batch processing .
- 742 - Batch Processing Folder – Select required path to store batch processing files.

Table 7: Batch Processing options
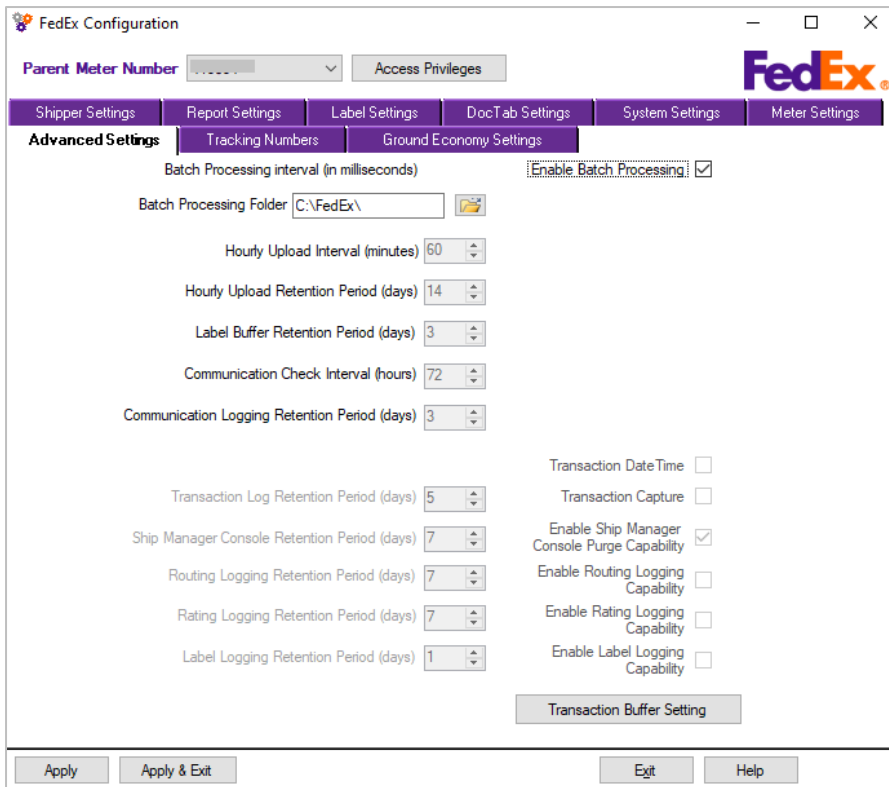
The following is an example for batch processing tags used in 070 – Meter Query transaction when Enable Batch Processing checkbox is selected.

0,"070"1,"Meter Info Query"498,"41XXX4"556,"2"99,""

0,"170"1,"Meter Info Query"4,"SN2000 TEST"5,"9639 INTER OCEAN DR"7,"CINCINNATI"8,"OH"9,"452461029"10,"31411XXX0"32,"KATRINAACARRIGAN"117,"US"183,"90126555540000"497,"41XXX5"498,"41XXX4"561,"N"562,"0"563,"0"564,"0"565,"0"566,"1"567,"N"569,"0000"595,"0300"596,"Y"597,"Y"598,"21"599,"0400"617,"8083"622,"2000"629,"N"638,"N"639,"001"639-2,"002"639-3,"003"639-4,"004"639-5,"005"639-6,"006"640,"N"640-2,"Y"640-3,"Y"640-4,"Y"640-5,"Y"640-6,"Y"642,"N"674,"707419523512"675,"707419773501"676,"707419523545"677,"710298681760"678,"710298931752"689,"..\EXPORT1.TXT"689-2,"..\EXPORT2.TXT"689-3,"..\EXPORT3.TXT"689-4,"..\EXPORT4.TXT"689-5,"..\EXPORT5.TXT"689-6,"..\EXPORT6.TXT"720,"Y"721,"7"722,"N"723,"7"725,"7"726,"2048"727,"N"730,"N"732,"N"733,"N"736,"N"**740,"Y"741,"0500"742,"C:\FedEx\Batch processing**"1023,"India Standard Time"1084,"CVGA"1209,"N"1311,"0"1312,"0"1313,"0"1331,"N"1332,"N"1370,"3"1374,"N"1375,"1"1379,"..\fedex_admn\BACKUP2"1379-2,"..\fedex_admn\BACKUP1"1387,"2300"1455,"N"1588,"0"1588-2,"0"1595,"0"1595-2,"0"1606,"0"1606-2,"0"1619,"EXP"1654,"B"1680,"01"1687,"N"1688,"1"2028,"N"2253,"3"2258,"60"2259,"14"2266,"RTF"2398,"0"2425,"00000"2550,"NN"2551,"5"2552,"0200"2553,"N"2554,"N"2555,"Y"2556,"N"2563,"3"2564,"N"2713,"04"2805,"N"2820,"O"2850,"NNNNNN"2850-2,"NNNNNN"3014,"N"3025,"FDXE"3025-2,"FDXG"3025-3,"FXFR"3025-4,"FXGE"3028,"5247402"3062,"1"3062-2,"1"3062-3,"1"3062-4,"1"3180,"N"3181,"Y"3372,"42001"5654,"N"7350,"2"7351,"100000"7705,"N"7717,"0330"7717-2,"0330"7717-3,"0330"7717-4,"0000"7718,"1"7718-2,"1"7718-3,"1"7718-4,"0"7785,"Y"9913,"0"99,""

2.12 Monitoring input batch files

After you complete the preceding steps, the FSMS monitors the directory you designated in the client.ini file every ten seconds for any input transaction files.

When FSMS detects an input batch file, it processes the file and creates an output file and a copy of the original in the same directory.

Table 6 shows the input file, the output file, and a copy of the original.

> *Note: Make sure that input files do not contain an extra line or space at the end of the transactions. This causes processing errors. The last field at the end of the input file must be: 99,""*

Table 8: Batch file processing

File Name	Description
batch1.in	Input file processed by FSMS, resulting in the output file batch1.out
batch1.out	Output file generated by FSMS from batch1.in
batch1.old	FSMS copies the original input file (batch1.in) to this file

2.13 Error messages and troubleshooting

If FSMS returns an error condition in a transaction, you may look up the error code in the Error Code section of the *FedEx Ship Manager® Server Transaction Coding Reference Guide*.

2.13.1 FedEx Ship Manager® Server (FSMS) log files

- Transaction Log: To help you troubleshoot an error, FSMS can create log files of all transactions processed and replies, which can optionally include the date, time, and IP address origin of each transaction. When enabled, these logs are located at C:\FedEx\fedex_chux and are named fxrstran.in and fxrstran.out.

- Event Viewer Log: FSMS events are logged to a FedEx Application Event log named FedExApplications.evtx.

To help you troubleshoot an error, FSMS creates a log file of all transactions processed, and logs the date and time of each transaction.

Non-critical transaction events are logged to an Application Event log file named FXRS_LogFile.log located in C:\FedEx\FedEx_EventLogs.

For additional assistance, contact FedEx Customer Service at **1.800.GoFedEx 1.800.463.3339**.

2.13.2 Enabling the log file and setting the retention period

1. Open the FSMS Configuration Utility.

2. Click the **System Settings** tab.

3. Check the **Transaction Log** box to enable logging of transactions.

4. Click **Apply** to apply your changes or click **Apply & Exit** to apply your changes and close the Utility window.

5.   To begin logging, halt shipping, then stop and restart the FedEx Ship Manager service.

2.14 Next steps

Now that you are familiar with FSMS transaction basics, you can begin building transactions for your application.

The following chapters in this guide describe the service rules and transaction syntax that must be adhered to develop integrated applications for FedEx shipping operations. The information is presented for each of the FedEx services supported by FSMS.

To begin building your application, go to the chapter in this guide related to the specific FedEx service(s) that your company will be using to ship. For more information on the transaction service that supports the Openship shipping method, refer Openshipping.

Table 9: FedEx shipping services

To learn about FedEx shipping for:	Read:
Openshipping	Chapter 3: Open Shipping
FedEx Express® U.S. services	Chapter 4: FedEx Express U.S. Service
FedEx Ground® U.S. services	Chapter 5: FedEx Ground U.S. Services
FedEx Ground® Economy	Chapter 6: FedEx Ground® Economy
FedEx Freight® U.S. Services	Chapter 7: FedEx Freight U.S. Services
FedEx Intra-Country Shipping	Chapter 8: FedEx Express Intra-Country Shipping
FedEx Express International Services	Chapter 10: FedEx Express International Services
FedEx International Ground services	Chapter 11: FedEx International Ground Services
FedEx Freight® International Services	Chapter 12: FedEx Freight International Services
FedEx International DirectDistribution Surface Solutions	Chapter 13: FedEx International DirectDistribution Surface Solutions
FedEx International Priority DirectDistribution®	Chapter 14: FedEx International Priority DirectDistribution
FedEx Returns Solutions	Chapter 15: FedEx Global Return Solutions
FedEx label ship Manager Server Label and Form Transactions	Chapter 16: FedEx Ship Manager® Server Label and Form Transactions

3 Open shipping

Openshipping is a highly flexible feature that allows you to create and enter information for a shipment as it is received throughout the day, rather than entering all the shipping information only when the shipment is ready to be processed. The shipment remains "open" for a seven-day period and accepts package additions, deletions, or edits during that time. At the end of seven days, the shipment must be confirmed, or it will be purged.

You can print labels for each piece as you need them or wait until the shipment is confirmed and print all labels prior to ship. This printing preference is called Openship Print-As-You-Go (PAYG) and is enabled in an Openship transaction.

Openship shipments are often multiple-piece shipments but can also be shipments that contain single packages, referred to as single-piece shipments.

You can use the Openship shipping method to create an Openshipment and add packages to the shipment over a period. This gives you a flexible way to prepare your shipment throughout the day until you are ready to ship.

To ensure all special services and billing options are properly applied Open shipments must be confirmed prior to tendering the shipment to FedEx. If you set the future ship date without the Open shipment being confirmed on the date tendered, special service or billing options will, by default, revert to default settings, which do not equate to what was requested for the shipment.

This chapter describes the procedure for creating, modifying and deleting an Openship shipment using FedEx Ship Manager® Server (FSMS) and the 020/120 Global Ship Request/Reply transaction.

3.1 FedEx services with Openship

You can use the Openship shipping method for the following FedEx services:

- FedEx Express® intra-U.S. and intra-Canada
- FedEx Ground® intra-U.S. and intra-Canada
- FedEx Home Delivery®
- FedEx Ground® Economy®
- FedEx International Economy DirectDistribution℠ Service (IED)
- FedEx International Priority DirectDistribution® (IPD)
- FedEx International Priority DirectDistribution® Freight (IDF)
- FedEx International Ground® Distribution (IGD)
- FedEx International Ground Consolidation (IGC) (IGC - International Ground Consolidation is managed enabled service. Please contact your Account Executive for details)
- FedEx International DirectDistribution Surface Solutions (IDD Surface)
- FedEx International Priority®
- FedEx International Priority® Express (IPE)
- FedEx Regional Economy®
- FedEx Regional Economy® Freight

- International Priority Freight

- FedEx International Economy®

- FedEx® International Connect Plus

Note: You can also use the Openship method for Consolidation Services. Refer FedEx International DirectDistribution Surface Solutions for more information.

3.2 Openship process and workflow

An Openship shipment typically requires multiple transactions:

- one to **Create** the Open shipment,

- one or more to **Add or Modify** the packages in the shipment,

- and one to **Confirm** the Open shipment.

The Open Ship Create transaction creates the first piece of the shipment. The Open Ship Create transaction requires a weight and returns a tracking number (and label buffer if one is requested). The flow chart seen in Figure 6 has been updated to show that the Create transaction represents the first piece of the shipment.

The figure below illustrates the basic workflow for processing an Openship shipment, unless the CONFIRM action type is used.

Figure 6: Openship process workflow
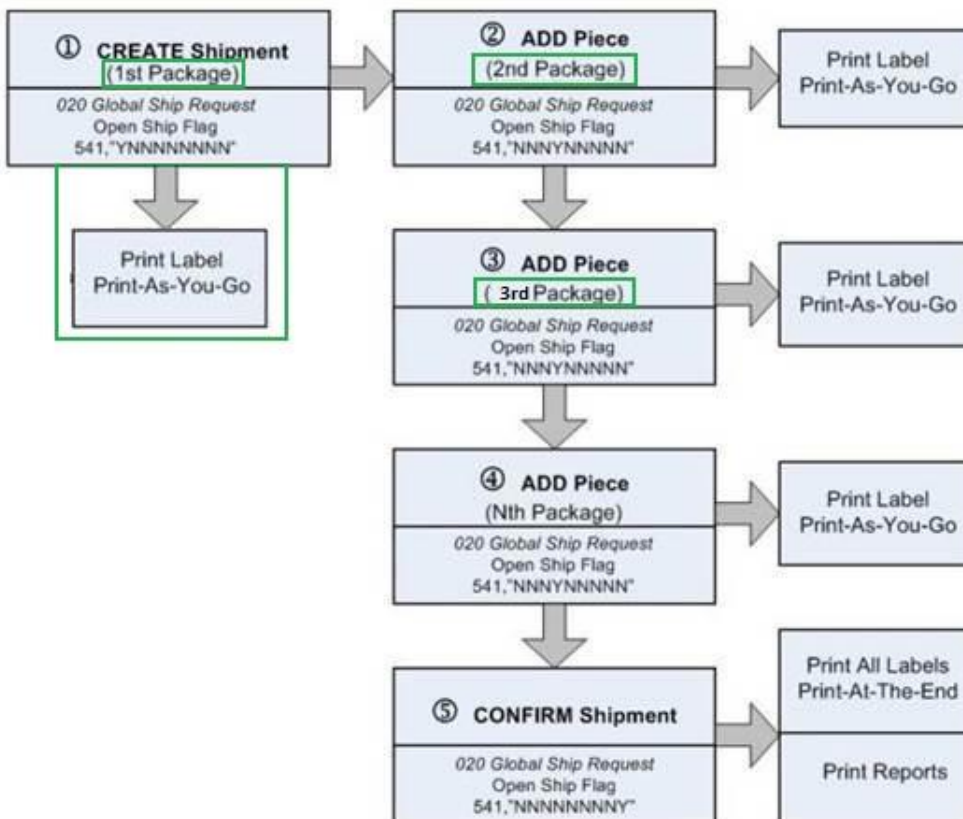
Table 10: Openship creation

Workflow Item	Description
1. Create Shipment	• To CREATE a shipment requires the *020 Global Ship Request* transaction with Field 541 (Openship Flags) set to Y in the first position: Field 541 = "YNNNNNNNN". • A tracking number for the master/1st piece is assigned for the Openship CREATE shipment transaction.
2 - 4. Add Piece* *not to exceed 999 pieces per shipment	• Packages are processed individually by sending an Openship ADD piece transaction. A unique tracking number is returned for each piece (aka package) processed. • To ADD a piece to a shipment, use the *020 Global Ship Request Transaction* with Field 541 (Openship Flags) set to Y in the 4th (fourth): 541, "NNNYNNNNN".
5. Confirm Shipment	• You must ADD a minimum of 2 (two) pieces before you can CONFIRM an Openship shipment. • To CONFIRM the shipment, send the *020 Global Ship Request* transaction with Field 541 (Openship Flags) set to Y in the 9th (ninth) position: 541, "NNNNNNNNY". • Package labels and all other reports are returned in the CONFIRM shipment response. No master is printed for FedEx® International DirectDistribution Surface Solutions. • Package labels are printed at the time of shipping, called Print-At-The-End (PATE) or when you CREATE, ADD, or MODIFY packages, called Print-As-You-Go (PAYG). FSMS prints reports when you perform the Openship CONFIRM shipment and end-of-day Close transactions. • To ensure all special services and billing options are properly applied Openshipments MUST be CONFIRMED prior to tendering the shipment to FedEx. • If you set the future ship date without the Openshipment being confirmed on the date tendered, special service or billing options will, by default, revert to default settings, which may not equate to what was requested for the shipment. Example: If you create a shipment in Openship on May 1st, and set 3rd Party Billing to a preferred account, and CONFIRM the shipment on May 1st prior to tendering (the package is scanned by FedEx operations), the 3rd party is billed correctly. However, if the shipment is unconfirmed or confirmed after the package is tendered, say if you create a shipment in Openship on May 1st, and set 3rd Party Billing to a preferred account, and CONFIRM the shipment after tendering the package on May 1st, the shipper's account will be billed by default and the 3rd party will not be billed. *Note: For Openship Print-As-You-Go (PAYG) shipments, you must CONFIRM the shipment on the same day as CREATE, otherwise labels will have the incorrect ship*

Workflow Item	Description
	date.

Note: IPD/IED/IDF in Openship processes differently, see Openship Process Workflow Details step 1.

3.3 About FSMS Openship transactions

Openship transactions consist of nine steps that perform these functions:

1. **Create** Shipment
2. **Route**/Time-in-Transit (optional)
3. **Rate** Packages (optional)
4. **Add** packages (optional)
5. **Edit** information about the shipment (optional)
6. **Edit**/add data to entire shipment (Optional)
7. **Delete** a Package (optional)
8. **Delete** entire shipment (optional)
9. **Confirm** Shipment

3.3.1 Field 541 Openship flags

Each step in the process is turned Off or On by an Openship flag that is designated in Field 541 (Openship Flags).

Field 541 consists of nine (9) digits that can be set to either **Y** (Enabled) or **N** (Disabled). Each position in the nine-digit sequence is assigned a function related to the Openship step process, such as CREATE or ADD. At least one position in the nine-digit sequence must be set to Y. The following table lists the Openship flag positions, identifies the function for each position and shows the value to enter.

Table 11: Openship flag positions for field 541

Position	Description	Syntax
1	CREATE the Shipment	YNNNNNNNN
2	ROUTE/Time-in-Transit	NYNNNNNNN
3	RATE the Shipment	NNYNNNNNN
4	ADD a Piece/Package	NNNYNNNNN
5	EDIT a Piece/Package	NNNNYNNNN
6	EDIT the Shipment	NNNNNYNNN
7	DELETE a Piece/Package	NNNNNNYNN

Position	Description	Syntax
8	DELETE the Shipment	NNNNNNNYN
9	CONFIRM the Piece/Package	NNNNNNNNY
9	CONFIRM the Shipment	NNNNNNNNY

Shipment versus package level flags

Flags are specifically set to shipment or package level. In other words, you can MODIFY information either for a package or a shipment, but you must select the correct flag depending on what you want to do. You must also distinguish between shipment and package when you CONFIRM.

Multiple flags in single transaction strings

You can use some of the Openship flags with each other. For example, you can **Create** a shipment and **Confirm** the shipment with one transaction (assuming all required information to ship a package is received), or **Add** a package and **Confirm**, or even **Modify** data, **Add** a package, and **Confirm**.

Use the Openship method when you want to add multiple packages to a shipment over a period but do not know how many packages you plan to add or when the shipment is complete. Using Openship gives you the flexibility to create the shipment first and add packages as needed. Refer the rules for Openship transactions carefully.

Important: You must complete an Openship shipment within seven (7) days after the **Create** transaction. After seven (7) days, the entire shipment is deleted.

The following rules apply to Openship transactions:

- Openship requires two fields - Field 541 (Openship Flags) to specify the Openship function (**Create, Add, Modify, Rate, Route or Confirm**) and Field 542 (Openship Index) to identify the Openship index number that tells FSMS on which shipment to perform the function. However, Field 542 is not used for IPD Openshipping. Instead use Field 1355 (IOR Facility Code) with Field 24 (Ship Date) and Field 1274 (Service Type) to form a unique shipment.

- You can use some of the Openship flags with each other. For example, you can **Create** a shipment and **Confirm** the shipment with one transaction (assuming all required information to ship a package is received) or even **Modify** data, **Add** a package, and **Confirm**.

- You have 7 days to **Confirm** an Openship shipment after a Close (End-of-Day) transaction. After the seventh day, the entire shipment is deleted if you do not **Confirm** the shipment. This is not available with Print-As-You-Go (PAYG). It is only available with Print-At-The-End (PATE). If you do not **Confirm** a shipment on the same day, you **Create** it, or if a Future Day ship date is not specified during the **Create** transaction, then you must change the Ship Date to the current day or later.

- To ship a multiple-piece shipment (MPS) to a single consignee, use Openship to ADD individual packages to the shipment.

- You can choose to print labels as you **Create**, **Add** and **Modify** packages in a shipment. This feature is called Print-As-You-Go (PAYG) and is available for FedEx intra-U.S. Express (including intra-U.S. Express C.O.D.), FedEx intra-U.S. Ground, and FedEx Ground® Economy services. For Openship Print-As-You-Go (PAYG) shipments, you must **Confirm** Openship shipments on the same day as **Create**, otherwise labels will have the incorrect ship date.

- You can also choose to print labels at the end when you **Confirm** the shipment. This feature is called Print-At-The-End (PATE).

- An Openship shipment must have at least one package always prior to **Confirm**. If a package is confirmed and is the only package in the shipment, the entire shipment is confirmed, and you cannot add any more packages to the shipment.

3.4 Openship Pre-Ship validation

Verify a FedEx Express, FedEx Ground or FedEx Home Delivery shipment prior to label preparation and confirmation to help ensure that all package and shipment information is correctly uploaded to FedEx.

Use the 020 Global Ship Request transaction with the three fields described in this table to pre-validate an Openship.

Table 12: Fields for Openship Pre-Ship validation

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Single Shot, Openship MPS |
				Carrier code (Services)	Valid for	
Pre-Ship Validation Flag						

184	Max=1	A	I	FDXE FDXG	All	**Field level**: Shipment
						Optional
						Description
						
						- Pre-Ship Validation Flag field is used to validate shipping information prior to processing the shipping transaction.
						
						- This can be used in Openship shipments or in a single transaction for FedEx Express and FedEx Ground shipping.
						
						- Valid values are:
						   o Y—Data validated (for any shipping method, but for Openship after shipment is committed to the database)
						   o P—Data validated (for Openship only - before shipment is committed to database)
						   o N—Ships and label produced
						
						- Use with Field 541 (Openship Flags) set to NNNNNNNNN.
						
						- For shipping, use Single Shot, Single Piece, Openship, or MPS.
						
						- As a best practice, use this option on all

| Field ID | Field length | Data type | Input\ Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Single Shot, Openship MPS |
				Carrier code (Services)	Valid for	
						rate and route transactions. *Note: Do not use this field with field 1234. Use one or the other, but not both in the same transaction.*
Openship Flags						
541	Max=9	A	I	FDXE FDXG FXGE	All	**Field level**: Package **Required** *Required for Openship. **Description**

<table>
<tr><td colspan="2">

- Openship Flags identifies transaction functions using nine one-byte flags which are set to Y to indicate shipment level or package level flag.
- Default: YNNNNNNNY (CREATE and CONFIRM the Openship shipment.)
- Specify Y in the position(s) of the Openship functions used for a given transaction. Specify N in all other positions. All flags must be used and must be either Y or N. If you enter all Ns, all Openship functions are disabled.
- Each one-byte flag is defined in sequence in the array as follows
</td></tr>
<tr><td>1 — CREATE an Openshipment</td><td>6 — EDIT/ADD data to the entire shipment</td></tr>
<tr><td>2 — ROUTE/Time in Transit</td><td>7 — DELETE a package</td></tr>
<tr><td>3 — RATE</td><td>8 — DELETE the shipment</td></tr>
<tr><td>4 — ADD a piece/package</td><td>9 — CONFIRM the shipment</td></tr>
<tr><td>5 — EDIT a piece/package</td><td></td></tr>
</table>

Field ID	Field length	Data type	Input\ Output	FedEx shipping		Description
Openship Index						
542	Max=9	A/N	I	FDXE FDXG	All	**Field level**: Package **Required**

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Single Shot, Openship MPS |
				Carrier code (Services)	Valid for	
				FXGE		*Required for Openship. **Description** • Openship Index field is a unique number per Openship shipment per meter. It is set to the unique number passed in the CREATE transaction. • For shipping, use Openship. *Note: Field 542 is not:* • Required if you are simultaneously performing a CREATE or ADD transaction. • Used for IPD open shipping. • Instead use Field 1355 (IOR Facility Code) with Field 24 (Ship Date) and Field 1274 (Service Type) to form a unique shipment Examples of simultaneous transactions are: YYNNNNNNN which performs a shipment level CREATE and Route/Time in Transit transaction or NYNYNNNNN which performs a package level ADD and shipment level Route/Time in Transit together in the same transaction.

3.5 Create Openshipment

Use the 020 Global Request transaction to **Create, Add, Modify, Rate, Route and Confirm** Openship shipments. To **Delete** a piece or shipment before **Confirm**, also use the 020 Global Ship Request transaction. To **Delete** a piece or shipment **after Confirm**, you must use the 023 Global Delete Request transaction.

Create the shipment by coding a transaction string that includes Field 541 (Openship Flags) set to position 1— **Create** an Openshipment (YNNNNNNNN). In your transaction string, this looks like: 541,"YNNNNNNNN".

   Note: When position 1 flag is set to N, no shipment is created.

To uniquely identify the shipment, include Field ID 542 (Openship Index) in the Openship **Create** shipment transaction. See the following table for detailed information about these fields.

Table 13: Create Openship shipment fields

Action	Field ID	Field Name	Description Transaction: 020 Global Ship Request
Use…	541	Openship Flags	• Contains a nine-digit flag that specifies the action(s) is performed on the Openship shipment. • To create an Openship shipment, set the first position of the Openship flag to Y. • For example, YNNNNNNNN.
Use…	542	Openship Index	• The Openship index number is a unique number that you create and include in the CREATE Shipment transaction. • You then use the number to identify which shipment to perform an ADD, EDIT or DELETE action against. The Openship Index value must be a unique number per Openship shipment per meter. • To distinguish an Openship shipment, Assign an Openship index number to the shipment and include Field 542 and this number in the CREATE shipment transaction and all subsequent transaction strings related to the shipment, as for example each time you add a package.

When you create an Openship shipment, send all common shipment level information in the original Openship **Create** transaction. Next, add information unique to each package with every new **Add** package Openship transaction. This method eliminates duplication of existing data and increases the processing speed of the transaction.

After you **Create** a shipment, you can **Add** one or more packages in additional transaction strings and continue to modify the shipment until you are ready to **Confirm** and ship.

3.5.1 Create Openship shipment

The Openship **Create** shipment transaction requires two fields:

- 541 — Openship flag set to position 1 (YNNNNNNNN)
- 542 — Shipment index number unique to the shipment to be created

Refer to the **Create** Openship shipment Fields table to know detail descriptions for the above two fields, 541 & 542.

3.5.2 Create Openship Print-As-You-Go shipment

Openship Print-As-You-Go (PAYG) shipping gives FedEx customers the ability to print labels as they **Create**, **Add** and **Modify** shipment pieces rather than waiting until the shipment is confirmed.

Openship Print-As-You-Go shipping is available for the following FedEx services:

- FedEx Express® — intra-U.S. (Package and Freight)
- FedEx Express C.O.D. — intra-U.S.
- FedEx Ground® — intra-U.S.
- FedEx Ground® — Intra-Canada
- FedEx Ground® Economy

*Note: Openship Print-As-You-Go (PAYG) is not available for International FedEx Express shipments. Use the 020 Global Ship Request transaction with Field 2600, as shown in the following table to enable the Print-As-You-Go (PAYG) mode for your Openship shipment. For Openship Print-As-You-Go (PAYG) shipments, you must **Confirm** the shipment on the same day as **Create**, otherwise labels will have the incorrect ship date.*

Table 14: Openship Print-As-You-Go (PAYG) fields

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description 020 Global Ship Request - Openship MPS |
				Services	Valid for	
Package Association and Print Mode						

2600	Max=2	N	I	FDXE FDXG FXGE	U.S. CA	**Field level:** Package
						 Optional
						 Description
						 • Package Association and Print Mode specifies the type of package association (1 of N, 2 of N, …) and print label mode; for example: Print-At-The-End or Print-As-You-GO (PAYGO).
						 • For shipping, use MPS or Openship
						 • MPS - Package-Association/Non-Package-Association
						 • Openship - Package-Association/Non-Package-Association and Print Mode
						 • Valid Values:
						   o 1- (default) Prints labels using package or shipment confirmation rules.
						   o 2 — Package-Association. Prints labels with shipment Confirm transaction, Print-At-The-End.
						   o 3 — Package-Association. Prints Labels with each Create/Add Piece, PAYGO.
						   o 4 — Non-Package-Association. Prints Labels with each

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description 020 Global Ship Request - Openship MPS
				Services	Valid for	
						Create/Add Piece, PAYGO. *Note: You must CONFIRM the shipment on the same date as the CREATE date unless using Field 24 (Ship Date), then it must be closed on the date specified in Field 24; otherwise, the label will have the incorrect ship date. When packages are associated, labels will be printed with sequence numbers. The number of packages (Field ID 116) in the shipment must be known when the 020 Ship Request is submitted. Altering the number of pieces in the shipment will require reprinting the entire label set with new tracking numbers.*

3.6 Route and Time-in-Transit transaction

FedEx Ship Manager® Server returns FedEx Express routing or FedEx Ground time-in-transit information in the reply of the Openship shipment in the 120 Global Ship Reply transaction.

To receive route or time-in-transit information, you must first enter the minimum required fields in a 020 Global Ship Request and enable FedEx to process the FedEx Express route or calculate the FedEx Ground transit time. For a list of minimum required fields, see the "020/120 Global Ship Request/Reply Transaction" section in the FedEx Ship Manager® Server Transaction Coding Reference Guide.

Table 15: Required fields for Openship Route or Time-in-Transit information

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description 020 Global Ship Request - Openship MPS
				Services	Valid for	
Sender FedEx Express Account Number					Transactions: 107 End-of-Day Close Reply, 020/120 Global Ship Request/Reply, 035 Child Meter Registration Request, 070 Meter Query or Configuration Request	
10	Max=9	N	I	FDXE FDXG FXGE	All	**Field level:** Shipment **Required** *Required for Returns. **Description** • Sender FedEx Express Account Number field specifies the account number assigned by FedEx that uniquely identifies the shipper. • For shipping, use Single Shot, Single Piece, Openship, or MPS. *Note: If used, the shipper Account Number must match*

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description 020 Global Ship Request - Openship MPS
				Services	Valid for	
						the Meter Account Number in the transaction.
						If the numbers do not match, the transaction processes as non-rated and FedEx sends an invoice to the shipper.
Recipient Postal Code						
17	Max=10	A/N	I	All	All	**Field level:** Shipment
						Required
						*Required for countries which use postal codes.
						Description
						• Recipient Postal Code field indicates the postal code for the city and state or province of the Recipient.
						• For FedEx international shipments: Canada (CA), Puerto Rico (PR) and U.S. must always use valid postal codes.
						• For shipping, use Single Shot, Single Piece, Openship, or MPS.
Recipient Country						
50	Max=2	A	I	All	U.S. INTL	**Field level:** Shipment
						Required*
						*Required for FedEx International Priority DirectDistribution® (IPD), FedEx International Economy DirectDistribution℠ Service (IED) and FedEx International Priority DirectDistribution® Freight (IDF) shipments.
						*Required for Openship function.
						Description
						• Recipient Country field specifies the two-character code indicating the country of the Recipient address.
						• For shipping, use Single Shot, Single Piece, Openship, or MPS.
Meter Number						
498	Min=7 Max=9	N	I	All	All	**Field level:** Shipment
						Required
						*Required if the meter number is different than the meter number configured as the default.

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description
020 Global Ship Request - Openship MPS |
				Services	Valid for	
						Default: Parent meter **Description** • Meter Number field provides the unique number assigned to the Shipper's FedEx account number that is used in each transaction. It identifies the revenue/shipping activity of a shipment. This field ensures the tracking number obtained is from the range assigned in the requesting meter. • Meter numbers can be of length up to nine digits. If one to one relationship exists between meter numbers and account numbers, the meter number or the account number is used in the transaction. *Note: Field ID 10, Account Number, can be used instead of Field ID 498, Meter Number, if there is only one meter per FedEx Express account number on the server.*
Openship Flags						
541	Max=9	A	I	For FDXE: IPD IED IDF FDXT For FDXG: IGD IGC FDXT	U.S. INTL	**Field level:** Package **Required** *Required for Openship. **Description** • Openship Flags identifies transaction functions using nine one-byte flags which are set to Y to indicate shipment level or package level flag. • Default: YNNNNNNNY (CREATE and • CONFIRM the Openship shipment.) • Specify Y in the position(s) of the Openship functions used for a given transaction. • Specify N in all other positions. All flags must be used and must be either Y or N. If you enter all Ns, all Openship functions are disabled. • Each one-byte flag is defined in sequence in the array as follows: <table><tr><td>1 — CREATE an OpenShipment</td><td>6— Edit/Add in an Openshipment</td></tr><tr><td>2 — ROUTE/Time in</td><td>7 — DELETE a Package</td></tr></table>

Field ID	Field length	Data type	Input\ Output	FedEx shipping		Description 020 Global Ship Request - Openship MPS	
				Services	Valid for		
						3 — RATE	8 — DELETE the Shipment
						4 — ADD a piece/package	9 — CONFIRM the shipment
						5 — EDIT a piece/package	
Openship Index							
542	Max=9	A	I	For FDXE: IPD IED IDF FDXT	U.S. INTL	**Field level:** Package **Required** *Required for Openship. **Description** • Openship Index field is a unique number per Openship shipment per meter. It is set to the unique number passed in the CREATE transaction. • For shipping, use Openship. *Note: Field 542 is not* • Required if you are simultaneously performing a CREATE or ADD transaction. • Used for IPD open shipping. Instead use Field 1355 (IOR Facility Code) with Field 24 (Ship Date) and • Field 1274 (Service Type) to form a unique shipment. Examples of simultaneous transactions are: • YYNNNNNNN which performs a shipment level CREATE and Route/Time in Transit transaction NYNYNNNNN which performs a package level ADD and shipment level Route/Time in Transit together in the same transaction.	
Service Type							
1274	Min=2 Max=3	N	I /O	FDXE FDXG	All	**Field level:** Shipment Required **Description** • Service Type field specifies the service type that can be used to ship the package.	

Field ID	Field length	Data type	Input\ Output	FedEx shipping		Description 020 Global Ship Request - Openship MPS
				Services	Valid for	
						• To view valid service types for Openship shipments, refer Service Types table.

3.7 Rate Openship Shipment transaction

Rates are available for an Openship shipment, use the 020 Global Ship Request transaction with the following two fields:

- 541—position 3 set to Y (NNYNNNNNN) which sets the flag to the shipment level "Rate the Shipment" function.

- 542—set to the unique number passed in the **Create** transaction.

Additionally, rating can be turned on or off, either on the Meter Settings tab or at the transaction level, to increase performance when rating is not necessary at the time of shipping. Refer to the FedEx Ship Manager® Server Installation and Configuration Guide for instructions on how to turn off rating on the Meter Settings tab. To turn rating on or off at the transaction level, use the 020 Global Ship Request transaction with the following fields.

- 2028—set to Y

Note: Even if Shiptime rates are disabled in the FSMS Configuration Utility, you can include field 1234 (Rate/Route/Time-in-Transit) with a value of 1 (Rate Quote) or 3 (Rate Quote and Route).

Table 14 lists the fields required to code a RATE request for a FedEx Openship shipment using a 020 Global Ship Request transaction.

Table 16: Required fields to Rate an Openship shipment

Field ID	Field length	Data type	Input\ Output	FedEx shipping		Description
				Services	Valid for	
Openship Flags						
541	Max=9	A	I	FDXE FDXG FXGE	All	**Field level**: Package **Required** *Required for Openship. **Description** • Openship Flags identifies transaction functions using nine one-byte flags which are set to Y to indicate shipment level or package level flag. • Default: YNNNNNNNY (CREATE and CONFIRM the Openship shipment.)

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description
				Services	Valid for	
						• Specify Y in the position(s) of the • Openship functions used for a given transaction. Specify N in all other positions. All flags must be used and must be either Y or N. If you enter all Ns, all Openship functions are disabled. • Each one-byte flag is defined in sequence in the array as follows: <table><tr><td>1 — CREATE an Openshipment</td><td>6 — EDIT/ADD data to the entire shipment</td></tr><tr><td>2 — ROUTE/Time in Transit</td><td>7 — DELETE a package</td></tr><tr><td>3 — RATE</td><td>8 — DELETE the shipment</td></tr><tr><td>4 — ADD a piece/package</td><td>9 — CONFIRM the shipment</td></tr><tr><td>5 — EDIT a piece/package</td><td></td></tr></table>
Openship Index						
542	Max=9	A/N	I	FDXE FDXG FXGE	All	**Field level:** Package **Required** *Required for Openship. **Description** • Openship Index field is a unique number per Openship shipment per meter. It is set to the unique number passed in the CREATE transaction. • For shipping, use Openship. *Note: Field 542 is not:* • Required if you are simultaneously performing a CREATE or ADD transaction. • Used for IPD open shipping. Instead use • Field 1355 (IOR Facility Code) with Field 24

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description
				Services	**Valid for**	
						• (Ship Date) and Field 1274 (Service Type) to
						• form a unique shipment
						Examples of simultaneous transactions are: YYNNNNNNN which performs a shipment level CREATE and Route/Time in Transit transaction or NYNYNNNNN which performs
						a package level ADD and shipment level Route/Time in Transit together in the same transaction.
Rate/Route/Time-in-Transit Flag				Transactions: 020 Global Ship Request, 025 Rate All Services Request		
1234	Max=1	N	I	FDXE FDXG FXGE	All	**Field level:**
						• Shipment for single transactions.
						• Package for 020/120 Global Ship Request/Reply Openship transactions.
						Optional
						Description
						• Rate/Route/Time-In-Transit Flag field indicates the Rate/Route/Time-in-Transit flag.
						• Route is for FedEx Express and Time-in-Transit is for FedEx Ground.
						• Valid values are:
						○ 1 — Rate Quote
						○ 2 — Route/Time in Transit
						○ 3 — Rate Quote and Route
						• *CA and U.S. origins can rate; all origins can route.
						• Valid FedEx Ground® Economy values are:
						○ 1 — Rate Quote
						○ 3 — Rate Quote and Route
						• Passing this field in a transaction returns a rate quote only, and the shipment is not processed for

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description
				Services	**Valid for**	
						shipping.
						• To ship a package after a rate/route request, code this field in a new *020 Request* transaction with no value: 1234,""
						• For shipping, use Single Shot, Single Piece, Openship, or MPS.
						• For Openship shipments, capture rate quotes by setting position 3 to Field 541 (Openship Flags) to Y.
						Note: Do not use this field with field 184. Use one or the other, but not both in the same transaction.
No Ship-time Rates						

2028	Min=1 Max=1	A	I/O	FDXE FDXG FXGE FXFR	All	**Field level**: Shipment
						Optional
						Description
						• This field ID takes precedence over the No Ship-time Rates checkbox on the Meter Settings tab in the FSMS Configuration Utility.
						• This field is used to indicate if rates are implied during shipment.
						• Valid values are:
						  o Y— Yes (No rates returned)
						  o N — No (Rates will be returned)
						Note: In a transaction, this Field ID takes precedence over the Rating Options setting on the Meter Settings tab.

Rate Quote Type				Transactions: 020 Global Ship Request, 025 Rate All Services Request		
3062	Max=1	N	I	FDXE FDXG	All	**Field level:** • Shipment for single transactions • Package for *020/120 Global Ship Request/Reply* Openship transactions **Optional** **Description**

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description
				Services	Valid for	
						- Rate Quote Type field indicates the type of rates returned in the120 Global Ship Reply transaction 1 - Account Specific Rates only (default) 2 - Standard List Rates and Account Specific Rates 3 - No Shiptime Rates 4 - Account Specific Rate, Standard List Rate and Alternate Rate 5 - Account Specific Rate and Alternate Rate 6 - Standard List only - For shipping, use Single Shot, Single Piece, Openship, or MPS.

3.7.1 Rating conflicts on Meter Settings tab versus transactions

When attempting to ship through the 020 Global Ship Request transaction and Field 3062 (Rate Quote Type) is set to a value of either 1 (Discount Rates Only) or 2 (List Rates and Discount Rates), but the Meter Settings tab has the No Shiptime Rates checkbox selected, then Error Message 2733 is returned in the field 559, "Rating has been disabled in the FedEx Configuration Utility" is returned, and the transaction fails to return a rate but ships successfully.

When attempting to rate all services using the 025 Rate Available Request transaction and Field 3062 (Rate Quote Type) is set to value 3 (No Shiptime Rates), then Error Message 2733, "Rating has been disabled in the FedEx Configuration Utility" is returned, and rates are not returned in the transaction.

3.8 Add piece transaction

FedEx Ship Manager® Server (FSMS) first creates a master Openship shipment and then allows you to add pieces (aka packages) to the "open" shipment.

You must add the first package to the shipment in the initial 020 Global Ship Request transaction when you **Create** the Openship shipment, and you can add additional pieces in a separate **Add** piece 020 transaction. You can send a separate **Add** piece transaction for each of your packages as you prepare your shipment throughout the day. You can send in multiple pieces within the **Add** transaction provided the total number of packages for the shipment does not exceed the Openshipping package limit.

You receive the labels during the ConfirmOpenShipment transaction.

To **Add** a piece (aka package) to an Openship shipment in a 020 Global Ship Request transaction, use the fields described in the table. See the following table for a list of fields you can include.

For Openship Print-As-You-Go (PAYG) shipments, you must **Confirm** the shipment on the same day as **Create**, otherwise labels display the incorrect ship date.

Table 17: Required fields to Add package to Openship shipment Request

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description |
				Services	Valid for	Transaction: 020 Global Ship Request - Openship MPS
Recipient Country						
50	Max = 2	A	I	FDXE FDXG FXGE	U.S. INTL	Field level: Shipment **Required** *Required for FedEx International Priority DirectDistribution® (IPD), FedEx International Economy DirectDistribution℠ Service (IED) and FedEx International Priority DirectDistribution® Freight (IDF) shipments. *Required for Openship function. **Description** • Recipient Country field specifies the two-character code indicating the country of the Recipient address. • For shipping, use Single Shot, Single Piece, Openship, or MPS.
Openship Flags						
541	Max=9	A	I	FDXE FDXG FXGE	All	**Field level:** Package **Required** *Required for Openship. **Description** • Openship Flags identifies transaction functions using nine one-byte flags which are set to Y to indicate shipment level or package level flag. • Default: YNNNNNNNY (CREATE and CONFIRM the Openship shipment.) • Specify Y in the position(s) of the Openship functions used for a given transaction. Specify N in all other positions. All flags must be used and must be either Y or N. If you enter all Ns, all Openship functions are

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description |
				Services	Valid for	Transaction: 020 Global Ship Request - Openship MPS
						disabled.
						• Each one-byte flag is defined in sequence in the array as follows:

1 — CREATE an Openshipment	6 — EDIT/ADD data to the entire shipment
2 — ROUTE/Time in Transit	7 — DELETE a package
3 — RATE	8 — DELETE the shipment
4 — ADD a piece/package	9 — CONFIRM the shipment
5 — EDIT a piece/package	

Openship Index

Field ID	Field length	Data type	Input\Output	Services	Valid for	Description
542	Max=9	A/N	I	FDXE FDXG FXGE	All	**Field level:** Package **Required** *Required for Openship. **Description** • Openship Index field is a unique number per Openship shipment per meter. It is set to the unique number passed in the CREATE transaction. • For shipping, use Openship. *Note: Field 542 is not:* • Required if you are simultaneously performing a CREATE or ADD transaction. • Used for IPD open shipping. Instead use Field • 1355 (IOR Facility Code) with Field 24 (Ship Date) • and Field 1274 (Service Type) to form a unique shipment Examples of simultaneous transactions are: YYNNNNNNN which performs a shipment level CREATE and Route/Time in Transit transaction or NYNYNNNNN which performs a package level

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Openship MPS |
				Services	Valid for	
						ADD and shipment level Route/Time in Transit together in the same transaction.
Packaging Type						

1273 -#	Max=2	N	I	FDXE FDXG FXGE	All	**Field level:** Shipment
						Required
						Description
						
						• Packaging Type field specifies the type of packaging that the user can opt for.
						• For FedEx Express (U.S. and international) only:
						  o 01 — Customer Packaging
						  o 02 — FedEx Packaging, Express only
						  o 03 —FedEx Box
						  o 04 — FedEx Tube
						  o 06 — FedEx Envelope
						• For FedEx International only (including U.S. Export)
						  o 15 — FedEx 10 KG Box
						  o 25 — FedEx 25 KG Box
						• For FedEx Ground and FedEx Ground® Economy:
						  o 01 — Customer packaging
						• For shipping, use Single Shot, Single Piece, Openship, or MPS.

Service Type						
1274	Min=2 Max=3	N	I /O	FDXE FDXG	All	**Field level:** Shipment **Required** **Description** Service Type field specifies the service type that can be used to ship the package. To view valid service types for Openship shipments, refer Service Types table.

Package weight

If you are shipping FedEx Express® or FedEx Ground intra-U.S. packages, you are also required to pass Field 1670 (Fractional Package Weight) in a transaction before you send the **Confirm** transaction.

Table 18: Fractional package weight field - required before Confirm

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Services	Valid for	
Fractional Package Weight						
1670-#	Max=8.2	N	I/O	FDXE FDXG FXGE	All	**Field level:** Shipment **Required** • If Field 1493 is Y. • For U.S. shipping, including FedEx Ground hazardous materials shipments to specify individual package weights. • To receive rate quotes. Only one occurrence of Field ID 1670 may be included in the 025 Rate Available Services Request transaction. • For LBS only when shipping FedEx Ground® Economy. **Description** • Fractional Package Weight field indicates the weight of the package/shipment • Maximum FedEx Express (non-Freight) and FedEx Ground weights — 150 lbs. • The correct format is 15000 because there are two implied decimals. • Maximum FedEx Home Delivery weight — 150 lbs. The correct format is 15000 because there are two implied decimals. • Maximum FedEx Ground® Economy weight — 70 lbs. The correct format is 7000 because there are two implied decimals. *Note:* • For FDXG, enter 1670-1, 1670-2, 1670-3, FSMS counts the packages and states 3 for Package • Total.

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description |
				Services	Valid for	
						• For FDXE and FXGE, you can enter the total shipment weight rather than the individual • package weights. If you enter the total shipment weight, you must also use Field 116 (Package Total) to indicate the total number of packages in the shipment • When Merchant Shipper submits an 020 • transaction or an 037 transaction for Multiple • Email Return Labels for Domestic, International or Non-U.S. Domestic and wants to provide any of the following, this information must be entered at the package level. • Declared Value/Carriage Value (AKA: Insured Value, Tag 69) • Dimensions (Tags 57 - Height; 58 - Width; & 59 - Length) • Weight (Tag 1670) *If any shipment level information is provided, it will be ignored and not uploaded.*

3.8.1 Add package to Openship Print-As-You-Go shipment

To add a package to an intra-U.S. FedEx Express or FedEx Ground shipment that has the Openship Print-As-You-Go (PAYG) option enabled, use the 020 Global Ship Request transaction and include this required field: 541—position 4 set to Y (NNNYNNNNN) which sets the flag to the package level "Add a Package" function.

> Note: Field 2600 is not required because it is a shipment level field that identifies the package association and Print-As-You-Go (PAYG) option.

3.8.2 Add piece - shipment and package level fields

When you ADD the first package to an Openship shipment, the fields that you pass in the initial ADD transaction may be applied to all subsequent packages you add to the shipment.

Other fields are applied at the package level and can be different for each package you ADD or MODIFY in an Openship shipment. The below table lists fields that can differ from the shipment's initial package.

Table 19: Package level fields for Add package to Openship shipment

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description Transaction: 020 Global Ship Request - Openship MPS
				Carrier Code (Services)	Valid for	
Reference Information/Package Customer Reference Number						
25-#	Max=39	A/N	I	ALL	U.S. INTL	**Field level:** Package for all services except for FedEx Express International MPS which is shipment level. **Optional** **Description** • Reference Information/Package Customer Reference Number field specifies the optional notes (FedEx Express) and customer reference number CRN (FedEx Ground) that are used to identify the package. • For all other services, this field is a package-level field and must not be used if a shipment-level customer reference number (CRN) has been assigned in Field 3003 (Shipment Customer Reference Information). • • This field prints the reference information on the FedEx Express shipping label, various reports, and the FedEx Express Shipper's Declaration for Dangerous Goods form (FedEx Express 1421C or LZR DG DEC FORM). This value also is displayed in the Customer Reference field on the FedEx Ground invoice. • For shipping, use Single Shot, Single Piece, Openship, or MPS. *Note: All package or shipment level FedEx Ground Reference fields are available for use for shipments: package level 3056, 3057, and 25, or shipment level 3001, 3002, and 3003. If both are present in the transaction, shipment level fields take precedence. FedEx Ground® Economy does not support shipment level fields.*
C.O.D. Flag						

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Openship MPS |
				Carrier Code (Services)	Valid for	

27-#	Max=1	A	I	FDXE FDXG	U.S. C.O.D. only	**Field level:** Shipment level for FedEx Express and FedEx Freight; Package level for FedEx Ground
						
						Required
						
						*Required for FedEx® Collect on Delivery (C.O.D.).
						
						Description
						
						• C.O.D. Flag field when set to Y, indicates that a package or shipment is being shipped Collect on Delivery (C.O.D.), and "C.O.D." prints in the box beside the recipient name on the Bill of Landing. This field is a multiple-occurrence field.
						
						• Valid values are:
						  o Y — Package is C.O.D. at the shipment level for FedEx Express and FedEx Freight and at the package level for FedEx Ground.
						  o N — Package is NOT sent C.O.D.
						  o (default)
						  o S — Package is sent C.O.D. at the Shipment level for FedEx Ground.

C.O.D. Collect Amount						
53-#	Max=10.2	N	I	FDXE FDXG	Freight U.S.	**Field level:** Shipment level for FedEx Express®; Package level for FedEx Ground® **Required** **Description** • C.O.D. Collect Amount field specifies the payment amount that must be collected upon delivery of the FedEx® Collect on Delivery (C.O.D.) package. • Maximum of $25,000 for FedEx Ground if guaranteed funds and maximum of $750 if cash.

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description Transaction: 020 Global Ship Request - Openship MPS
				Carrier Code (Services)	Valid for	
						• Multiple-occurrence field. • Required if Field 27 (C.O.D Flag) is set to Y.
Package Height						
57-#	Max=3	N	I	FDXE FDXG	All	**Field level:** Package **Required*** **Description** • Package Height field specifies the height measurement per package. • No implied decimal places. • Ensures accurate billing for customer packaging because in this type of packaging, dimensional weighting or oversize conditions is applied. • For FedEx Ground® Economy: field is optional; always enter in inches. • Minimum dimensions are 6" L x 4" W x 1"H. • Maximum FedEx Ground® Economy height is 17". *Note: Ground supports same dimensions* • *Refer to* [FedEx Service Guide](#) *for service details related to DIM Weighting for FedEx Express and oversize conditions for FedEx Express and FedEx Ground.* • For shipping, use Single Shot, Single Piece, Openship, or MPS. *Note: FSMS does not sort dimensions. For correct dimensional weight calculations, the longest dimension must be placed in Field 59 (Package Length).*
Package Width						
58	Max=3	N	I	FDXE FDXG FXGE	All	**Field level:** Package **Required or Optional** *Required for shipping FedEx Express

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Openship MPS |
				Carrier Code (Services)	Valid for	

						Freight. **Description**
						
						 • Package Width field indicates the width measurement per package.
						
						 • No implied decimal places.
						
						 • Ensures accurate billing for customer packaging because in this type of packaging, dimensional weighting or oversize conditions is applied.
						
						 • For FedEx Ground® Economy:
						
						  o Field is optional
						
						  o Always enter in inches.
						
						  o Minimum dimensions are 6" L x 4" W x 1" H.
						
						 Note: FedEx Ground supports same dimensions.
						
						 • For shipping, use Single Shot, Single Piece, Openship, or MPS.
						
						 Note: FSMS does not sort dimensions. For correct dimensional weight calculations, the longest dimension must be placed in Field 59 (Package Length).

Package Length						
59-#	ax=3	N	I	FDXE FDXG FXGE	All	**Field level:** Package **Required or Optional** *Required for shipping FedEx Express Freight. **Description** • Package Length field indicates the length of the package. • No implied decimal places. • Ensures accurate billing for customer packaging because in this type of packaging, dimensional weighting or oversize conditions will be applied.

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Openship MPS |
				Carrier Code (Services)	Valid for	
						• For FedEx Ground® Economy: field is optional; always enter in inches Minimum dimensions are 6" L x 4" W x 1"H. • For shipping, use Single Shot, Single Piece, Openship, or MPS. *Note: FSMS does not sort dimensions. For correct dimensional weight calculations, the longest dimension must be placed in Field 59 (Package Length).*
Declared Value/Carriage Value						
69-#	Max=14.2	N	I	FDXE FDXG FXFR	All	**Field level:** Shipment for FedEx Express International shipments, Package FedEx Express - U.S., FedEx Ground and FedEx Express intra-CA shipments. **Required** *Required for all U.S. shipments that are insured with FedEx. **Description** • Declared Value /Carriage Value field specifies the total dollar amount declared or carriage value of the shipment. • This field supports the 14.2 numeric format and has two implied decimal places. • The values of this field must contain only numeric characters and no special characters such as ",", ".", or "$". • For shipping, use Single Shot, Single Piece, Openship, or MPS. • If the Declared Value per Unit is in the wrong currency, FSMS returns Error Message 2458, 'Declared Value per Unit in Freight Shipment Detail - Invalid Currency." • If the Declared Value per Unit is the wrong amount, FSMS returns Error

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Openship MPS |
				Carrier Code (Services)	Valid for	
						Message 2459, 'Declared Value per Unit in Freight Shipment Detail - Invalid Amount.' *Note:* • *All currency fields for FedEx Express Freight must be in USD. When used to create/print a Bill of Lading (BOL) for FedEx Express* • *Freight, the declared value cannot exceed $100,000 USD. Carriage Value cannot exceed the Customs Value.* • *If you need to use a 14.2 numeric format, use Field 69.* • *Refer the [FedEx Service Guide](#) for allowed limits. Carriage value per package.*
Dangerous Goods/Hazmat Flag						
331-#	Max=1	A	I	FDXG FDXE	All	Field level: Shipment Required *Required if shipping HazMat. **Description** • Dangerous Goods/Hazmat Flag field indicates that hazardous materials (HazMat) are contained in the shipment. • It is set to Q to indicate that the shipment contains EPRRQ commodity. • When 020 with Return Shipment Indicator (tag 2382) is set to 3 or 037 transaction is used for International or non-U.S. Domestic Email Return Label and merchant sender wants to ship Dangerous Goods, the only field that is required is the Dangerous Goods/HazMat flag (tag 1331). • Valid values are: o Q — Excepted Package Radioactive Reportable Quantity (EPRRQ)

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Openship MPS |
				Carrier Code (Services)	Valid for	
						o Y — Shipment contains Dangerous Goods/HazMat o N — Shipment contains no HazMat *Note:* • *If a shipper supplies additional DG data, the accessibility can be derived in the event a 'Y' is supplied for Email Return Labels.* • *Values are not case-sensitive; "Q" and "q" both indicate EPRRQ.* • *For hazardous materials, use this Field only in Single Piece transactions.*
Fractional Package Weight						
1670-#	Max=8.2	N	I/O	FDXE FDXG FXGE	All	**Field level:** Shipment **Required** Required: • If Field 1493 is Y. • For U.S. shipping, including FedEx Ground hazardous materials shipments to specify individual package weights. • To receive rate quotes. Only one occurrence of Field ID 1670 may be included in the 025 Rate Available Services Request transaction. • For LBS only when shipping FedEx Ground® Economy. **Description** • Fractional Package Weight field indicates the weight of the package/shipment • Maximum FedEx Express (non-Freight) and FedEx Ground weights — 150 lbs. • The correct format is 15000 because there are two implied decimals. • Maximum FedEx Home Delivery

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Openship MPS |
				Carrier Code (Services)	Valid for	
						weight — 150 lbs. The correct format is 15000 because there are two implied decimals.
						• Maximum FedEx Ground® Economy weight — 70 lbs. The correct format is 7000 because there are two implied decimals.
						Note:
						• For FDXG, enter 1670-1, 1670-2, 1670-3, FSMS counts the packages and states 3 for Package Total.
						• For FDXE and FXGE, you can enter the total shipment weight rather than the individual package weights. If you enter the total shipment weight, you must also use Field 116 (Package Total) to indicate the total number of packages in the shipment. When Merchant Shipper submits an 020 transaction or an 037 transaction for Multiple Email Return Labels for Domestic, International or Non-U.S. Domestic and wants to provide any of the following, this information must be entered at the package level.
						• Declared Value/Carriage Value (AKA: Insured Value, Tag 69)
						• Dimensions (Tags 57 - Height; 58 - Width; & 59 - Length)
						• Weight (Tag 1670) - If any shipment level information is provided, it will be ignored and not uploaded.
Dry Ice Weight						
1684-#	Max=10.2	N	I	FDXE FDXG	U.S. INTL	**Field level:** Package **Required** *Required if shipment contains Dry Ice. **Description** • Dry Ice Weight field specifies Dry Ice

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Openship MPS |
				Carrier Code (Services)	Valid for	
						weight in the same unit of measure as the package weight (LBS or KGS).
						• This field includes two implied decimal places regardless of weight type. *Note:* *Dry Ice Weight must be identical for International and Non-U.S. Domestic Multiple Return Requests.* *To successfully process MPS containing Dry Ice, the shipment should not exceed individual piece weight and weight of child piece should not be ≥ 200 kg (i.e., tag 16).*
Package Association and Print Mode						
2600	Max=2	N	I	FDXE FDXG FXGE	U.S.	**Field level:** Package **Optional** **Description** • Package Association and Print Mode specifies the type of package association (1 of N, 2 of N, …) and print label mode; for example: Print-At-The-End or Print-As-You-GO (PAYGO). • For shipping, use MPS or Openship • MPS - Package-Association/Non-Package-Association • Openship - Package-Association/Non-Package-Association and Print Mode • Valid Values: ○ 1- (default) Prints labels using package or shipment confirmation rules. ○ 2 — Package-Association. Prints labels with shipment Confirm transaction, Print-At-The-End. ○ 3 — Package-Association.

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Openship MPS |
				Carrier Code (Services)	Valid for	
						Prints Labels with each Create/Add Piece, PAYGO.
						o 4 — Non-Package-Association. Prints Labels with each Create/Add Piece, PAYGO.
						Note: You must CONFIRM the shipment on the same date as the CREATE date unless using Field 24 (Ship Date), then it must be closed on the date specified in Field 24; otherwise, the label will have the incorrect ship date. When packages are associated, labels will be printed with sequence numbers. The number of packages (Field ID 116) in the shipment must be known when the 020 Ship Request is submitted. Altering the number of pieces in the shipment will require reprinting the entire label set with new tracking numbers.
E.C.O.D. Flag						
3014-#	Max=1	A	I	FDXE FDXG		**Field level:** Package **Required*** **Description** • When set to Y, indicates that a package is being shipped Electronic Collect on Delivery (E.C.O.D.). Multiple-occurrence field. • *Required for Electronic Collect on Delivery service for FedEx Ground. • Valid values are: o N — Package is NOT sent E.C.O.D. (default) o Y — Package is sent E.C.O.D. at the shipment level for FedEx Express and at the package level for FedEx Ground. o S — Package is sent E.C.O.D. at the shipment level for FedEx Ground.

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Openship MPS |
				Carrier Code (Services)	Valid for	
						Note: FSMS defaults to C.O.D. To enable E.C.O.D. you must check the E.C.O.D. checkbox on the Meter Settings tab of the FSMS Configuration Utility.
Nonstandard Container Flag						

3018	Max=1	N	I	FDXG FXGE	All	**Field level:** Package
						Optional
						Descriptions
						
						• Non-standard packaging is defined as a container that is >62" on any one side.
						
						• Non-standard Container Flag field specifies if non-standard packaging is used in the shipment.
						
						• Applicable for Non-U.S. Origin International and Non-U.S. Domestic Intra-country Express shipments.
						
						• Valid Values:
						    o Y-if non-standard packaging is used.
						    o N-if non-standard packaging is not used.
						    o Default: N
						
						Note: Non-standard Container Flag is set to Y when it is sent in a transaction.

GND Package Level Purchase Order Number						
3056-#	Max=30	AKE	I	FDXG FXGE FXFR FDXE	U.S. CA INTL MX PR	**Field level:** Package **Optional** **Descriptions** • When used to create or print a Bill of Lading (BOL), this prints in the Purchase Order # section of the BOL. Each additional BOL order number prints directly below each article description. • Field 3056 is the only field that supplies the full set for the BOL.

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Openship MPS |
				Carrier Code (Services)	Valid for	
						• For intra-country FedEx Ground and International: this field prints the GND Package Level Purchase Order Number to a thermal label. • For intra-U.S. and intra-CA, this is displayed on the FedEx Express laser and image labels. It is displayed in the Ref. #2 field on the FedEx Express invoice and P.O. # field on the FedEx Ground invoice. • For shipping, use Single Shot, Single Piece, Openship, or MPS. *Note: All package or shipment level FedEx Ground Reference fields are available for use for shipments: package level 3056, 3057, and 25, or shipment level 3001, 3002, and 3003. If both are present in the transaction, shipment level fields take precedence. FedEx Ground® Economy does not support shipment level fields.*
Package Invoice Number						
3057-#	Max=30	A/N	I	FDXE FDXG FXGE	U.S. CA INTL	**Field level:** Package **Optional** **Description** • Package Invoice Number field allows to print the package invoice number on the thermal label. • For intra-U.S. and intra-CA, this is displayed on the FedEx Express laser and image labels. It is displayed in the Ref. #3 field on the FedEx Express invoice. • For shipping, use Single Shot, Single Piece, Openship, or MPS. *Note: All package or shipment level FedEx Ground Reference fields are available for use for shipments: package level 3056, 3057, and 25, or shipment level 3001, 3002, and 3003. If both are present in the transaction, shipment level fields take precedence. FedEx Ground® Economy does*

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description Transaction: 020 Global Ship Request - Openship MPS
				Carrier Code (Services)	Valid for	
						not support shipment level fields.
FedEx Ground Oversize Indicator						

3124	Max=1	N	I/O	FDXG FXGE	U.S. CA	**Field level:** Package
						 Optional
						 • Indicates if a FedEx Ground or FedEx Home Delivery package meets an oversize condition.
						 • FedEx Ground package oversize values are:
						    o 1 — OS I - if length+girth is > 84" and < 109" and weight is > 30 lbs.
						    o 2 — OS II - if length+girth is > 108" and < 131" and weight is < 50 lbs.
						    o 3 — OS III - if length+girth is > 108" and < 131" and weight is < 50 lbs.
						    o 4 — Balloon Package - if length+girth is > 84" but £ to 108" and weight is < 20 lbs.
						 • FedEx Home Delivery package oversize values are:
						    o 1 — OS I - if length+girth is > 84" and < 109" and weight is < 30 lbs.
						    o 2 — OS II- if length+girth is > 108" and < 131" and weight is < 50 lbs.
						    o 3 — OS III - if length+girth is > 130" and < 166" and weight is ≥ 90 lbs.
						 • If you enter dimensions or dimensional criteria that meet

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Openship MPS |
				Carrier Code (Services)	Valid for	
						oversize guidelines, FSMS sets this value automatically. *Note: A $30 surcharge will be applied to packages that meet the OS 3 requirements. This surcharge is currently not supplied in the rate quote. To apply this surcharge code to your application, add the surcharge when this field returns a value of 3 in the 120 Global Ship Reply transaction.* • For shipping, use Single Shot, Single Piece, Openship, or MPS.

3.8.3 Returned add piece fields

The 120 Global Ship Reply to an Openship Add package transaction includes the tracking number of the newly added package.

Table 20: Global Ship Reply to an Openship Add package transaction

| Field ID | Field length | Data type | Input\ Output | FedEx shipping | | Description Transaction: 120 Global Ship Request - Openship MPS |
				Carrier Code (Services)	Valid for	
Tracking Number						
29	Min=12 Max=25	A	I/O	FXGE	All	**Field level**: Shipment and Package **Required** • *Required for tracking number of the package or piece in a multiple-piece shipment (MPS). **Description** Tracking number field is the unique number of the package or piece in a multiple-piece shipment (MPS) which can be used for tracking the whereabouts of the shipment

Note: The above table is not a complete list of fields that can be returned.

3.9 Modify piece transaction

To modify information about a package in an Openship shipment, including the Masterpiece, which is

the first package added, you must include the fields listed in the following table in a 020 Global Ship Request transaction.

Table 21: EDIT Piece Openship fields

Action	Field ID	Field Name	Description Transaction: 020 Global Ship Request
Use…	Field 541	Openship Flags	Contains a nine-digit flag that specifies the action(s) to be performed on the Openship shipment. To edit a piece in a shipment, set position 5 to Y (NNNNYNNNN) which sets the flag at the package level to the MODIFY package function.
Use…	Field 542	Openship Index	The Openship index number is a unique number that you specify in the CREATE shipment transaction. You then use the number to identify which shipment to perform the MODIFY action against. The Openship Index value must be a unique number per Openship shipment per meter. To distinguish an Openship shipment, Include the Openship index number that you assigned to the shipment when you created it.
Use…	Field 29	Tracking Number	Tracking number of the package or piece in a multiple-piece shipment (MPS). *Required with Field 541 to identify the package to Add, Modify or Delete. To specify tracking number for the piece, Enter the package tracking number to ensure the correct piece gets edited in the Openship shipment.

Note: Editing an Openship PAYG shipment results in different label printing and tracking behaviors.

3.9.1 Modify piece fields

Table 20 lists the minimum fields required to Modify a package that has been added to an Openship shipment using the 020 Global Ship Request transaction.

Table 22: Required fields to modify an Openship package

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
Sender FedEx Express Account Number				Transactions: 107 End-of-Day Close Reply, 020/120 Global Ship Request/Reply, 035 Child Meter Registration Request, 070 Meter Query or Configuration Request		
10	Max=9	N	I	FDXE	All	**Field level:** Shipment

Field ID	Field length	Data type	Input/	FedEx shipping		Description
				FDXG FXGE		**Required** *Required for Returns. **Description** - Sender FedEx Express Account Number field is the account number assigned by FedEx that uniquely identifies the shipper. - For shipping, use Single Shot, Single Piece, Openship, or MPS. *Note: If used, the shipper Account Number must match the Meter Account Number in the transaction. If the numbers do not match, the transaction processes as non-rated and FedEx sends an invoice to the shipper.*
Tracking Number						
29	Min=12 Max=25	A	I/O	FXGE	All	Field level: Shipment and Package **Required** *Required for tracking number of the package or piece in a multiple-piece shipment (MPS). **Description** Tracking number field is the unique number of the package or piece in a multiple-piece shipment (MPS) which can be used for tracking the whereabouts of the shipment.
Meter Number						
498	Max=9	N	I	FDXE* FDXG FXGE *includes C.O.D.	All	Field level: Shipment **Required* or Defaulted** **Description** - Unique number assigned to a FedEx shipping account, which is used in each transaction to identify the revenue/shipping activity of a shipment. This field ensures the tracking number obtained is from the range assigned in the requesting meter. - Default: Parent meter number. *Required if the meter number is different than the meter number

Field ID	Field length	Data type	Input/	FedEx shipping		Description
						configured as the default.
						• For reprinting reports.
						Note: Field ID 10, Account Number, may be used instead of Field ID 498, Meter Number, if there is only one meter per FedEx Express account number on the server.
						• For shipping, use Single Shot, Single Piece, Openship, or MPS.
						• Meter numbers may be any length up to nine-digits.
Openship Flags						
541	Max=9	A	I	FDXE FDXG FXGE	All	**Required***
						• Identifies transaction functions using nine one-byte flags which are set to Y to indicate shipment level or package level flag.
						• *Required for Open Ship.
						• Specify Y in the position(s) of the Open Ship functions used for a given transaction. Specify N in all other positions. All flags must be used and must be either Y or N. If you enter all Ns, all Open Ship functions are disabled.
						• Default: YNNNNNNNY (CREATE and CONFIRM the Open Ship shipment.)
						• Each one-byte flag is defined in sequence in the following array: ○ 1 — CREATE an Open Shipment ○ 2 — ROUTE/Time in Transit ○ 3 — RATE ○ 4 — ADD a piece/package ○ 5 — EDIT a piece/package ○ 6 — EDIT/ADD data to the entire shipment ○ 7 — DELETE a package ○ 8 — DELETE the shipment ○ 9 — CONFIRM the shipment

Field ID	Field length	Data type	Input/	FedEx shipping		Description
Openship Index						
542	Max=9	N	I	FDXE FDXG FXGE includes C.O.D.	All	**All Required for Openship** **Description** • Set to the unique number passed in the CREATE transaction. The value is a unique number per Openship shipment per meter and represents the Openship Index. *Note: Field 542 is not required if you are simultaneously performing a CREATE and CONFIRM transaction (YNNNNNNNY).* • Examples of simultaneous transactions are: YYNNNNNNN which performs a shipment level CREATE and Route/Time in Transit transaction, or NYNYNNNNN which performs a package level ADD and shipment level Route. *Note: However, Field 542 is not used for IPD Openshipping. Instead use Field 1355 (IOR Facility Code) with Field 24 (Ship Date) and Field 1274 (Service Type) to form a unique shipment.*

FedEx Express print as you go - editing an Openship Piece

For FedEx Express U.S. C.O.D. PAYG pieces, you can modify a piece, also called a package, in an Openship shipment prior to a CONFIRM transaction. To do this, you must set Field 541 to Y in the 6th position (NNNNNYNNN), which sets the flag to the shipment level MODIFY function. FedEx Ship Manager® Server prints new labels for all pieces that you modify in this way and preserves the tracking numbers. Printed labels use the Label Type and Printer ID assigned to the Masterpiece, which is the original CREATE, ADD or MODIFY piece. Label fields are required if the label needs to be printed again. If the label fields are omitted, then the FSMS database is updated, but a new label is not produced.

About FedEx Express Cash on Delivery print ss you go sequence and Tracking Numbers

When you modify or delete a FedEx Express U.S. C.O.D. PAYG shipment prior to a CONFIRM shipment, the120 Global Ship Reply transaction returns a new Master tracking number in Field1123 (Master Tracking Number), and a package level tracking number in multiple occurrence in Field 29. Field 116 (Package Total) returns the total number of pieces in the shipment.

Note: All new labels are generated with new sequence numbers for any associated shipment, not only C.O.D. The new sequence numbers reflect the new sequence position of the package. For example, the 5th package added out of a total of 5 pieces in a shipment is given the new sequence number 5-5, indicating it is the 5th of a total of 5 packages. If package association is used, a complete label set must be reproduced if the total number of packages changes.

3.10 Modify Openship Shipment transaction

Use the 020 Global Ship Request transaction with the following two fields to EDIT shipment level data for an Openship shipment:

- 541—Position 6 set to Y (NNNNNYNNN), which sets the flag to the shipment level "Edit the Shipment" function.

- 542—Set to the unique number passed in the CREATE transaction.

When you CREATE an Openship shipment, send all common shipment level information in the original Openship CREATE transaction. Add information unique to each package with every new ADD package Openship transaction. This method eliminates duplication of existing data and increases the processing speed of the transaction.

3.11 Delete piece transaction

There are two ways to delete one or more packages from an Openship shipment:

- Delete the piece before you CONFIRM using the 020 Global Ship Request transaction.

- Delete the piece after you CONFIRM using the 023 Global Delete Request transaction.

  Note: For all Openship PAYG shipments, you cannot modify a piece or modify a shipment after a CONFIRM transaction.

3.11.1 Delete piece - prior to confirm

Use the 020 Global Ship Request transaction with the following fields to specify deletion of a package from an Openship shipment prior to sending a CONFIRM transaction:

- 541—position 7 set to Y (NNNNNNYNN) which sets the flag to the package level DELETE piece function.

- 542—set to the unique number passed in the Openship Create transaction.

- 29—enter the tracking number of the package to delete.

- 1274—specify the code for the FedEx Service you plan to use to ship.

Table 23: Delete piece before Confirm

Action	Field ID	Field Name	Description Transaction: 020 Global Ship Request
Use…	Field 541	Openship Flags	• Contains a nine-digit flag that specifies the action(s) is to be performed on the Openship shipment. • To DELETE a piece from a shipment, Set the 7th position of the Openship flag to Y. • For example, NNNNNNYNN sets the flag to the package-level DELETE piece function.
Use…	Field 542	Openship Index	• The Openship index number is a unique number that you specify in the CREATE Shipment transaction. You then use the number to identify which shipment to perform the DELETE action against. The Openship Index value must be a unique number per

Action	Field ID	Field Name	Description Transaction: 020 Global Ship Request
			Openship shipment per meter. • To identify a specific Openship shipment, Include the Openship index number that you assigned to the shipment when you created it. You must include this number to ensure that the package is deleted from the correct shipment.
Use…	Field 29	Tracking Number	• Tracking number of the package or piece in a multiple-piece shipment (MPS). • Required with Field 541 to identify the package to ADD, EDIT or DELETE. • To specify tracking number for the piece, Enter the package tracking number to ensure the correct piece gets deleted from the Openship shipment.
Use…	Field 1274	Service Type	• Service type provided by the shipper. • *See* the description of Field 1274 in Required Fields to CONFIRM a Piece in a Shipment table for a list of valid service types for Openship. • To specify the FedEx shipping service to use for the package, Enter the code number for the service to use to ship the package. *See* FedEx Services with Openship for a list of services you can use when shipping an Openship shipment.

3.11.2 Modify shipment fields

The following table lists the fields required to use the 020 Global Ship Request transaction to EDIT an Openship shipment.

Table 24: Required fields to Modify an Openship shipment

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	
Openship Flags						
541	Max=9	A	I	FDXE FDXG	All	**Required*** Identifies transaction functions using nine one-byte flags which are set to Y to indicate shipment level or package level flag. *Required for Open Ship.

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	

						Description
						
						• Specify Y in the position(s) of the Open Ship functions used for a given transaction. Specify N in all other positions. All flags must be used and must be either Y or N. If you enter all Ns, all Open Ship functions are disabled.
						
						• Default: YNNNNNNNY (CREATE and CONFIRM the Open Ship shipment.)
						
						• Each one-byte flag is defined in sequence in the following array:
						
						    ○ 1 — CREATE an Open Shipment
						    ○ 2 — ROUTE/Time in Transit
						    ○ 3 — RATE
						    ○ 4 — ADD a piece/package
						    ○ 5 — EDIT a piece/package
						    ○ 6 — EDIT/ADD data to the entire shipment
						    ○ 7 — DELETE a package
						    ○ 8 — DELETE the shipment
						    ○ 9 — CONFIRM the shipment

Openship Index						
542	Max=9	N	I	FDXE FDXG	All	**Required *** **Description** • Set to the unique number passed in the CREATE transaction. The value is a unique number per Openship shipment per meter and represents the Openship Index. • *Required for Openship. *Note: Field 542 is not required if you are simultaneously performing a CREATE or ADD transaction.* • Examples of simultaneous transactions are: YYNNNNNNN which

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
						performs a shipment level CREATE and Route/Time in Transit transaction or NYNYNNNNN which performs a package level ADD and shipment level Route/Time in Transit together in the same transaction. *Note: However, Field 542 is not used for IPD Openshipping. Instead use Field 1355 (IOR Facility Code) with Field 24 (Ship Date) and Field 1274 (Service Type) to form a unique shipment.*

3.11.3 Delete Openshipment after confirm

To delete an Openship Shipment after you CONFIRM the shipment but before you close it, use the 023 Global Delete Request transaction and Field 1123 (Master Tracking Number) with a valid Master tracking number.

Table 25: Delete piece after CONFIRM

Action	Field ID	Field Name	Description Transaction: 023 Global Delete Request
Use…	Field 1123	Master Tracking Number	• Master tracking number assigned by FedEx to the package. • This number accompanies all MPS or child packages within the shipment. • To identify the package you want to delete, Include the master tracking number assigned to the package in the transaction.

3.11.4 Delete shipment fields

To delete an entire Openship shipment prior to a CONFIRM transaction, you must submit a 020 Global Ship Request transaction that passes the fields listed in Table 24.

Table 26: Required fields to Delete an Openship shipment

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
Tracking Number						
29	Min=12 Max=25	A	I/O	FDXE FDXG FXGE	All	**Field level:** Shipment and Package **Required** *Required for tracking number of the package or piece in a multiple-piece shipment (MPS). **Description** Tracking number field is the unique number of the package or piece in a multiple-piece shipment (MPS) which can be used for tracking the whereabouts of the shipment.
Openship Flags						
541	Max=9	A	I	FDXE FDXG FXFR FXGE	All	**Field level:** Shipment **Required** *Required for Openship. **Description** - Openship Flags field identifies the transaction functions using nine one-byte flags which are set to Y to indicate shipment level or package level flag. - Specify Y in the position(s) of the Openship functions used for a given transaction. Specify N in all other positions. All flags must be used and must be either Y or N. If you enter all Ns, all Openship functions are disabled. - Default: YNNNNNNNY (CREATE and CONFIRM the Openship shipment.) - Each one-byte flag is defined in sequence in the following array: 1 — CREATE an Openshipment 2 — ROUTE/Time in Transit 3 — D RATE 4 — ADD a piece/package 5 — EDIT a piece/package

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	
						o 6 — EIT/ADD data to the entire shipment
						o 7 — DELETE a package
						o 8 — DELETE the shipment
						o 9 — CONFIRM the shipment
Openship Index						
542	Max=9	A/N	I/O	FDXE FDXG FXFR FXGE	All	**Field level:** Shipment **Required** *Required for Openship. **Description** • Set to the unique number passed in the CREATE transaction. The value is a unique number per Openship shipment per meter and represents the Openship Index. • For shipping, use Openship. *Note:* • Field 542 is not required if you are simultaneously performing a CREATE or ADD transaction. • Examples of simultaneous transactions are: YYNNNNNNN which performs a shipment level CREATE and Route/Time in Transit transaction or NYNYNNNNN which performs a package level ADD and shipment level Route/Time in Transit together in the same transaction. *Field 542 is not used for IPD open shipping. Instead use Field 1355 (IOR Facility Code) with Field 24 (Ship Date) and Field 1274 (Service Type) to form a unique shipment.*
Service type						
1274	Min=2 Max=3	N	I/O		All IN-CTR	**Required** **Description** • Service type provided by the shipper. • To view valid service types for Openship shipments, refer [Service](#)

				FedEx shipping		
Field ID	**Field length**	**Data type**	**Input/ Output**	**Carrier Code (Services)**	**Valid for**	**Description**
						Types table. • For shipping, use Single Shot, Single Piece, Openship, or MPS. *Note: Field length of 3 is only applicable for FedEx Express Freight Bill of Lading and FedEx International Ground Distribution.*

3.12 Delete shipment transaction

To delete an entire Openship shipment prior to a CONFIRM transaction, you must submit a 020 Global Ship Request transaction that passes the required Field 541 (Openship Flags) with position set to 8 and Field 542 (Openship Index).

To delete an Openship Shipment after you CONFIRM the shipment but before you close it, use the 023 Global Delete Request transaction and Field 1123 (Master Tracking Number) with a valid Master tracking number.

The DELETE shipment function is indicated by setting the position 8 flag in Field 541 (Openship Flags) to **Y**—requests FSMS to DELETE an Openship shipment.

> *Note: When position 8 flag is set to N, no shipment is deleted.*

In your transaction statement, this looks like: 541,"NNNNNNNYN"

Both Field 541 (Openship Flags) and 542 (Openship Index) are required for the Openship DELETE shipment transaction using the 020 Global Ship Request transaction.

Table 27: Delete Openship shipment fields

Action	Field ID	Field Name	Description
Use…	Field 541	Openship Flags	• Contains a nine-digit flag that specifies the action(s) is to be performed on the Openship shipment. • To create an Openship shipment, Set the eighth (8) position of the Openship flag to Y. • For example, NNNNNNNYN.
Use…	Field 542	Openship Index	• The Openship index number is a unique number that you create and include in the CREATE shipment transaction. You then use the number to identify which shipment to perform an ADD, EDIT or DELETE action against. The Openship Index value must be a unique number per Openship shipment per meter. • To distinguish an Openship shipment, Assign an

Action	Field ID	Field Name	Description
			Openship index number to the shipment and include Field 542 and this number in the DELETE shipment transaction.

3.12.1 Delete Openship shipment fields

When you delete an Openship shipment prior to a CONFIRM, you must specify the Openship index assigned to the shipment when it was created. FedEx Ship Manager® Server identifies which shipment to delete based on the index identifier you supply.

Use a 020 Global Ship Request transaction to pass Field 541 (Openship Flags) with position 8 (DELETE shipment) set to Y and Field 542 (Openship Index).

If you need to delete a shipment after a CONFIRM, then you must pass Field 29 (Tracking Number) with the master tracking number returned when the shipment was created.

Table 28: Fields for deleting an Openship shipment

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
Tracking Number						
29	Min=12 Max=25	A	I/O	FDXE FDXG FXGE	All	**Required *** Tracking number of the package or piece in a multiple-piece shipment (MPS). *Required in the 023 Global Delete transaction to identify the package to delete.
Openship Flags						
541	Max=9	A	I	For FDXE*: IPD IED IDF FDXT For FDXG: IGD IGC FDXT FXGE *includes	U.S. INTL	**Required *** Identifies transaction functions using nine one-byte flags which are set to Y to indicate shipment level or package level flag. *Required for Open Ship. **Description** • Specify Y in the position(s) of the Open Ship functions used for a given transaction. Specify N in all other positions. All flags must be used and must be either Y or N. If you enter all Ns, all Open Ship functions are disabled. • Default: YNNNNNNNY (CREATE and

Field	Field	Data	Input/	FedEx shipping		Description
				C.O.D.		CONFIRM the Open Ship shipment.)
						• Each one-byte flag is defined in sequence in the following array:
						o 1 — CREATE an Open Shipment
						o 2 — ROUTE/Time in Transit
						o 3 — RATE
						o 4 — ADD a piece/package
						o 5 — EDIT a piece/package
						o 6 — EDIT/ADD data to the entire shipment
						o 7 — DELETE a package
						o 8 — DELETE the shipment
						o 9 — CONFIRM the shipment
Openship Index						
542	Max=9	A/N	I/O	FDXE FDXG FXFR FXGE	All	**Field level:** Shipment **Required** *Required for Openship. **Description** • Set to the unique number passed in the CREATE transaction. The value is a unique number per Openship shipment per meter and represents the Openship Index. • For shipping, use Openship. *Note:* • Field 542 is not required if you are simultaneously performing a CREATE or ADD transaction. • Examples of simultaneous transactions are: YYNNNNNNN which performs a shipment level CREATE and Route/Time in Transit transaction or NYNYNNNNN which performs a package level ADD and shipment level Route/Time in Transit together in the same transaction. • Field 542 is not used for IPD open shipping. Instead use Field 1355 (IOR Facility Code) with Field 24 (Ship

Field	Field	Data	Input/	FedEx shipping		Description
						Date) and Field 1274 (Service Type) to form a unique shipment.

Deleting an entire shipment prior to confirm of shipment

If you want to delete an entire Openship shipment prior to CONFIRM of the shipment, then you must use the 020 Global Ship Request transaction with the Field 541 (Openship Flags) DELETE shipment function flagged.

1. To delete the entire shipment prior to CONFIRM, create a *020 Global Ship Request* transaction.

2. Set Field 541 (Openship Flags) position 8 (Delete a Shipment) to Y, for example, 541, "NNNNNNNYN".

3. Pass a value in Field 542 (Openship Index) to identify which Openship shipment to delete.

4. Include the master Tracking Number generated in Field 29 during the Openship CREATE shipment transaction.

Deleting a Multiple-Piece shipment prior to confirm of shipment

If you want to delete a multiple-piece shipment (MPS) prior to CONFIRM, then you must use the 023 Global Delete Request transaction and Field 541 (Openship Flags) DELETE shipment function flagged.

1. To delete the entire MPS shipment only (not any other pieces) prior to CONFIRM, create a *020 Global Ship Request* transaction.

2. Set Field 541 position 8 (Delete a Shipment) to Y; for example, 541,"NNNNNNNYN".

3. Pass in the FIRST tracking number generated from the Single Shot IPD/IDF MPS transaction in Field 1123 as if it were the Master Tracking Number.

Deleting a Single Piece shipment prior to confirm of shipment

If you want to delete a single piece of a shipment prior to CONFIRM, then you must use the 020 Global Ship Request transaction with the Field 541 (Openship Flags) DELETE piece function flagged.

1. To delete the Single Piece from Openshipment prior to CONFIRM, create an 020 Global Ship Request transaction.

2. Set Field 541 position 7 (Delete a Piece) to Y; for example, 541,"NNNNNNYNN".

3. Pass in the individual tracking number in Field 29 generated during the Openship ADD Piece transaction.

Deleting the entire shipment after Confirm

If you want to delete the entire Openship shipment after CONFIRM before CLOSE, then you must use the 023 Global Delete Request transaction.

To delete the ENTIRE shipment AFTER CONFIRM BEFORE CLOSE

1. Create a 023 Global Delete Request transaction.

2. Pass in the master tracking number in Field 29 generated during the CREATE shipment transaction.

Deleting an Openship print as you go shipment

You can delete any Openship PAYG Shipment prior to an Openship CONFIRM shipment transaction.

You may delete a piece of an Intra-Country Express (including Express C.O.D.) and FedEx Ground Openship PAYG shipment after a CONFIRM shipment transaction, but you cannot delete the shipment.

Use the 023 Global Delete Request transaction to delete any piece in a shipment after a CONFIRM.

Deleting FedEx Express Cash on Delivery shipment

New labels, when requested, are printed for Express C.O.D. shipments after the DELETE shipment transaction completes. The new labels will print new tracking and sequence numbers.

Express Cash On Delivery tracking and sequence numbers

New Master and child tracking numbers are assigned for Express C.O.D. shipments when a piece is deleted prior to a CONFIRM transaction.

If the Master package is deleted, the Master tracking number is reassigned to the next package in sequence in the shipment. All sequence numbers are decreased by the number of deleted packages.

For example, if the original sequence is 1-3, 2-3, 3-3, and the third piece is deleted prior to a CONFIRM, the revised sequence numbers are 1-2, 2-2.

The 120 Global Ship Reply transaction returns a new Master tracking number in Field 1123, and a package level tracking number in multiple occurrences in Field 29. Field 116 returns the total number of pieces in the shipment.

3.13 Confirm piece and print label

For FedEx Express, FedEx Ground® Economy, and FedEx Ground Openship intra-U.S. shipments only, you may CONFIRM an individual package in the shipment and print the label before you CONFIRM the entire shipment. Use a 020 Global Ship Request transaction that includes the fields in the following table.

Table 29: Confirm piece and print label fields

Action	Field ID	Field Name	Description
Use…	Field 541	Openship Flags	• Contains a nine-digit flag that specifies the action(s) is to be performed on the Openship shipment. • To confirm a piece in an Openship shipment, set the last position of the Openship flag to Y. • For example, NNNNNNNNY.
Use…	Field 29-#	Tracking Number	• Tracking number of the piece in a multiple-piece shipment (MPS). • To specify tracking number for the piece, Enter the package tracking number to ensure the correct piece gets confirmed.

Note: Consider the following when creating a CONFIRM Piece transaction:

- *Do not code Field 542 (Openship Index) in an Openship CONFIRM transaction; if you do, the entire shipment will be confirmed.*
- *Enter the required printer information into Fields 187 (Label Format Value/Printer Type Indicator), 537 (Thermal Printer Identifier/Label Buffer File Path) and 1282 (Printer Type Indicator) if you are not using the default configuration printer.*
- *An Openship shipment (non-PAYG) must have always at least one package prior to CONFIRM. If a package is confirmed and is the only package in the shipment, the entire shipment is confirmed, and you cannot add any more packages to the shipment.*
- *A CONFIRM piece transaction prior to a CONFIRM shipment is allowed only for FedEx Express, and FedEx Freight (FedEx Freight® Priority and FedEx Freight® Economy) services. It is not supported for FedEx Express U.S. C.O.D. packages.*

Note: For Openship Print-As-You-Go (PAYG) shipments, you must CONFIRM the shipment on the same day as CREATE, otherwise labels will have the incorrect ship date.

3.13.1 Steps for piece confirmation

To print and CONFIRM packages (aka pieces) and maintain the ability to add more packages, perform the following steps:

1. CREATE the Open Ship shipment and ADD piece 1.
2. ADD a piece 2.
3. CONFIRM piece 1s.
4. ADD the piece 3.
5. CONFIRM piece 2
6. ADD piece 4.
7. CONFIRM piece 3.
8. Continue adding and confirming pieces until the shipment is complete.
9. CONFIRM the shipment

Note: For Openship Print-As-You-Go (PAYG) shipments, you must CONFIRM the shipment on the same day as CREATE, otherwise labels will have the incorrect ship date.

Confirm package fields

The following table lists the minimum fields required to complete a basic 020 Global Ship Request transaction for a FedEx Express U.S. or Freight shipment.

Table 30: Required fields to Confirm a piece in a shipment

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
Tracking Number						
29-#	Min=12 Max=25	A	I/O	FDXE* FDXG	All	Required* Tracking number of the package(s) for

| Field ID | Field length | Data type | Input\ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	
				FXGE *includes C.O.D.		which you want to print the label. *Required with Field 541 (Openship Flags).
Openship Flags						

541	Max=9	A	I	For FDXE*: IPD IED IDF FDXT For FDXG: IGD IGC FDXT FXGE *includes C.O.D.	U.S. INTL	Required* Identifies transaction functions using nine one-byte flags which are set to Y to indicate shipment level or package level flag. *Required for Open Ship. **Description**
						 • Specify Y in the position(s) of the Open Ship functions used for a given transaction. Specify N in all other positions. All flags must be used and must be either Y or N. If you enter all Ns, all Open Ship functions are disabled.
						 • Default: YNNNNNNNY (CREATE and CONFIRM the Open Ship shipment.)
						 • Each one-byte flag is defined in sequence in the following array:
						    o 1 — CREATE an Open Shipment
						    o 2 — ROUTE/Time in Transit
						    o 3 — RATE
						    o 4 — ADD a piece/package
						    o 5 — EDIT a piece/package
						    o 6 — EDIT/ADD data to the entire shipment
						    o 7 — DELETE a package
						    o 8 — DELETE the shipment
						    o 9 — CONFIRM the shipment

3.14 Confirm piece and shipment transactions

The CONFIRM transaction validates the shipment and package information for the respective Openshipment index. The system returns Route, Time-in-Transit, Rate Quote and required shipping document information, including labels for the packages.

An Openship shipment (non-PAYG) must have always at least one package prior to CONFIRM. If a package is confirmed, and it is the only package in the shipment, then the entire shipment is confirmed, and you cannot add any more packages to the shipment.

To print and CONFIRM packages and maintain the ability to add more packages, perform the following procedure:

1. CREATE shipment (and ADD Piece 1)
2. ADD Piece 2
3. CONFIRM Piece 1
4. ADD Piece 3
5. CONFIRM Piece 2
6. ADD Piece 4
7. CONFIRM Piece 3
8. ADD Piece X
9. CONFIRM Piece X
10. CONFIRM Shipment

Note: For Openship Print-As-You-Go shipments, you must confirm the shipment.

A "Confirm package" transaction prior to a CONFIRM shipment is allowed only for FedEx Express U.S., FedEx Freight (FedEx Freight® Priority and FedEx Freight® Economy) services and not supported for FedEx Express U.S. C.O.D. packages.

Note: For Openship Print-As-You-Go (PAYG) shipments, you must CONFIRM the shipment on the same day as CREATE, otherwise labels will have the incorrect ship date.

3.14.1 Confirm Openship shipment fields

After you add all packages to an Openship shipment, you may CONFIRM the shipment by passing in the fields in in a 020 Global Ship Request transaction.

In addition, include Field 187 (Label Format Value), Field 537 (Thermal Printer ID) or Field 544 (Laser Printer ID), and Field 1282 (Printer Type Indicator) if you are using a printer other than the configured default printer.

Table 31: Required fields to Confirm an Openship shipment

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
Openship Flags						

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	
541	Max=9	A	I	For FDXE*: IPD IED IDF FDXT For FDXG: IGD IGC FDXT FXGE *includes C.O.D.	U.S. INTL	**Required*** Identifies transaction functions using nine one-byte flags which are set to Y to indicate shipment level or package level flag. *Required for Open Ship. **Description** • Specify Y in the position(s) of the Open Ship functions used for a given transaction. • Specify N in all other positions. All flags must be used and must be either Y or N. If you enter all Ns, all Open Ship functions are disabled. • Default: YNNNNNNNY (CREATE and CONFIRM the Open Ship shipment.) • Each one-byte flag is defined in sequence in the following array: ○ CREATE an Open Shipment ○ ROUTE/Time in Transit ○ RATE ○ ADD a piece/package ○ EDIT a piece/package ○ EDIT/ADD data to the entire shipment ○ DELETE a package ○ DELETE the shipment ○ CONFIRM the shipment
Openship Index						
542	Max=9	N	I	For FDXE*: IPD IED IDF FDXT For FDXG: IGD IGC	U.S. INTL	**Required*** **Description** • Set to the unique number passed in the CREATE transaction. The value is a unique number per Openship shipment per meter and represents the Openship Index. • *Required for Openship.

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	**Valid for**	
				FDXT FXGE *Includes C.O.D.		*Note: Field 542 is not required if you are simultaneously performing a CREATE or ADD transaction.* • Examples of simultaneous transactions are: YYNNNNNNN which performs a shipment level CREATE and Route/Time in Transit transaction or NYNYNNNNN which performs a package level ADD and shipment level Route/Time in Transit together in the same transaction. *Note: However, Field 542 is not used for IPD Openshipping. Instead use Field 1355 (IOR Facility Code) with Field 24 (Ship Date) and Field 1274 (Service Type) to form a unique shipment.*
Service Type						

1274	Min=2 Max=3	N	I/O	FDXE FDXG	All IN-CTR	**Field level:** Shipment
						 Required
						 Description
						
						 • Service type provided by the shipper.
						
						 • To view valid service types for Openship shipments, refer [Service Types](#) table.
						
						 • For shipping, use Single Shot, Single Piece, Openship, or MPS.
						
						 • When a user attempts to process an intra-Canada Standard Overnight shipment via the 020-shipping transaction and has included Residential Delivery and Hold at Location, and if the following field values are passed:
						
						   o Field ID 1274 (Service Type) is set to '01' (FedEx Priority Overnight), '05' (FedEx Standard Overnight), '20' (FedEx Economy), '03' (FedEx 2-Day), or '70' (FedEx 1Day Freight)
						
						   o Field ID 1200 (Hold at

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	
						Location Flag) is set to 'Y' ○ Field ID 440 (Residential Delivery Flag) is set to 'Y' then, Residential Delivery Flag is ignored, and Hold at Location takes precedence and the transaction succeeds. *Note: Field length of 3 is only applicable for FedEx Express Freight Bill of Lading and FedEx International Ground Distribution.*

3.14.2 Confirming Openship and printing labels

To confirm an Openship PAYG shipment, use the 020 Global Ship Request transaction with the Field 541 position 9 set to Y (NNNNNNNNY). This action sets the flag for the shipment level "Confirm Shipment" function.

If you selected to print labels as you added packages, all labels for pieces in the shipment should already be printed; no additional piece labels are printed.

If you selected to print labels after adding all packages, then a label for each piece is returned because of the CONFIRM transaction.

For intra-U.S. shipments only, you may CONFIRM an individual package of an Openship shipment and print the label before you confirm the whole shipment by sending a CONFIRM Piece transaction. Use a 020 Global Ship Request transaction that includes Field 541 (Openship Flags) and Field 29 (Tracking Number).

For FedEx Express U.S. C.O.D. shipments, a C.O.D. Return Label is returned with the label of the last package in the shipment.

> Note: For Openship Print-As-You-Go (PAYG) shipments, you must CONFIRM the shipment on the same day as CREATE, otherwise labels will have the incorrect ship date. If shipments are confirmed on a different date, then the shipment date must be edited prior to confirming the shipment. Updating the ship date requires printing a new shipment label set and applying the new labels to the packages.

3.15 FedEx Express U.S. Openship transaction samples

The following Openship code examples are for FedEx Express shipments with origin/destination addresses within the U.S.

Example A shows how to create a FedEx Express shipment and add five packages. The example transactions also show how to request rate information for each package as it is added.

Example B shows how to create a FedEx Express Freight shipment and add five pallets before confirming the shipment.

3.15.1 FedEx Express U.S. Export Openship transactions

The following Openship code example shows how to code FedEx Express transactions for destinations outside of the U.S.

Example A is a FedEx Express Openship shipment of five packages destined for Brussels, Belgium. The transaction adds a new commodity to the shipment and edits the information for that commodity.

Example B is a FedEx Express Freight Openship shipment of five pallets shipped to the same address in Belgium. The transaction requests that a FedEx commercial invoice be printed for the shipment.

Example C shows the transaction strings required for a FedEx Express five-package shipment to Japan and does not print a FedEx commercial invoice.

0,"020"1,"IP Openship Create, Multiple Commodities, FedEx CI"11,"Belgian Electronics"12,"Louis Desjardin"13,"243 Rue Elysees"15,"Brussels"17,"1009"18,"9012631234"23,"1"25,"Openshipment to BE"26,"100"50,"BE"68,"USD"72,"1"74,"BE"75,"KGS"77,"25"77-2,"25"77-3,"15"77-4,"45"77-5,"10"79, "Capacitors"79-2,"Resistors"79 3,"Diodes"79-4,"Integrated Circuits"79-5,"Drive Motors"80,"US"80-2, "US"803,"US"80-4,"US"80-5,"US"81,"8518290000"81-2,"8524400000"81-3,"8518300000"81-4, "8519920000"81-5,"8518290000"82,"1000"82-2,"1000"82-3,"10000"82-4,"50"82-5,"25"113,"Y"183, "9011234567"414,"EA"4142,"EA"414-3,"EA"414-4,"EA"414 5,"EA"498,""541,"YNNNNNNNN"542,

"400"1030,"250000000"1030-2,"350000000"1030-3,"325000000"1030-4,"125000000"1030-5,
"50000000"1090,"USD"1139 ,"123456789"1273,"01"1274,"01"1349,"S"1350,"1029384756973"1358,
"NO EEI 30.37(a)"1670,"1300"99,""

0,"020"1,"Add Package Two"50,"BE"74,"BE"498,""541,"NNNYNNNNN"542,"400"1273,"01"1274,
"01"1670,"1550"99,""

0,"020"1,"Add Package Three"50,"BE"74,"BE"498 ,""541,"NNNYNNNNN"542,"400"1273,"01"1274,
"01"1670,"1500"99,""
0,"020"1,"Add Package Four"50,"BE"74,"BE"498 ,""541,"NNNYNNNNN"542,"400"1273,"01"1274,
"01"1670,"1000"99,""

0,"020"1,"Add Package Five"50,"BE"74,"BE"498,""541,"NNNYNNNNN"542,"400"1273,"01"1274,
"01"1670,"1250"99,""

0,"020"1,"Add Commodity to Shipment"29,"987654321234"50,"BE"77,""79,"ZenerDiode"80,"US"81,
"8518300000"82,"75"414,"EA"541,"NNNNNNNNN"542,"400"1030,"25000000"1274,"01"1677,"1"99,""
0,"020"1,"Edit Commodity #1"50,"BE"77,""79,"Zener

Diode"80,""81,""82,"100"414,"EA"541,"NNNNNNNNN"542,"400"1030,"250000"1274,"01"1677,"1"1678,
"FDX0"99,""
0,"020"1,"Confirm Openshipment"50,"BE"187,"199"537,"C:\FedEx\Label Buffers"541,
"NNNNNNNNY"542,"400"1273,"01"1274,"01"1282,"F"99,"

Example B - FedEx Express Freight Openship shipment of five pallets shipped from U.S. to Brussels, Belgium with a FedEx commercial invoice printed

0,"020"1,"IP Openship Create Express Freight, Multiple Commodities, FedEx CI"11,"Belgian
Electronics"12,"Louis Desjardin"13,"243 Rue Elysees"15,"Brussels"17,"1009"18,"9012631234"23,"1"25,
"Openshipment to BE"26,"100"50,"BE"57,"15"58,"20 "59,"35"68,"USD"72,"1"74,"BE"75,"KGS"77,"25"77-
2,"25"77-3,"15"77-4,"45"77-5,"10"79,"Capacitors"79-2,"Resistors"79-3,"Diodes"79-4,"Integrated
Circuits"79-5,"Drive Motors"80,"US"80-2,"US"80-3,"US"80-4,"US"80-5,"US"81,"8518290000"81-2,
"8524400000"81-3,"8518300000"81-4,"8519920000"81-5,"8518290000"82,"1000"82-2,"1000"82-3,
"10000"82-4,"50"82-5,"25"113,"Y"183,"9011234567"414,"EA"414-2,"EA"414-3,"EA"414-4,"EA"414-5,
"EA"498,""541,"YNNNNNNNN"542,"400"1030,"250000000"1030 2,"350000000"1030-3,
"325000000"1030-4,"125000000"1030-,"50000000"1090 ,"USD"1139,"123456789"1273,"01"1274,
"86"1349,"S"1350,"1029384756973"1358,"NO EEI 30.37(a)"1670,"10000"99,"" 0,"020"1,"Add Pallet
Two"50,"BE"57,"45"58,"60"59,"40"74,"BE"498,""541,"NNNYNNNNN"542,"400"1273,"01"1274,"01"1670,
"1550"99,"" 0,"020"1,"Add Pallet Three"50,"BE"57,"45"58,"60"59,"40"74,"BE"498,""541,
"NNNYNNNNN"542,"400"1273,"01"1274,"01"1670,"1550"99,""0,"020"1,"Add Pallet Four"50,"BE"57,
"45"58,"60"59,"40"74,"BE"498,""541,"NNNYNNNNN"542,"400"1273,"01"1274,"01"1670,"1550"99,""0,
"020"1,"Add Pallet Five"50,"BE"57,"45"58,"60"59,"40"74,"BE"498,""541,"NNNYNNNNN"542,"400"1273,
"01"1274,"01"1670,"1550"99,""0,"020"1,"Confirm Openshipment"50,"BE"187,"PNG"537 ,"C:\PNG"541,
"NNNNNNNNY"542,"400"1273,"01"1274,"01"1282,"F"99,""

Example C - FedEx Express Openship shipment of five packages shipped from U.S. to Japan with no commercial invoice

0,"020"1,"IP Openship Create, No FedEx CI"11,"Japan Electronics Corp"12,"Hiro Kanagawa"13,"1-18-9
Nihombashi, Chuo-ku"15,"Tokyo"17,"1200015"18,"9012631234"23,"1"25,"Openshipment to JP" 26,
"100"50,"JP"68,"USD"72,"1"74,"JP"75,"KGS"79,"Electronic Components"80,"US"113,"N"119,
"235000"183,"9011234567"187,"288"498 ,"98765"537,"\\FedEx Ship Manager® Server\Z4M"541,""542,
""1090,"USD"1139,"123456789"1273,"01"1274,"01"1282 ,"T"1349,"S"1350,"1029384756973"1670,
"1300"99,"" 0,"020"1,"Add Package Two"50,"JP"74,"JP"498,""541,"NNNYNNNNN"542,"200"1273,
"01"1274,"01"1670,"1250"99,"" 0,"020"1,"Add Package Three"50,"JP"74,"JP"498,""541,
"NNNYNNNNN"542,"200"1273,"01"1274,"01"1670

,"230"99,"" 0,"020"1,"Add Package Four"50,"JP"74,"JP"498,""541,"NNNYNNNNN"542,"200"1273, "01"1274,"01"1670,"150"99,"" 0,"020"1,"Add Package Five"50,"JP"74,"JP"498,""541,"NNNYNNNNN"542, "200"1273,"01"1274,"01"1670,"150"99,"" 0,"020"1,"Confirm Openshipment"50,"JP"187,"199"537, "C:\FedEx\Label Buffers"541,"NNNNNNNNY"542,"200"1273,"01"1274,"01"1282,"F"99,""

3.16 FedEx Ground Openship transaction samples

The following Openship code examples show how to code FedEx Ground shipping transactions.

Example A shows the basic shipping transaction sequence for creating a shipment and adding five packages. The shipment is identified by the Openship Index 200 in Field 542 which is passed with the CREATE flag.

Example B ships multiple commodities in one shipment to an address in Canada. The transactions include adding and editing the commodities in the shipment.

Example C ships five packages to a commercial recipient in the U.S. and requests the rate for each package as it is added to the shipment.

3.16.1 Example A - FedEx Ground Hazardous Materials shipment to U.S. address

CREATE a FedEx Ground Openship shipment using *020 Global Ship Request* transaction and ADD the first package

0,"020"1,"Create and Add First Package, HazMat"11,"EGC Inc."12,"Recipient Name"13,"201 West103rd St"15,"Indianapolis"16,"IN"17,"46290"18,"1234567890"23,"1"25,"Package CR001"26,"100"50,"US"451, "1234"466,"10"471,"GAL"484,"9012631234"489,"III"492,"3"498,""541,"YNYNNNNNN"542,"200"1273, "01"1274,"92"1331,"Y"1493,"Y"1670,"2300"1903,"Toluene"3001,"Shipment PO10001"3057,"Package IN001"3062,"2"3072,"Flammable Liquid"99,""

ADD second package

0,"020"1,"Add Second Package"25,"Package CR002"50,"US"451,"2078"466,"10"471,"GAL"484, "9012631234"489,"II"492,"6.1"498,""541,"NNYYNNNNN"542,"200"1273,"01"1274,"92"1331

,"Y"1493,"Y"1670,"2700"1903,"Toluene diisocyanate"3057,"Package IN002"3062,"2"3072,"Poison"99,""

ADD third package

0,"020"1,"Add Third Package"25,"Package CR003"50,"US"451,"1708"466,"10"471,"GAL"484, "9012631234"489,"II"492,"6.1"498,""541,"NNYYNNNNN"542,"200"1273,"01"1274,"92"1331,"Y"1493, "Y"1670,"3750"1903,"Toludines"3057,"Package IN003"3062,"2"3072,"Poison"99,""

ADD fourth Package

0,"020"1,"Add Fourth Package"25,"Package CR004"50,"US"451,"1709"466,"10"471,"GAL"484, "9012631234"489,"III"492,"6.1"498,""541,"NNYYNNNNN"542,"200"1273,"01"1274,"92"1331,"Y"1493, "Y"1670,"4300"1903,"Toluylenediamine"3057,"Package IN004"3062,"2"3072,"Keep Away From Food"99,""

ADD fifth package

0,"020"1,"Add Fifth Package"25,"Package CR005"50,"US"451,"2586"466,"10"471,"GAL"484, "9012631234"489,"II"492,"8"498,""541,"NNYYNNNNN"542,"200"1273,"01"1274,"92"1331,"Y"1493,

"Y"1670,"2100"1903,"Alkyl sulfonic acid"3057,"Package IN005"3062,"2"3072,"Corrosive"99,""

CONFIRM shipment

0,"020"1,"Confirm Openshipment"50,"US"187,"199"498,""537,""541,"NNNNNNNNY"542,"200"1274, "92"1660,"Y"99,""

3.16.2 Example B - FedEx Ground shipment to Canada address

CREATE a FedEx Ground Openshipment and ADD first package

0,"020"1,"Ground Openship Create, Multiple Commodities, FedEx CI"11,"Canadian Electronics"12,"Louis Desjardin"13,"243 Rue Elysees"15,"Calgary"16,"AB"17,"T2A6P1"18,"9012631234"23,"1"25,"Carton 1"26,"100"38,"Electrical Components Division"50 ,"CA"72,"1"74,"CA"75,"KGS"77,"25"77-2,"25"77-3, "15"77-4,"45"77-5,"10"79,"Capacitors"79-2,"Resistors"79-3,"Diodes"79-4,"Integrated Circuits"79-5, "Drive Motors"80,"US"80-2,"US"80-3,"US"80-4,"US"80-5,"US"81,"8518290000"81-2,"8524400000"81-3, "8518300000"81-4,"8519920000"81-5,"8518290000"82,"1000"82-2,"1000"82-3,"10000"82-4,"50"82-5,"25"113,"Y"183,"9011234567"414,"EA"414-2,"EA"414-3,"EA"414-4,"EA"414-5,"EA"498 ,""541, "YNNNNNNNN"542,"400"1030,"250000000"1030-2,"350000000"1030-3,"325000000"1030-4, "125000000"1030-5, "50000000"1090,"USD"1139,"123456789"1273,"01"1274,"92"1349,"S"1350, "1029384756973"1358,"NO EEI 30.37(a)"1670,"1300"3062,"2"99,""

ADD second package

0,"020"1,"Add Package Two"25,"Carton 2"50,"CA"74,"CA"498,""541,"NNNYNNNNN"542,"400"1273, "01"1274,"92"1670,"1550"3062,"2"99,""

ADD third package

0,"020"1,"Add Package Three"25,"Carton 3"50,"CA"74,"CA"498,""541,"NNNYNNNNN"542,"400"1273, "01"1274,"92"1670,"1550"3062,"2"99,""

ADD fourth package

0,"020"1,"Add Package Four"25,"Carton 4"50,"CA"74,"CA"498,""541,"NNNYNNNNN"542,"400"1273, "01"1274,"92"1670,"1550"3062,"2"99,""

ADD fifth package

0,"020"1,"Add Package Five"25,"Carton 5"50,"CA"74,"CA"498,""541,"NNNYNNNNN"542,"400"1273, "01"1274,"1550"3062,"2"99,""92"1670,"

Add commodity to Shipment

0,"020"1,"Add Commodity to Shipment"29,"123456789876"50,"CA"77,""79,"ZenerDiode"80,"US"81, "8518300000"82,"75"414,"EA"541,"NNNNNNNNN"542,"400"1030,"25000000"1677,"1"99,"

Edit commodity

0,"020"1,"Edit Commodity #1"50,"CA"77,""79,"Zener Diode"80,""81,""82,"100"414,"EA"541, "NNNNNNNNN"542,"400"1030,"250000"1677,"1"1678,"FDX0"99,""

CONFIRM shipment

0,"020"1,"Confirm Openshipment"50,"CA"187,"199"537,"C:\FedEx\Label Buffers"541, "NNNNNNNNY"542,"400"1273,"01"1274,"92"1282,"F"3062,"2"99,""

3.16.3 Example C - FedEx Ground shipment to U.S. commercial address

CREATE FedEx Ground open U.S. shipment and ADD first package

0,"020"1,"Ground 5 Package Openshipment: Create and Add First Package"11,"Sam's Publishing"12, "Recipient Name"13,"201 West 103rd St"15,"Indianapolis"16,"IN"17,"46290"18,"1234567890"1670, "35"23,"1"25,"Package CR001"50,"US"440,"Y"498,""541,"YNYNNNNNN"542,"200"1273,"01"1274, "92"3001,"Shipment PO10001"3057,"Package sIN001"3062,"2"99,""

ADD and RATE second package

0,"020"1,"Add/Rate Second Package"1670,"20"25,"Package CR002"50,"US"498,""541, "NNYYNNNNN"542,"200"1273,"01"1274,"92"3057,"Package IN002"3062,"2"99,""

ADD and RATE third package

0,"020"1,"Add/Rate Third Package"1670,"15"25,"Package CR003"50,"US"498,""541,"NNYYNNNNN"542, "200"1273,"01"1274,"92"3057,"Package IN003"3062,"2"99,""

ADD and RATE fourth package

0,"020"1,"Add/Rate Fourth Package"1670,"25"25,"Package CR004"50,"US"498,""541, "NNYYNNNNN"542,"200"1273,"01"1274,"92"3057,"Package IN004"3062,"2"99,""

ADD and RATE fifth package

0,"020"1,"Add/Rate Fifth Package"1670,"10"25,"Package CR004"50,"US"498,""541,"NNYYNNNNN"542, "200"1273,"01"1274,"92"3057,"Package IN004"3062,"2"99,""

CONFIRM shipment

0,"020"1,"Confirm Openshipment"1670,"23"50,"US"187,"199"498,""537,"\\printserver\eltronlp"541, "NNNNNNNNY"542,"200"1274,"92"1282,"T"99,""

3.17 FedEx Ground® Economy Openship transaction samples

The following code examples are specific to shipping a FedEx Ground® Economy shipment using the Openship shipping method.

ADD Standard Mail package without delivery confirmation and with address service requested

0,"020"1,"STANDARD MAIL SHIPMENT"10,""11,"RECIP COMPANY"12,"ROGER RECIPIENT"13,"123 Main Street"14,"Suite 200"15,"Portland"16,"ME"17,"04101"18,"8005551212"20,""23,"1"24,""25,"STANDARD MAILSHIPMENT"26,"100"50,"US"75,"lbs"117,"US"187,"PNG"498,""541,"NNNYNNNNN"542,"556"1670, "75"2416,"02"1274,"1"99,"

ADD a Bound Printed Matter package with returns service requested

0,"020"1,"BOUND PRINTED MATTER SHIPMENT"10,""11,"RECIP COMPANY"12,"ROGER RECIPIENT"13, "123 Main Street"14,"Suite 200"15,"Portland"16,"ME"17,"04101"18,"8005551212" 20,""23,"1"24,""25, "BOUND PRINTED MATTER SHIPMENT"26,"100"50,"US"75,"lbs"117,"US"187,"PNG" 498,""541, "NNNYNNNNN"542,"556"1670,"850"2416,"04"1274,"3"99,""

4 FedEx Express Intra-Country shipping

FedEx Express® Intra-Country shipping includes many service areas and services. This chapter provides general information that applies to Intra-Country shipping followed by specific information based on region.

4.1 Services and service areas

The service areas for Intra-Country shipping are detailed below.

4.1.1 Europe, the Middle East, and Africa

Table 32: Europe, the Middle East and Africa services and service areas

Country	FedEx Priority Overnight™	FedEx Economy	FedEx Standard Overnight™	FedEx 1Day Freight ™	FedEx Next Day by 9 a.m.	FedEx Next Day by 10 a.m.	FedEx Next Day by 12 noon	FedEx Next Day
Austria	✓							
Belgium	✓							
Czech Republic	✓							
Denmark	✓							
Finland	✓							
France	✓							
Germany	✓							
Hungary	✓							
India	✓	✓	✓					
Italy	✓							
Luxembourg	✓							
Norway	✓							
Poland								
Russia	✓	✓						
Spain	✓							

Country	FedEx Priority Overnight™	FedEx Economy	FedEx Standard Overnight™	FedEx 1Day Freight™	FedEx Next Day by 9 a.m.	FedEx Next Day by 10 a.m.	FedEx Next Day by 12 noon	FedEx Next Day
Sweden	✓							
Switzerland	✓							
The Netherlands	✓							
United Arab Emirates			✓	✓				
United Kingdom		✓		✓	✓	✓	✓	✓

Note: Intra-Country Shipping in Belgium, Denmark, France, Germany, Italy, Luxembourg and the Netherlands was introduced in 2012; however, those services and options have been enhanced for 2013.

4.2 Special service options

The following are the special handling service options available in many different service areas.

4.2.1 Service options for Europe, the Middle East and Africa

Table 33: Europe, the Middle East and Africa Special service options

Country	Dangerous Goods	Dry Ice	Freight to Collect	Future Day	Hold at Location	Holiday Delivery	On Call Pickup	Priority Alert	Priority Alert Plus	Residential Delivery	Returns	Saturday Delivery	Ship Alerts	Special Delivery	Sunday Delivery
Austria	✓	✓			✓		✓	✓	✓		✓		✓		
Belgium	✓	✓		✓	✓		✓	✓	✓	✓	✓		✓		
Czech Republic	✓	✓			✓		✓	✓	✓		✓		✓		
Denmark	✓	✓		✓	✓		✓	✓	✓	✓	✓		✓		
Finland	✓	✓			✓		✓	✓	✓		✓		✓		
France	✓	✓		✓	✓		✓	✓	✓	✓	✓		✓		
Germany	✓	✓		✓	✓		✓	✓	✓	✓	✓		✓		
Hungary	✓	✓			✓		✓	✓	✓		✓		✓		
India	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓
Italy	✓	✓		✓	✓		✓	✓	✓	✓	✓		✓		
Luxembourg	✓	✓		✓	✓		✓	✓	✓	✓	✓		✓		
The Netherlands	✓	✓		✓	✓		✓	✓	✓		✓		✓		
Norway	✓	✓			✓		✓	✓	✓		✓		✓		
Poland	✓	✓			✓		✓	✓	✓		✓		✓		
Russia	✓	✓			✓		✓	✓	✓		✓		✓		
Spain	✓	✓			✓		✓	✓	✓		✓		✓		
Sweden	✓	✓			✓		✓	✓	✓		✓		✓		
Switzerland	✓	✓		✓	✓		✓	✓	✓	✓	✓		✓		
United Arab Emirates	✓	✓		✓	✓		✓	✓	✓	✓	✓		✓		

4.3 General Rules

Currency

- If you process 020 Global Ship Request for an Intra-Country shipment and Field ID 1090 (Declared Value/Rate Currency Type) or Field ID 68 (Customs Currency Type) is blank or not set to one of these listed values, then Error Message 0122, "Invalid currency type" is returned and the shipment fails.

    o   Austria, Finland, or Spain—EUR

    o   Hungary—HUF

    o   India—INR

    o   Norway—NOK

    o   Poland—PLN

    o   Czech Republic—CZKSweden—SEK

    o   Russia—USD

    o   United Kingdom—UKDeclared Values

If you process 020 Global Ship Request for an Intra-Country shipment and Field ID 69 (Declared Value/Carriage Value) exceeds the limits listed in this table, then Error Message 0318, "The declared value limit for this service type has been exceeded" is returned and the shipment fails.

Table 34: Intra-Country shipping declared value limits

Country	Available Services	FedEx Envelope	FedEx Pak	Not Envelope or Pak
Austria	FedEx Priority Overnight™	78 EUR	78 EUR	39,000 EUR
Finland	FedEx Priority Overnight™	78 EUR	78 EUR	39,000 EUR
Spain	FedEx Priority Overnight™ FedEx Economy	78 EUR	78 EUR	39,000 EUR
Hungary	FedEx Priority Overnight™	20,914 HUF	20,914 HUF	10,457,000 HUF
India	• FedEx Standard Overnight™ • FedEx Priority Overnight™ • FedEx Economy™	20 INK	20 Lakhs	20 Lakhs
Norway	FedEx Priority Overnight™	619 NOK	619 NOK	309,500 NOK

Country	Available Services	FedEx Envelope	FedEx Pak	Not Envelope or Pak
Poland	FedEx Priority Overnight™	292 PLN	292 PLN	146,000 PLN
Czech Republic	FedEx Priority Overnight™	1,911 CZK	1,911 CZK	955,500 CZK
Sweden	FedEx Priority Overnight™	690 SEK	690 SEK	345,000 SEK
Russia	• FedEx Priority Overnight™ • FedEx Economy	100 USD	100 USD	50,000 USD
United Kingdom	• FedEx Next Day by 9:00 AM • FedEx Next Day by 10:00 AM • FedEx Next Day by 12 Noon • FedEx Next Day • FedEx Economy • FedEx 1Day Freight™	N/A	10,000 UKL	10,000 UKL

Economy Service

If you process a FedEx Economy 020 Global Ship Request for Germany, France, Italy or Spain and Field ID 1273 (Packaging Type) is not set to either 01—Customer Package, 02—FedEx Pak or 06—FedEx Envelope, then Error Message 0230, "Invalid service type or packaging type" is returned and the shipment fails.

Hold at Location

A state is required on the Hold at Location (HAL) address when a state is required on the recipient address.

Note: A state is required for Intra-Country shipping in Brazil, Canada and the United States. A state is optional for Intra-Country shipping in India, Mexico and the United Arab Emirates.

Intra-Country Shipping

To process the Intra-Country shipping, you need privileges. If you try to process without privileges an error message 2111, "Shipping is not supported for this country" is returned and the shipment fails.

Language Translations

- FSMS supports language translations for the following:
  - Email Notifications (Merchant Notification and Return Shipper Notification)
  - Ship Alerts (Shipment Created, Shipment Tendered, Shipment Exceptions, and Shipment Delivery)

o   Print Return Instructions

Print Returns

When the print return instructions are requested in a different language, Field ID 5546 (Return Instructions Language Code) and Field ID 5548 (Return Instructions Language Locale Code) are supported.

Email Return notifications:

When the Email Return notifications are requested in a different language, Field ID 5575 (Merchant Notification E-Mail Language) and Field ID 5587 (Return Shipper Notification Language) are supported.

Priority Overnight

If you process *020 Global Ship Request* for a FedEx Express Intra-Country shipment and Field ID 1274 (Service Type) is set to 01—Priority Overnight and Field ID 1273 (Packaging Type) is *not* set to one of the following values:

- 01—Customer Packaging
- 02—FedEx Pak
- 03—FedEx Box
- 04—FedEx Tube
- 06—FedEx Envelope

Error Message 0230, "Invalid service type" or Error Message 2421, "Packaging Type is invalid for Service Type" is returned, and the transaction fails.

Residential Delivery supports Dangerous Goods and Dry Ice

If you process *020 Global Ship Request* for a Priority Overnight Intra-Country shipment and

- Field ID 440 (Residential Delivery Flag) is set to **Y**, and Field ID 1331 (Dangerous Goods/HazMat Flag) is set to A—Accessible Dangerous Goods (ADG), or I—Inaccessible Dangerous Goods (IDG), or Field ID 1268 (Dry Ice Flag) is set to **Y**, then the shipment is successful.

  Note: The E—Excepted Quantities and Q—Excepted Package Radioactive Reportable Quantity (EPRRQ) values for Field ID 1331 are not supported for this type of shipment. If these values are set in the transaction, then it will default to N—Shipment contains no DG/HazMat.

- Both Field ID 1200 (Hold at Location Flag) and Field ID 440 (Residential Delivery) are set to Y, then Residential Delivery is ignored, and Hold at Location takes precedence.

Sender/Recipient City Required

- If you process 020 Global Ship Request for a Colombia or UAE shipment and
- Field ID 7 (Sender city) is blank, then Error Message 2502, "Invalid Shipper City" is returned, or if Field ID 7 is an invalid city, then Error Message 2435, "Shipper City required" is returned and the transaction fails.
- Field ID 15 (Recipient City) is an invalid city, then Error Message 2439, "Invalid Recipient City" is returned, or if Field ID 15 is blank, then Error Message 0281, "Recipient city cannot be blank" is returned and the transaction fails.

Service Types

Only certain services are supported for Intra-Country shipping. If you process 020 Global Ship Request

for Intra-Country shipping for an unsupported service type, then Error Message 0230 "Invalid service type or packaging type" is returned and the shipment fails.

Ship Alert - Language Code

- The following fields are supported when a different language is requested for Ship Alerts:
- Field ID 1552 (Other Language Code)

  Note: If an invalid value is specified, then the Other Language Code defaults to English.

  - Field ID 1555 (Shipper Language Code)
  - Field ID 1558 (Recipient Language Code)
  - Field ID 1561 (Broker Language Code)
  - Field ID 5546 (Return Instructions Language Code)
  - Field ID 5548 (Return Instructions Locale Code)

Additional values for the Locale Code may be required, but no additional values for Field ID 1552 and 1555 are required.

Weight and Dimension Limits

If you process 020 Global Ship Request for an Intra-Country shipment and the length, width and/or height have exceeded the maximum allowances, an error message is returned. This table lists the limits and error messages.

Table 35: Intra-Country package limitations

Country	Packaging	Service	Service Option	Dimension	Error Message
Austria Belgium Czech Republic Denmark Finland France Germany Hungary Italy Luxembourg Poland Russia Sweden The Netherlands	Customer Packaging FedEx Box FedEx Tube	Priority Overnight	Priority Alert Priority Alert Plus	Weight > 68 kgs / 150 lbs	0270 "The weight limit for this service type has been exceeded."
				Length > 274 cm / 108 in	0422 "Length cannot be greater than the maximum allowed."
				Width > 157 cm / 62 in	2025 "Width cannot be greater than the maximum allowed."
				Height > 157 cm / 62 in	2083 "Height cannot be greater than the maximum allowed."
				Length + Girth > 330 cm / 130 in	0421 "Length & girth combined cannot be greater than the maximum allowed."

Country	Packaging	Service	Service Option	Dimension	Error Message
Brazil	FedEx® Envelope	First Overnight Priority Overnight Standard Overnight FedEx Economy	Priority Alert Priority Alert Plus	Weight > 0.5 kg / 1 lb.	0270 "The weight limit for this service type has been exceeded."
	Customer Packaging	First Overnight Priority Overnight Standard Overnight FedEx Economy	Priority Alert Priority Alert Plus	Weight > 68 kg / 150 lbs.	0270 "The weight limit for this service type has been exceeded."
				Length > 274 cm / 108 in	0422 "Length cannot be greater than the maximum allowed."
				Width > 157 cm / 62 in	2025 "Width cannot be greater than the maximum allowed."
				Height > 157 cm / 62 in	2083 "Height cannot be greater than the maximum allowed."
				Length + Girth > 330 cm / 130 in	0421 "Length & girth combined cannot be greater than the maximum allowed."
	Customer Packaging	1Day Freight (Express) 2Day Freight (Express)		Weight > 1,000 kg / 2,206 lbs.	0270 "The weight limit for this service type has been exceeded."
				Length > 302 cm / 119 in	0422 "Length cannot be greater than the maximum allowed."
				Width > 302 cm / 119 in	2025 "Width cannot be greater than the maximum allowed."
				Height > 178 cm / 70 in	2083 "Height cannot be greater than the maximum allowed."

Country	Packaging	Service	Service Option	Dimension	Error Message
				Length + Girth > 1,064 cm / 419 in	0421 "Length & girth combined cannot be greater than the maximum allowed."
Switzerland	Customer Packaging	Priority Overnight	Priority Alert Priority Alert Plus	Weight > 68 kg / 150 lbs.	0270 "The weight limit for this service type has been exceeded."
				Length > 274 cm / 108 in	0422 "Length cannot be greater than the maximum allowed."
				Width > 274 cm / 108 in	2025 "Width cannot be greater than the maximum allowed."
				Height > 178 cm / 70 in	2083 "Height cannot be greater than the maximum allowed."
				Length + Girth > 330 cm / 130 in	0421 "Length & girth combined cannot be greater than the maximum allowed."
	FedEx Envelope	Priority Overnight	Priority Alert Priority Alert Plus	Weight > 0.5 kg / 1 lb.	0270 "The weight limit for this service type has been exceeded."
	FedEx Pak	Priority Overnight	Priority Alert Priority Alert Plus	Weight > 9 kg/ 20 lbs.	0270 "The weight limit for this service type has been exceeded."
	FedEx Box FedEx Tube	Priority Overnight	Priority Alert Priority Alert Plus	Weight > 68 kg / 150 lbs.	0270 "The weight limit for this service type has been exceeded."

Country	Packaging	Service	Service Option	Dimension	Error Message
United Arab Emirates	Customer Packaging	Standard Overnight		Weight > 68 kgs / 150 lbs.	0270 "The weight limit for this service type has been exceeded."
				Length > 274 cm / 108 in	0422 "Length cannot be greater than the maximum allowed."
				Width > 157 cm / 62 in	2025 "Width cannot be greater than the maximum allowed."
				Height > 157 cm / 62 in	2083 "Height cannot be greater than the maximum allowed."
				Length + Girth > 330 cm / 130 in	0421 "Length & girth combined cannot be greater than the maximum allowed."
	Customer Packaging	1Day Freight (Express)		Weight > 1,000 kg / 2,206 lbs.	0270 "The weight limit for this service type has been exceeded."
				Length > 302 cm / 119 in	0422 "Length cannot be greater than the maximum allowed."
				Width > 302 cm / 119 in	2025 "Width cannot be greater than the maximum allowed."
				Height > 178 cm/70 in	2083 "Height cannot be greater than the maximum allowed."

4.4 Rules for India

Collect on Delivery (C.O.D.) and Delivery Invoice Acceptance (D.I.A.)

- When the shipment is C.O.D. or D.I.A. only, the C.O.D. or D.I.A. return address fields are used first if included, respectively. If not, the original shipper address are used.

- C.O.D. and D.I.A. can be selected together or separately. If both are requested, the existing C.O.D. return fields are used; there are no combination C.O.D./D.I.A. return fields.

- If a shipment is both C.O.D. and D.I.A., only one return address is supported. The return label is populated with the C.O.D. return address if it is included in the transaction, otherwise the shipper address information is used. The D.I.A. return fields are ignored.

- If you process an 020 Global Ship Request for a FedEx Priority Overnight C.O.D., D.I.A. or C.O.D./D.I.A. shipment, then Error Message 2932, "Special service not allowed with selected service type" is returned and the shipment fails.

- If you process an 020 Global Ship Request for a C.O.D. shipment and pass in Field ID 186 (C.O.D. Add Freight Charges Flag), then Error Message 2930, "COD add transportation charge is not allowed for designated Origin and Destination" is returned and the shipment fails.

Collection Types

- The following collection types are supported:
- Cash
- Company Check
- Personal Check
- Demand Draft
- Pay Order

If you process 020 Global Ship Request for a C.O.D. shipment and set Field ID 3000 (C.O.D. Collection Type) to value 1—Any Payment or 2—Guaranteed Funds, then Error Message 2416, "Invalid COD Collection Type" is returned and the shipment fails.

If you process an 020 Global Ship Request for a C.O.D. shipment and set Field ID 3000 (C.O.D. Collection Type) to a value other than 3—Currency and have not included required Field ID 7003 (COD Remitter Name), Field ID 7006 (COD Financial Institution Name) and Field ID 7007 (COD Financial Institution City), then Error Message 2473, "Missing or invalid special service detail" is returned and the shipment fails.

If you process an 020 Global Ship Request for a C.O.D. shipment and the C.O.D. Cash collection amount is exceeded, then Error Message 2258, "COD Amount is not within the limits for this collection type" is returned and the shipment fails.

Clearance/Tax Documents

Clearance and/or tax documents are required for interstate transit.

Dangerous Goods

Excepted Package Radioactive Reportable Quantity (EPRRQ) shipments are supported for intra-India shipments.

Declared Values

If you process an 020 Global Ship Request for an intra-India FedEx Priority Overnight shipment and Field ID 69 (Declared Value/Carriage Value) exceeds 5000 INR, then Error Message 2253, "Declared value exceeds 5000 INR for intra-India FedEx Priority Overnight Service Type" is returned and the shipment fails.

This table lists the Declared Values, also known as Total Commodity Customs Values, and weight limits for intra-India Services.

Table 36: Intra-India shipment limits for value and weight

Field ID 2397 (Purpose of Shipment Code) = 02 — Not Sold, 03 — Gift, 04 — Sample, 05 — Repair and Return or 06 — Personal Effects		
Field ID 2397 (Purpose of Shipment Code) = 02 — Not Sold		
Fractional Package Weight (Field ID 1670)	Invoice Value, also known as Total Commodity Customs Value (Field ID 119)	Available Services
0 kg < Weight ≤ 31 kg	≤ 5,000 INR	FedEx Priority Overnight
0 kg < Weight ≤ 68 kg	≤ 5,000 INR	FedEx Standard Overnight FedEx Economy
	> 5,000 INR (but less than maximum for service)	
Field ID 2397 (Purpose of Shipment Code) = 01 — Sold		
Fractional Package Weight (Field ID 1670)	Invoice Value, also known as Total Commodity Customs Value (Field ID 11)	Available Services
0 kg < Weight ≤ 68 kg	≤ 10 Million INR	FedEx Standard Overnight FedEx Economy

Note: Refer to Appendix C in the FedEx Ship Manager® Server, Transaction Coding Reference Guide for a list of India state codes.

Document Shipments

- When creating an intra-India shipment, Field ID 190 (Document Shipment Flag) is required. If you process a 020 Global Ship Request for an intra-India shipment, and Field ID 190 (Document Shipment Flag) is not specified, then Error Message 2934, "Must specify Document or Non-Document," is returned and the shipment fails.

- If Field ID 190 (Document Shipment Flag) is set to **Y**, then Field ID 2396 (Document Description) is also required. If you process an 020 Global Ship Request for an intra-India shipment, and Field 190 (Document Shipment Flag) is set to **Y**, and Field ID 79 (Description of Contents) or Field ID 2396 (Document Description) are not specified, then Error Message 2935 "Document Description is required," is returned and the shipment fails.

Hold at Location

- Hold at Location and Sunday Delivery special services cannot be combined.

- If you process a 020 Global Ship Request for an intra-India shipment with Field ID 1200 (Hold at Location Flag) and Field ID 1248 (Sunday Delivery Flag) both set to Y, Error Message 2938, "Sunday Delivery is not available with Hold at Location special service," is returned and the transaction fails.

Invoice Value

- If you process a 020 Global Ship Request for an intra-India shipment and have indicated an invalid invoice value, then Error Message 2253, "The limit for the Declared Value has been exceeded" is returned and the shipment fails.

- Refer Intra-Country Shipping Declared Value Limits for Declared Value limits.

- Limitations on Commercial Value and Weight (Refer Intra-India Shipment Limits for Value and Weight)

- For FedEx Express Standard Overnight shipments, the total invoice value cannot exceed 5 million INR and the total weight cannot exceed 68 kgs.

- If you process an 020 Global Ship Request for a FedEx Express Standard Overnight intra-India shipment with Field ID 2397 (Purpose of Shipment) set to a valid value, and either the Total Invoice Value exceeds 5 million INR or Field ID 1670 (Fractional Package Weight) is blank or exceeds 68 kgs, then Error Message 2926, "This combination of Purpose of Shipment, Invoice Value, and/or Weight is not valid for Standard Overnight service type" is returned and the shipment fails.

- If you process an 020 Global Ship Request for a FedEx Express Economy intra-India shipment with Field ID 2397 (Purpose of Shipment) set to a valid value and either the Total Invoice Value exceeds 5 million INR or Field ID 1670 (Fractional Package Weight) is blank or exceeds 68 kgs, then Error Message 2927, "This combination of Purpose of Shipment, Invoice Value, and/or Weight is not valid for Economy service type" is returned and the shipment fails.

Note: Total invoice value is indicated by either Field ID 119 (Total Commodity Customs Value) or the sum of Field ID 82 (Commodity Quantity) times the value of Field ID 1030 (Commodity Line item Unit Value).

Multiple Piece Shipments

- If the first piece is FedEx Priority Overnight, then all pieces in the shipment must qualify for FedEx Priority Overnight.

- If any subsequent piece in the shipment does not qualify for FedEx Priority Overnight, then an error is returned for that piece.

- If the invoice value of all pieces in the shipment make the shipment ineligible for FedEx Priority Overnight, then an error is returned, and the shipment fails.

- A weight for each piece in the MPS must be provided. If you process an 020 Global Ship Request for an intra-India shipment and Field ID 116 (Package Total) is set to more than 1, and only one occurrence of Field ID 1670 (Fractional Package Weight) is included, then Error Message 2936, "Must specify an individual package weight for each piece in a multiple piece shipment," is returned and the shipment fails.

Package Weights

If you process an *020 Global Ship Request* for a FedEx Priority Overnight shipment and have indicated an invalid Piece Weight, then Error Message 2232, "Invalid weight for this service type exceeds maximum weight limit" is returned and the shipment fails.

Package Type

Only customer packaging is supported. If Field ID 1273 is set to a value other than 01—Customer Packaging, it will be defaulted back to value 01.

Payment Types

The following payment types are supported:

- Bill Sender
- Bill Recipient or Consignee
- Bill Third Party

Purpose of Shipment

- Shipments with the purpose of "Sold" are not allowed with Priority Overnight service in India. If you process an 020 Global Ship Request for an intra-India Priority Overnight shipment and Field 2397 (Purpose of Shipment) is not specified or set to value 01 - Sold, then Error Message 2582, "Purpose entered is not valid" is returned and the shipment fails.

- The purpose of shipment is required for intra-India Standard Overnight and Economy shipments. If you process an 020 Global Ship Request for an intra-India Standard Overnight and Economy shipment and Field 2397 (Purpose of Shipment) is not specified or set to an invalid value, then Error Message 2582, "Purpose entered is not valid" is returned and the shipment fails.

State/Province Code Required

The state/province code is required with intra-India shipping. If you process an *020 Global Ship Request* for an intra-India shipment and Field ID 16 (Recipient State/Province) is not specified, then Error Message 5085 "Recipient state code is missing or invalid" is returned and the shipment is successful.

Sunday Delivery

Refer Hold at Location above.

Weight and Dimension Limits

If you process a 020 Global Ship Request for an intra-India shipment and the length, width and/or height have exceeded the maximum allowances, then an error message is returned. This table lists the limits and error messages.

Table 37: India package limitations

Packaging	Service	Service Option	Dimension	Error Message
Customer Packaging	Standard Overnight	Priority Alert Priority Alert Plus	Weight > 68 kgs / 150 lbs.	0270 "The weight limit for this service type has been exceeded."
			Length > 274 cm / 108 in	0422 "Length cannot be greater than the maximum allowed."
			Width > 157 cm / 62 in	2025 "Width cannot be greater than the maximum allowed."
			Height > 157 cm / 62 in	2083 "Height cannot be greater than the maximum allowed."
			Length + Girth >	0421 "Length & girth combined

Packaging	Service	Service Option	Dimension	Error Message
			330 cm / 130 in	cannot be greater than the maximum allowed."
	Priority Overnight	Priority Alert Priority Alert Plus	Weight > 31 kgs / 68 lbs.	0270 "The weight limit for this service type has been exceeded."
			Length > 274 cm / 108 in	0422 "Length cannot be greater than the maximum allowed."
			Width > 157 cm / 62 in	2025 "Width cannot be greater than the maximum allowed."
			Height > 157 cm / 62 in	2083 "Height cannot be greater than the maximum allowed."

4.4.1 India details

Not all special service options are available for each service. This table lists the options that are supported with each service.

Table 38: India special service options

Special Service Option	FedEx Priority Overnight™	FedEx Standard Overnight™	FedEx Economy
Collect on Delivery (C.O.D.)		✓	✓
Dangerous Goods		✓	✓
Delivery Invoice Acceptance (D.I.A.)		✓	✓
Dry Ice		✓	✓
Freight on Value Carrier Risk	✓	✓	✓
Freight on Value Own Risk	✓	✓	✓
Freight to Collect	✓	✓	✓
Hold at Location	✓	✓	✓
Holiday, Special and Sunday Delivery	✓	✓	✓
Outside Delivery Area (ODA)	✓	✓	✓
Outside Pickup Area (OPA)	✓	✓	✓

Special Service Option	FedEx Priority Overnight™	FedEx Standard Overnight™	FedEx Economy
Priority Alert		✓	
Priority Alert Plus		✓	

Note: Freight on Value, C.O.D., D.I.A., and Sunday, Holiday and Special Delivery must be enabled for your account. See your FedEx Account Executive for more information on using these special handling options. Also, ODA is not supported with Hold at Location or Priority Alert/Priority Alert Plus, and Priority Alert is not supported with Inaccessible Dangerous Goods.

4.5 Restrictions for India

AM or PM Service Areas

Intra-Country shipments originating from either an AM or PM service area are not supported. If you process an *020 Global Ship Request* for a shipment originating from one of these service areas, Error Message 2785, "Domestic Shipments from this postal code are not allowed" is returned and the shipment fails.

Collect on Delivery (C.O.D.) or Delivery Invoice Acceptance (D.I.A.)

C.O.D. and D.I.A. are not supported with intra-India document shipments and intra-India Priority Overnight service.

Electronic Trade Documents

Electronic Trade Documents (ETD) are not supported for intra-India shipments.

Freight On Value

Freight On Value Own Risk and Freight On Value Carrier Risk cannot be requested together; they are mutually exclusive.

> *Note: Declared Value/Carriage Value can be used with Freight On Value.*

4.6 Rules for United Arab Emirates

Booking Number

If you process an *020 Global Ship Request* for a 1Day or 2Day Freight shipment and Field ID 1272 (Booking Number) is not set, and all other shipping data is valid, then the transaction is successful.

Document Shipments

All shipments to the United Arab Emirates must include Field ID 190 (Document Shipment Flag) set to either **Y** or **N** as a valid value.

Domestic Content Description

The Domestic Content Description is required for Intra-UAE shipments. If you process an *020 Global Ship Request* for an intra-UAE shipment and Field ID 3199 (Domestic Content Description) is not set, then Error Message 2754, "Shipment Contents required" is returned and the transaction fails.

Note: If this field is included, it is printed on the Thermal AWB and Laser shipping labels.

Postal Fee Surcharge

All intra-United Arab Emirates shipments are assessed a Postal Fee Surcharge, formally GPA Levy Tax, which requires shippers to indicate if the shipment is a "Document" or "Non-Document (commodities)."

4.7 General restrictions

The following restrictions apply to FedEx Express Intra-Country shipments.

- AT or RM Service Areas
- Intra-Country shipments for Austria, France, Italy, Russia, Spain, or Sweden originating from either an AT or RM service area are not supported. If you process an 020 Global Ship Request for a shipment originating from one of these service areas, Error Message 2785, "Domestic Shipments from this postal code are not allowed" is returned and the shipment fails.

4.8 Labels

4.8.1 Print quantities

The following number of labels are printed for all countries in which intra-country shipping is available:

- One shipping label
- Two consignee labels

  Note: Three copies of the consignee label are printed for Spain.

Intra-India shipments prints the following:

- 1 FedEx 1D xLabel
- 3 Air Waybill Labels
- 2 Return Labels for a C.O.D./D.I.A. shipment

4.8.2 Supported formats

Intra-Country shipping supports the following label types:

- Thermal Labels:
    - o 4 x 6 Doc tab
    - o 4 x 6 NonDoc tab
    - o 4 x 6.75 Non Doc tab
    - o 4 x 8.5 Tire Label
    - o 4 x 10.5 Tire Label
    - o 4 x 8
    - o 4 x 9

Note: For intra-UK shipments, the 4 x 9 thermal label is not supported. The only thermal label type that supports Special Delivery Instructions is 4 x 8.

- Thermal Images on Plain Paper

    o 4 x 6 PNG, DIB, PDF

    o 4 x 8 PNG, DIB, PDF

    o 4 x 9 PNG, DIB, PDF

- Plain Paper Types

    o PNG

    o DIB

    o PDF

Note: For intra-UK shipments, DIB is not supported.

4.8.3 Label content

In addition to the basic fields already printing on a Thermal AWB and Laser shipping label, the following fields are printed on intra-country shipping labels:

- 25 (Reference Information/Package Customer Reference Number)

- 2210 (RMA Number)

- 3199 (Domestic Content Description)

India

The following fields are printed on the label when included in an intra-India shipment.

- 8 (Sender State/Province)

- 16 (Recipient State/Province)

- 79 (Description of Contents) if Field ID 2396 is not provided

- 118 (Recipient IRS/EIN/VAT/EORI Number)

- 119 (Total Commodity Customs Value) - For an intra-India shipment this is referred to as the Invoice Value and prints as this on the label

- 488 (DG Cargo Aircraft Only Flag) set to "Y"

- 526 (Tracking Form ID)

- 1139 (Sender IRS/EIN/EORI Number)

- 1223 (Preassigned Form ID)

- 2396 (Document Description) if Field ID 79 is not provided

- 7000 (Operational Instructions Element #21)

- 7001 (Operational Instructions Element #22)

- 7002 (Operational Instructions Element #23)

- 7003 (C.O.D. Remitter Name)

- 7006 (C.O.D. Financial Institution Name)

- 7007 (C.O.D. Financial Institution City)

- 7008 (Freight On Value)

4.8.4 Doc tab Settings

The **Shipping Type** section of the Doc-tab Settings tab includes radio buttons for services depending on the origin meter selected. On an Intra-country shipping-enabled meter, the Express shipping option is displayed for that country in the Shipping Type.

U.S. Based Meter – Express

From the Doc tab field window, if "Express" radio button option is selected a new drop-down value "Pharmacy Delivery Indicator" is displayed for U.S. Domestic (50 States).

Figure 7: U.S. based meter -Express

Note: To optimize user experience, the drop-down list values are sorted in alphabetical order (A-Z or ascending sort order).

4.8.5 SEL-169 label text

You have the option to request the SEL-169 label text to be printed on Thermal Label Stock, Thermal image on plain paper or Plain Paper.

Thermal Label Stock: The user has the option to request the SEL169 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 8.5 Tire Label

- 4 x 10.5 Tire Label

- 4 x 8

- 4 x 9

   Note:

- *These are all the same formats that are currently supported for the shipping label.*
- *The user does 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.*
- *If at any time the SEL-169 text is requested to print directly on 4x6 thermal label stock or on a thermal label image, the text is not printed. For this scenario, the user needs to affix an alcohol label with the SEL-169.*

Thermal image on plain paper: The user has the option to request the SEL169 label text to be printed on a separate thermal image on paper. It is printed on a separate page in the same type and format of the shipping label on plain paper. The label image appears horizontally so that the entire label is visible when folded.

   Note:

- *This is available for all currently supported thermal images sizes and formats.*
- *The user cannot 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: The user also has 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 appears horizontally so that the entire label is visible when folded.

   Note: the existing label size and formats are supported

Customizable Sections

Thermal Label Stock: SEL-169 Alcohol Label Text: The user has 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

- 4x9

   Note:

- *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 tag functionality when including the SEL-169 label text in the 2" customizable section. If not specified, the SEL-169 text prints the FedEx generated portion of the label.*
- *If the SEL-169 label text is requested for an alcohol shipment, it takes precedence over any other customizable data passed in the transaction.*
- *If the SEL-169 label text is requested and 4x6 (with or without DocTab) is specified as the size, the SEL-169 text is not printed.*
-

Thermal image on plain paper: The user has the option to request the SEL169 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 appears horizontally so that the entire label is visible when folded.

> *Note:*
>
> - *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 tag 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.*
> - *If the SEL-169 label text is requested for an alcohol shipment, it shall take precedence over any other customizable data passed in the transaction.*
> - *If the SEL-169 label text is requested and 4x6 (with or without DocTab) is specified as the size, the SEL-169 text is not printed.*

Non-standard Destinations

Thermal Label Stock: If the user has 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 requires a separate SEL-169 label.

If user has indicated value as "1" for tag#5701 (Alcohol Shipment Label Indicator), a second label is automatically printed containing the larger non-standard SEL-169 label text.

OR

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

> *Note: Any customized label values in the request will be ignored by CLS.*

Thermal image on plain paper: If the user has 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 will print in the 2" customizable section of the label on plain paper indicating the destination state, then a separate SEL-169 label is required.

If user has indicated value as "1" for tag#5701 (Alcohol Shipment Label Indicator), a second label is automatically printed containing the larger non-standard SEL-169 label text.

OR

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

> *Note:*
>
> - *If the format is PDF, the second label shall be returned in the same buffer with the shipping label.*
> - *If the format is PNG or DIB, the second label shall be returned in a different label buffer than the shipping label.*
> -

Plain paper: If the user has 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 shall print below the actual shipping label data on the 4x8 image.

If user has indicated value as "1" for tag#5701 (Alcohol Shipment Label Indicator), a second label is automatically printed containing the larger non-standard SEL-169 label text using the 4x6 image or if user has indicated value as "3" for tag#5701 (Alcohol Shipment Label Indicator), a second label with the

lager SEL-169 label text should not be printed at all. Label images appear horizontally so that the entire label is visible when folded.

> *Note:*
> - *If the format is PDF, the second label will be returned in the same buffer with the shipping label.*
> - *If the format is PNG or DIB, the second label will be returned in a different label buffer than the shipping label.*
> - *The existing plain paper label size and formats are supported.*

4.9 Shipping documents

4.9.1 General

The value of Field ID 119 (Total Commodity Customs Value) is internally converted from numerical value into words and printed on the Pro forma Invoice and the Customer Invoice preceded by "Amount in Words" in the special instructions section on both documents.

4.10 Affected transactions

The following transactions are affected by the FedEx Express intra-country expanded services.

4.10.1 004/104 Tracking Number transaction

Transaction Function

The 004 Tracking Number Request has added the following new values for Field ID 1989 (Transaction Function) allowing increased flexibility:

- 08 - Use legacy behavior; Field ID 499 (Tracking Number Request Type) is then required
- 09 - Return a tracking number only
- 10 - Return a form ID and a tracking number

Tracking Numbers and Form IDs

When the 004 Tracking Number Request includes

- Field ID 499 (Tracking Number Request Type), the appropriate value is returned depending upon which country the request originated in and the shipment details.
- Field ID 1989 set to 09—Return a tracking number only, you can request a tracking number without being required to know the specific Tracking Number Request Type (Field ID 499). However, Field ID 1274 (Service Type) and Field ID 1274 (Ground® Economy Service Type/Postal Indicia) must also be included to match the tracking number to the service being used. This allows you to get a preassigned tracking number without knowing the form ID.
- Field ID 1989 (Transaction Function) set to 10—Return a form ID and a tracking number, include these fields to determine the correct Form ID.
- Field ID 8 (Sender State/Province); only required if requested from a Puerto Rico meter
- Field ID 27 (C.O.D. Flag)
- Field ID 50 (Recipient Country)

- Field ID 117 (Sender Country Code)

- Field ID 1209 (Priority Alert Flag)

- Field ID 1850 (Priority Alert Plus Flag)

- Field ID 1989 (Transaction Function)

- Field ID 2382 (Return Shipment Indicator); required for print or email returns

- Field ID 2600 (Package Associate and Print Mode); specifies Print-At-The-End (PATE) or Print-As-You-Go (PAYGO)

- Field ID 2805 (ETD Indicator)

- Field ID 3309 (TPC Flag)

- Field ID 5503 (Delivery on Invoice Acceptance) - Identify the appropriate tracking number for the service used:

    o Field ID 1274 (Service Type)

    o Field ID 1274 (Ground® Economy Service Type/Postal Indicia)

The 104 Tracking Number Reply returns the following Tracking Number, Form ID and Operational information:

- Field ID 0 (Transaction Code)

- Field ID 1 Customer Transaction

- Field ID 2 (Error Code)

- Field ID 3 (Error Message)

- Field ID 29 (Tracking Number)

- Field ID 526 (Form ID)

- Field ID 671 (Tracking ID Type)

- Field ID 672 (Secondary Tracking ID Type)

- Field ID 673 (Master Tracking ID Type)

- Field ID 668-# (Operational Instructions Element #18)

- Field ID 669-# ((Operational Instructions Element #19)

- Field ID 670-# ((Operational Instructions Element #20)

- Field ID 90 (End of Record Indicator)

Returns

Include Field ID 2382 (Return Shipment Indicator) if a Print Return or an Email Return Form ID is required. Also include Field ID 2600 (Package Associate and Print Mode) to specify the type of package association and print label mode to use: print-at-the-end or print-as-you-go. For more information regarding print and email return label generation. Refer FedEx Global Return solutions for more details.

Package Sequence

Field ID 1117 (Package Sequence) is now supported in the 004 Tracking Number Request.

*Note: If a value is not provided then it defaults to **1**. If the value is set to **1**, then this is treated as a request for a master package tracking number and/or form code. If the value is greater than **1**, then this is treated as a request for a child package tracking number and/or form code.*

4.10.2 007/107 End-of-Day Close transaction

Field ID 1063 (International Shipment Flag) and Field ID 1064 (Domestic Shipment Flag) can be associated only with the 007/107 End of Day Close Request/Reply transaction. They no longer apply to the 024/124 Shipment Query Request/Reply transaction. Instead, use Field ID 1689 (Shipment Query Code) to query the FSMS Ship History database.

107 End-of-Day Close Reply

The following fields are returned in the 107 End of Day Close Reply:

- 1063 (International Shipment Flag) - returned only on international shipments
- 1064 (Domestic Shipment Flag) - returned only on intra-country shipments
- 1939 (Cycle Sequence) - sequence number for domestic or international depending upon the shipment
- 3025 (Carrier Code)

Intra-Country and International Shipments

Close Option for Intra-UK Shipments

You can indicate the type of close for intra-UK shipments for both Domestic and International shipments.

This is indicated via existing tag#1064 (DOM Shipment flag) and/or tag#1063 (International Shipment Flag).

- If you indicate EOD just for Domestic, then only Domestic shipments are closed and the courier report would only contain Domestic shipments.
- If you indicate EOD just for International, then only International shipments are closed and the courier report contain only International shipments.
- If you indicate EOD for both Domestic and International, both shipment types are closed. However, since the current format of these two reports are different, Domestic and International does not appear on a single report. Separate reports are generated for each.
- If you have not indicated any close type, both Domestic and International will be closed, if shipments are present.

India

The Pro Forma Invoice and the Customer Invoice are required if Field ID 2397 (Purpose of Shipment Code) is set to either 01— Sold or 02 — Not Sold depending on the service type, as listed in this table. All commodities provided with the shipments must be included on the Commercial Invoice and the Pro Forma Invoice.

Note: Only four commodity types per shipment will be printed on the label.

Table 39: Intra-India required shipping documents

Service Type	Customer Invoice	Pro forma Invoice
FedEx Priority Overnight™ Document Shipment		
FedEx Priority Overnight™ Non-Document Shipment		Required
FedEx Standard Overnight™	Required	Required
FedEx Economy™	Required	
FedEx 1Day Freight™	Required	

Note: For FedEx Standard Overnight, either the Customer Invoice or the Pro forma Invoice is required. If the shipment is a document and the total piece weight is more than 31 kgs, then the Pro Forma Invoice is required; otherwise the Customer Invoice is required. For service types that allow C.O.D. and/or Delivery on Invoice Acceptance (D.I.A.), the remit shipment does not require either the Commercial Invoice or Pro Forma Invoice since they are document shipments.

A digital letterhead and/or a digital signature may be added to the Universal Commercial Invoice or the Pro forma Invoice for an intra-India shipment via the Report Settings tab and/or the 070/170 Meter Query Configuration transaction.

4.10.3 020/120 Global Ship transaction

The 020/120 Global Ship Request/Reply transaction supports the field enhancements listed in Field Updates.

Shipping methods impacted are:

- Single Piece
- Single Shot
- Open Ship - regular

Domestic Content Description

Field ID 3199 (Domestic Content Description) is optional for intra-country shipments in all countries except Mexico where it is not supported and the United Arab Emirates where it is required.

Rating

If List Rates on the Meter Settings tab in the Express section is checked and rates have downloaded, or if Field ID 3062 (Rate Quote Type) is set to 2 - List Rates and Discount Rates and the 020 Global Ship Request includes any of the following fields:

- Field ID 1234 (Rate/Route/Time-in-Transit Flag) set to 1— Rate Quote or 3—Rate Quote and Route
- Field ID 541 (Open Ship Flags) position 3—Rate is set to Y

Then Field ID 1757 (List intra-country Tax) and Field ID 1758 (intra-country Tax) will be returned in the 120 Global Ship Reply.

If Dynamic Surcharging is configured, then Field ID 1945 (List Dynamic Surcharge Field) and Field ID

1947 (Dynamic Surcharge Field) are returned in the 120 Global Ship Reply with the appropriate new code(s) for either the intra-country Tax (Field ID 1758) or List intra-country Tax (Field ID 1757).

Note: If List Rates are not on the device or if not implemented, they will not be returned.

When invoking dynamic surcharging, the surcharge amounts will not be returned in separate surcharge tags. Rather the individual surcharge amounts are included in the separate occurrences of tag # 1946, 1948 and 2849.

United Arab Emirates

The "UAE Postal Fee Surcharge," formerly known as "GPA Levy Tax" is included in the 120 Global Ship Reply and is applied automatically at the shipment level.

4.10.4 025/125 Rate Available services transaction

Intra-Country Tax

List and Customer Discounted rates are supported for Intra-Country shipping. Also, the detailed rate quote includes the Intra-Country Tax (Field ID 1758) and List Intra-Country Tax (Field ID 1757).

To obtain rating information for FedEx Express Intra-Country shipping in an 025 Rate Available Services Request,

- Set Field ID 50 (Recipient Country Code) to a valid Intra-Country shipping origin and

- Set Field ID 1274 (Service Type) to a valid Intra-Country service type.

Note: Dynamic Surcharging does not return in the 125 Rate Available Services Reply, even if it is configured.

Rating

When processing a 025 Rate Available Services Request if:

- There is data that applies to an Intra-Country shipment

- Field ID 1234 (Rate/Route/Time-in-Transit Flag) is not set, allowing it to be defaulted, or is set to 1 — Rate Quote or 3 — Rate Quote and Route

- List Rates on the Meter Settings tab in the Express section is checked, and rates have downloaded, or if Field ID 3062 (Rate Quote Type) is set to 2 - List Rates and Discount Rates

- Dynamic Surcharging is not configured then the 125 Rate Available Services Reply returns the Intra-Country Tax (Field ID 1758) and List Intra-Country Tax (Field ID 1757).

- Dynamic Surcharges are not returned in the 125 Rate Available Services Reply when it is configured.

Note: If List Rates are not on the device or if not implemented, then List Rates are not returned.

United Arab Emirates

The "UAE Postal Fee Surcharge," formerly known as "GPA Levy Tax" is included in the 120 Global Ship Reply and is applied automatically at the shipment level.

4.10.5 070/170 Meter Query Configuration transaction

The new values in Field ID 3121 (Doc-tab Values) and Field ID 1619 (Doc-tab Type) will be supported for the Intra-Country Tax and the List Intra-Country Tax.

4.11 Transaction fields for FedEx Express in Intra-Country markets

The following table lists the transaction fields required to ship a FedEx Express package or shipment. See other special service options, such as Hold at Location, for additional fields.

Table 40: Fields required for FedEx Express in Intra-Country markets

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
Transaction Code						
0	Max=3	N	I/O	All	All	Field level: Shipment **Required** **Description** • Transaction code field indicates the start of a transaction. • For example, 0,"020" or 0,"20" signifies the start of the 020 *Global Ship request* transaction. • For shipping, use Single Shot, Single Piece, Openship, or MPS.
Customer Transaction Identifier						
1	Max=30	N	I/O	All	All	Field level: Shipment **Required** **Description** Customer Transaction Identifier field allows the customer to link the transaction Replies to the transaction Requests in case of a bulk shipment.
Recipient Company						
11	FDXG and FDXE Max=35 FXGE Max=30	A/N	I	All	All	Field level: Shipment **Required** *Required if shipment is being sent to a company. If this field is not applicable, Field 12 (Recipient Name) must be completed. **Description** • Recipient Company field indicates

| Field ID | Field length | Data Type | Input/Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						the company name of the recipient. • For shipping, use Single Shot, Single Piece, Openship, or MPS.
Recipient Contact Name						
12	FDXG and FDXE Max=35 FXGE Max=30	A	I	All	All	Field level: Shipment **Required** • *Required if a recipient company is not provided. • *Required for all C.O.D. (U.S. and CA Ground services only), alcohol, bill recipient, and bill third party. • *Required for Hold at Location service **Description** • Recipient Contact Name field specifies the contact name of the recipient. • For shipping, use Single Shot, Single Piece, Openship, or MPS.
Recipient Address Line 1						
13	Max=100	A/N	I	All	All	Field level: Shipment **Required** **Description** • Recipient Address Line 1 field states the first address line of the recipient address. • Field contains street number and street name. • For shipping, use Single Shot, Single Piece, Openship, or MPS.
Recipient Address Line 2						
14	Max=100	A/N	I	All	All	Field level: Shipment **Required**

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						*Required if the address contains secondary address elements such as apartment number, suite number, floor building, and so forth in addition to the street name and street number provided in Field 13 (Recipient Address Line 1). **Description** • Recipient Address Line 2 field states the second address line of Recipient. This is the address to which the shipment is sent. • For shipping, use Single Shot, Single Piece, Openship, or MPS.
Recipient Address Line 3						
2944	Max=100	A/N	I	All	All	**Field level:** Shipment **Optional** **Description** Recipient Address Line 3 field states the third address line of Recipient. This enables the customer to include an additional recipient address line in a transaction.
Recipient City						
15	FDXG and FDXE Max=35 FXGE Max=30	A	I	All	All	Field level: Shipment **Required** **Description** • Recipient City field indicates the city name of the recipient. • Minimum three characters are required and the leading character cannot be numeric. • FedEx Ground is limited to 20 characters. • If a military address state code (AA, AE, or AP) is passed in Field 16 in the 020 Shipping transaction for a FedEx Ground® Economy shipment,

Field ID	Field length	Data Type	Input/ Output	FedEx shipping		Basic Shipment Fields Description
				Carrier Code (Services)	Valid for	

						FSMS allows a value of *PO, such as APO, FPO, or DPO to be passed in for the recipient city.
						
						• Valid values are:
						
						  o APO — Army Post Office
						
						  o FPO — Fleet Post Office
						
						  o DPO — Diplomatic Post Office
						
						Notes:
						
						*If a customer attempts to process a FedEx Ground® Economy shipment to one of the AA, AE, or AP state codes (Field 16) and the Recipient City (Field 15) code begins with any value other than *PO (where * represents a wildcard before the letters 'PO' as in APO, FPO, or DPO), Error Code 2731 is returned, with the message "The city name must begin with APO, FPO, or DPO for this destination", and the transaction fails.*
						
						• International FedEx Ground® Economy shipments can only be made to military addresses.
						
						• If FedEx Ground shipment, city name is limited to 20 characters.
						
						• For shipping, use Single Shot, Single Piece, Openship, or MPS.

Recipient State/Province						
16	Max=2 CA, PR, U.S. Max=14 Other countries	A	I	All	All	Field level: Shipment **Required** *Required for U.S., CA, PR **Description** • Recipient State/Province field indicates the state/province name of the recipient. • Length is 2 for CA, PR, and U.S. • Length is 14 for all others. • For shipping, use Single Shot, Single

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						Piece, Openship, or MPS. • Values for shipments to American armed forces are: o AA— Armed Forces Americas o AE— Armed Forces Europe o AP — Armed Forces Pacific *Notes:* • International Ground® Economy shipments can only be made to military addresses. • If Field ID 16 (Recipient State) is not present in the transaction when creating a Return Shipment, FSMS does not default it to the state code associated with the meter in the configuration screen unless, the recipient country code present in the transaction matches the country code configured for the meter. • If Field ID 16 (Recipient State) is present in the transaction when creating a Return Shipment, FSMS does not default or override it with the state code associated with the meter in the configuration screen even if the country codes match.
Recipient Postal Code						
17	Max=10	A/N	I	All	All	Field level: Shipment **Required** *Required for countries which use postal codes. **Description** • Recipient Postal Code field indicates the postal code for the city and state or province of the Recipient.

| Field ID | Field length | Data Type | Input/Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						• For FedEx international shipments: Canada (CA), Puerto Rico (PR) and U.S. must always use valid postal codes. • For shipping, use Single Shot, Single Piece, Openship, or MPS.
Recipient Phone Number						
18	Max=15	N	I	All	All	Field level: Shipment **Required** **Description** • Recipient Phone Number field specifies the contact number of the Recipient. • This number is used for FedEx® Collect on Delivery (C.O.D.), Hold at Location (HAL) and Alcohol shipments. *Note: Do not include non-numeric characters such as a parenthesis or dash. For shipping, use Single Shot, Single Piece, Openship, or MPS.*
Payor Account Number						
20	Max=9	N	I	All	All	Field level: Shipment **Required** *Required if Field 23 (Payment Code) is Bill 3rd Party. **Description** • Payor Account Number field specifies the nine-digit FedEx account number of company or person to be billed for the shipment. • If any pay type other than 1 (bill shipper) is entered, rates are not returned in the 125 Rate Available Services Reply transaction. • For shipping, use Single Shot, Single

Field ID	Field length	Data Type	Input/ Output	FedEx shipping		Basic Shipment Fields Description
				Carrier Code (Services)	Valid for	
						Piece, Openship, or MPS.
Pay Type						

23	Max=1	N	I	FDXE FDXG FXGE	All	Field level: Shipment **Required** **Description**
						
						• Pay Type field indicates the code for payment type. Codes are different for FedEx Express and FedEx Ground shipments.
						
						• FedEx Ground® payment types are:
						  o 1 — Prepaid
						  o 2 — Collect (not for C.O.D.)
						  o 3 — Bill Third Party
						  o 5 — Bill Recipient
						
						• FedEx Express® payment types are:
						  o 1 — Bill Sender
						  o 2 — Bill Recipient or Consignee
						  o 3 — Bill Third Party
						
						Note: If any pay type (Field 23) other than 1 (Bill Sender and Prepaid) is entered, rates are not returned in the 125 Rate Available Services transaction.
						
						• FedEx Ground® Economy payment types are:
						  o 1 — Bill Sender (default)
						  o 3 — Bill Third Party
						
						• Ground® Economy Returns payment types are:
						  o 3 — Bill Third Party
						  o 6 — Bill Associated Account
						
						Note: If you are processing an 020 Global Ship Request for a Ground® Economy Returns shipment with Field 1274 set to SR, and the shipper account number is the

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						same as the return account number, Field 23 will be set to 1 (Bill Sender). Field 23 has been modified to add value 6 for Ground® Economy Returns shipments. If you are processing an 020 Global Ship Request for a Ground® Economy Returns shipment with Field 1274 set to SR, and the shipper account is not the same as the return account number, Field 23 will be set to 6 (Bill Associated Account). • For shipping, use Single Shot, Single Piece, Openship, or MPS.
Ship Date						
24	Max=8	N	I	FDXE FDXG	All	Field level: Shipment **Required** *Required for Future Day shipping. **Description** • Ship Date field indicates the date of shipment. • For FedEx Express, the ship date can be set in advance up to the number of days allowed by the date range in the URSA file; includes IPD, IDF, IED and Returns services. • FedEx Ground and FedEx Home Delivery ship dates can be set up to 90 days in advance, and the ship date can be set to unlimited using the Limit Ground Future Day (90 days) checkbox in the Systems Settings tab of the FSMS Configuration Utility. • Default: Current meter date. For example, July 1, 2005 is coded as: 20050701 • For shipping, use Single Shot, Single Piece, Openship, or MPS.
Reference Information/Package Customer Reference Number						

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
25-#	Max=39	A/N	I	ALL	U.S. INTL	Field level: Package for all services except for FedEx Express International MPS, which is shipment level. *Note: All package or shipment level Ground Reference fields shall be available for use for shipments: package level 3056, 3057, and 25, or shipment level 3001, 3002, and 3003. If both are present in the transaction, shipment level fields take precedence. Ground® Economy does not support shipment level fields.* **Optional** **Description** • Reference Information/Package Customer Reference Number field specifies the optional notes (FedEx Express) and customer reference number CRN (FedEx Ground) that are used to identify the package. • Use this field for optional notes (FedEx Express) and customer reference number CRN (FedEx Ground). • For all other services, this field is a package-level field and must not be used if a shipment-level customer reference number (CRN) has been assigned in Field 3003 (Shipment Customer Reference Information). • This field prints the reference information on the FedEx Express shipping label, various reports, and the FedEx Express Shipper's Declaration for Dangerous Goods form (FedEx Express 1421C or LZR DG DEC FORM). • This value is also displayed in the Customer Reference field on the FedEx Ground invoice. • For shipping, use Single Shot, Single Piece, Openship, or MPS.

| Field ID | Field length | Data Type | Input/Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
Sender/Origin Department						
38	Max=35	A	I	FDXE FDXG	All	Field level: Shipment **Optional** **Description** • Sender/Origin Department field indicates the name of the department or shipping origin. This allows to override the default origin department setting in the FSMS Configuration Utility. • When used in the *020 Global Ship* Request transaction, the name prints on all shipping details. • For FedEx Ground shipments, it prints on the invoice. • For shipping, use Single Shot, Single Piece, Openship, or MPS.
Recipient Country						
50	Max=2	A	I	FDXE FDXG FXGE	U.S. INTL	Field level: Shipment Required • *Required for FedEx International Priority DirectDistribution® (IPD), FedEx International Economy DirectDistribution℠ Service (IED) and FedEx International Priority DirectDistribution® Freight (IDF) shipments. • *Required for Openship function. **Description** • Recipient Country field specifies the two-character code indicating the country of the Recipient address. • For shipping, use Single Shot, Single Piece, Openship, or MPS.
Package Height						

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	

57-#	Max=3	N	I	FDXE FDXG FXGE	All	Field level: Package
						Required or Optional
						*Required for shipping FedEx Express Freight.
						Description
						• Package Height field specifies the height measurement per package.
						• No implied decimal places.
						• Recommended if using customer packaging to ensure accurate billing as dimensional weighting or oversize conditions may apply.
						• For FedEx Ground® Economy:
						  o Field is optional.
						  o Always enter in inches.
						  o Minimum dimensions are 6" L x 4" W x 1" H.
						  o Maximum FedEx Ground® Economy height is 17.
						• Refer to the FedEx Service Guide for service details related to DIM Weighting for FedEx Express and oversize conditions for FedEx Express and FedEx Ground.
						• For shipping, use Single Shot, Single Piece, Openship, or MPS.
						Note: FSMS does not sort dimensions. For correct dimensional weight calculations, the longest dimension must be placed in Field 59 (Package Length).

Package Width						
58-#	Max=3	N	I	FDXE FDXG FXGE	All	Field level: Package Required or Optional *Required for shipping FedEx Express Freight. **Description** • Package Width field indicates the

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	

						width measurement per package.
						
						• No implied decimal places.
						
						• Ensures accurate billing for customer packaging because in this type of packaging, dimensional weighting or oversize conditions is applied.
						
						• For FedEx Ground® Economy:
						
						  o Field is optional
						
						  o Always enter in inches.
						
						  o Minimum dimensions are 6" L x 4" W x 1" H.
						
						Note: Ground supports same dimensions.
						
						• For shipping, use Single Shot, Single Piece, Openship, or MPS.
						
						Note: FSMS does not sort dimensions. For correct dimensional weight calculations, the longest dimension must be placed in Field 59 (Package Length).

Package Length						
59-#	Max=3	N	I	FDXE FDXG FXGE	All	Field level: Package Required or Optional *Required for shipping FedEx Express Freight. **Description** • Package Length field indicates the length of the package. • No implied decimal places. • Ensures accurate billing for customer packaging because in this type of packaging, dimensional weighting or oversize conditions will be applied. • For FedEx Ground® Economy: field is optional; always enter in inches. • Minimum dimensions are 6" L x 4" W

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						x 1"H.
						• For shipping, use Single Shot, Single Piece, Openship, or MPS.
						Note: FSMS does not sort dimensions. For correct dimensional weight calculations, the longest dimension must be placed in Field 59 (Package Length).
Declared Value/Carriage Value						
69-#	Max=14.2	N	I	FDXE FDXG	All	Field level: Shipment for FedEx Express International shipments, Package FedEx Express - U.S., FedEx Ground and FedEx Express intra-CA shipments.
						Required
						*Required for all U.S. shipments that are insured with FedEx.
						Description
						• Declared Value /Carriage Value field specifies the total dollar amount declared or carriage value of the shipment.
						• This field supports the 14.2 numeric format and has two implied decimal places.
						• The values of this field must contain only numeric characters and no special characters such as ",", ".", or "$".
						• For shipping, use Single Shot, Single Piece, Openship, or MPS.
						• If the Declared Value per Unit is in the wrong currency, FSMS returns Error Message 2458, 'Declared Value per Unit in Freight Shipment Detail - Invalid Currency."
						• If the Declared Value per Unit is the wrong amount, FSMS returns Error Message 2459, 'Declared Value per Unit in Freight Shipment Detail - Invalid Amount.'

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						Note: • *All currency fields for FedEx Express Freight must be in USD. When used to create/print a Bill of Lading (BOL) for FedEx Express Freight, the declared value cannot exceed $100,000 USD. Carriage Value cannot exceed the Customs Value.* • *If you need to use a 14.2 numeric format, use Field 69.* • *Refer the FedEx Service Guide for allowable limits. Carriage value per package.*
Terms of Sale						
72	Max=1	N	I	FDXE	All INTL	Field level: Shipment **Required** *Required if Field 113 is set to Y. **Description** • Terms of Sale field indicates the terms of the shipment. • Valid values are:

1 — FCA - Free carrier	6 — DDP - Delivered duty paid
2 — CIP - Carriage and insurance paid to	7 — DPU - Deliver at Point of Unloading
3 — CPT - Carriage paid to	8 — DAP - Delivered at Place
4 — EXW - Ex Works	9 — Others
5 —Obsolete	

Field ID	Field length	Data Type	Input/ Output	Carrier Code (Services)	Valid for	Basic Shipment Fields Description
Weight Units						
75	Max=3	A	I	FDXE FDXG	All	Field level: Shipment **Required** Default: LBS **Description**

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	

						• Weight Units field indicates the type of weight for the shipment.
						
						• Valid values:
						
						   o LBS - Weight in pounds
						
						   o KGS - Weight in kilograms
						
						Note: For Domestic U.S. to U.S. shipments, weight must be entered in LBS

Package Total						
116	Max=4	N	I	FDXE	All	Field level: Shipment **Required** *Required for a multiple-piece shipment (MPS). **Description** • Package Total field indicates the total number of packages in a shipment, including the master package. • For all MPS shipments, the software performs the package count summation based on the number of occurrences of Field 1670-# (Fractional Package Weight) and overrides any input value. • If you enter 1670-1, 1670-2, 1670-3, and do not enter 116, then FSMS counts the packages and states 3. • For shipping, use Single Shot, Single Piece, Openship, or MPS. *Note: You can use this field for FedEx International shipments if you supply shipment Total Packages and Total Weight. For FDXG service, see Field 1670.*
Recipient IRS/EIN/VAT/EORI Number						
118	Max=18	A	I	FDXE	INTL	Field level: Shipment **Optional** **Description**

Field ID	Field length	Data Type	Input/ Output	FedEx shipping		Basic Shipment Fields Description
				Carrier Code (Services)	Valid for	
						• Recipient's tax identification number which is the number for the Internal Revenue Service (IRS) Employer Identification Number (EIN), Value Added Tax (VAT), Economy Operator Registration and Identification Number, or other import identification number depending on the country of destination. • It is printed on the commercial invoice (CI) and/or on the International Master Air Waybill (MAWB).
Pre-Ship Validation Flag						

184	Max=1	A	I	FDXE FDXG	All	Field level: Shipment
						 Optional
						 Description
						
						 • Pre-Ship Validation Flag field is used to pre-validate shipping information prior to processing the shipping transaction.
						
						 • This can be used in Openship shipments or in a single transaction for FedEx Express and FedEx Ground shipping.
						
						 • Valid values are:
						   o Y — Data validated (for any shipping method, but for Openship after shipment is committed to the database)
						   o P — Data validated (for Openship only - before shipment is committed to database)
						   o N — Ships and label produced
						
						 • Use with Field 541 (Openship Flags)

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						set to NNNNNNNNN.
						• For shipping, use Single Shot, Single Piece, Openship, or MPS.
						• As a best practice, use this option on all rate and route transactions.
						Note: Do not use this field with field 1234. Use one or the other, but not both in the same transaction.
Residential Delivery Flag						

440	Max=1	A	I	FDXE FDXG FXGE	U.S. INTL	Field level: Shipment
						 Required
						 *Required for Residential Delivery
						 Description
						 • Residential Delivery Flag field indicates whether the shipment is for residential delivery.
						 • Valid values:
						    o Y - Residential delivery
						    o N - Non-residential delivery
						 • The residential delivery surcharge is returned in Field 429 (Residential Surcharge).
						 • For shipping, use Single Shot, Single Piece, Openship, or MPS.

Parent meter Number						
497	Min=7 Max=9	N	I	All	All	Field level: Shipment **Optional** **Description** Parent meter Number field specifies the number, which is set up in the FSMS Configuration Utility as the parent meter.
Meter Number						
498	Min=1 Max=9	N	I/O	All	All	Field level: Shipment **Required**

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						• *Required if the meter number is different than the meter number configured as the default. • Default: Parent meter **Description** • Meter Number field provides the unique number assigned to the Shipper's FedEx account number that is used in each transaction. It identifies the revenue/ shipping activity of a shipment. • This field ensures the tracking number obtained is from the range assigned in the requesting meter. • Meter numbers can be of length up to nine-digits. • If one to one relationship exists between meter numbers and account numbers, the meter number or the account number is used in the transaction. *Note: Field ID 10, Account Number, can be used instead of Field ID 498, Meter Number, if there is only one meter per FedEx Express account number on the server.*
Openship Flags						

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
541	Max=9	A	I	FDXE FDXG FXGE	All	**Field level: Package** **Required** *Required for Openship. **Description** • Openship Flags identifies transaction functions using nine one-byte flags which are set to Y to indicate shipment level or package level flag. • Default: YNNNNNNNY (CREATE and CONFIRM the Openship shipment.) • Specify Y in the position(s) of the Openship functions used for a given transaction. Specify N in all other positions. All flags must be used and must be either Y or N. If you enter all Ns, all Openship functions are disabled. • Each one-byte flag is defined in sequence in the array as follows: {{TABLE}}
Openship Index						
542	Max=9	A/N	I	FDXE FDXG FXGE	All	**Field level: Package** **Required** *Required for Openship.

Inner table for field 541:

1 — CREATE an Openshipment	6 — EDIT/ADD data to the entire shipment
2 — ROUTE/Time in Transit	7 — DELETE a package
3 — RATE	8 — DELETE the shipment
4 — ADD a piece/package	9 — CONFIRM the shipment
5 — EDIT a piece/package	

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						Description • Openship Index field is a unique number per Openship shipment per meter. It is set to the unique number passed in the CREATE transaction. • For shipping, use Openship. *Note: Field 542 is not:* • Required if you are simultaneously performing a CREATE or ADD transaction. • Used for IPD open shipping. Instead use Field 1355 (IOR Facility Code) with Field 24 (Ship Date) and Field 1274 (Service Type) to form a unique shipment • Examples of simultaneous transactions are: YYNNNNNNN which performs a shipment level CREATE and Route/Time in Transit transaction or NYNYNNNNN which performs a package level ADD and shipment level Route/Time in Transit together in the same transaction.
Tracking ID Type						
671	Min=1 Max=2	A/N	I/O	FDXE FDXG FXGE	All	Field level: Package **Optional** **Description** • Tracking ID Type identifies the type of tracking number that was requested or returned. If more than one type of tracking number exists for a given piece, then this field will correspond with Field 29 (Tracking Number). • For example, Ground® Economy Small Shipper or Ground® Economy Returns supports two different

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	

						tracking numbers
						• Valid values are:
						  o 1 — Express (Legacy Barcode)
						  o 2 — FEDEX
						  o 3 — Ground (Legacy Barcode/Tracking Number)
						  o 4 — INTERNAL
						  o 5 — USPS

Secondary Tracking ID Type						

672	Min=1 Max=2	A/N	I/O	FDXE FDXG FXGE	All	Field level: Package
						Optional
						Description
						• Secondary Tracking ID Type identifies the type of tracking number requested or returned for secondary tracking number. If more than one type of tracking number exists for a given piece, then one tracking number is returned for a given piece (for example, Ground® Economy Small Shipper or Ground® Economy Returns). This Secondary Tracking ID type corresponds to the existing CTS "Secondary Tracking Number" Field 4926.
						• For example, Ground® Economy Small Shipper or Ground® Economy Returns supports two different tracking numbers)
						• Valid values are:
						  o 1 — Express (Legacy Barcode)
						  o 2 — FEDEX
						  o 3 — Ground (Legacy Barcode/Tracking Number)

| Field ID | Field length | Data Type | Input/Output | FedEx shipping | | Basic Shipment Fields |
				Carrier Code (Services)	Valid for	Description
						o 4 — INTERNAL
						o 5 — USPS
						o 6 through 99 — Reserved for Future Use
Master Tracking ID Type						
673	Min=1 Max=2	A/N	I/O	FDXE FDXG FXGE	All	Field level: Shipment **Optional** **Description** • Master Tracking ID Type identifies the type of master tracking number requested or returned. • Valid values are: o 1 — Express (Legacy Barcode) o 2 — FEDEX o 3 — Ground (Legacy Barcode/Tracking Number) o 4 — INTERNAL o 5 — USPS o 6 through 99 — Reserved for Future Use
Package Sequence						
1117	Max=4	A	I	FDXE FDXG	All	Field level: Package **Required** *You must use Field 1117 for the first piece and all occurring pieces in a multiple-piece shipment. **Description** • Sequence number for multiple-piece shipments (MPS). • For shipping, use MPS. • Valid values are positive natural numbers only (1-9998); no decimal

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						places are allowed. *Note: If a value is not provided then it defaults to 1. If the value is set to 1, then this is treated as a request for a master package tracking number and/or form code. If the value is greater than 1, then this is treated as a request for a child package tracking number and/or form code.*
Sender IRS/EIN/EORI Number						
1139	Max=18	N	I	FDXE	INTL	Field level: Shipment **Optional** **Description** • IRS number, Employer Identification Number (EIN), or Economy Operator Registration and Identification Number (EORI) of the shipment Sender. • Use for shipper's Export Declaration Electronic Export Information (EEI) shipments only. • Use Field 1352 (Sender Identification Type) to identify the number you enter is an Employer Identification Number (EIN).
Recipient Department Name						
1145	Max=12	A	I	FDXE	All	Field level: Shipment **Optional** **Description** • Recipient Department Name field indicates the department name for the package destination address. • For shipping, use Single Shot, Single Piece, Openship, or MPS.
Rate/Route/Time-in-Transit Flag						
1234	Max=1	N	I	FDXE	All*	Field level:

Field ID	Field length	Data Type	Input/ Output	FedEx shipping		Basic Shipment Fields Description
				Carrier Code (Services)	Valid for	

				FDXG FXGE		• Shipment for single transactions.
						
						• Package for 020/120 Global Ship Request/Reply Openship transactions.
						
						Optional
						Description
						
						• Rate/Route/Time-In-Transit Flag field indicates the Rate/Route/Time-in-Transit flag.
						
						• Route is for FedEx Express and Time-in-Transit is for FedEx Ground.
						
						• Valid values are:
						   o 1 — Rate Quote
						   o 2 — Route/Time in Transit
						   o 3 — Rate Quote and Route
						
						• *CA and U.S. origins can rate; all origins can route.
						
						• Valid FedEx Ground® Economy values are:
						   o 1 — Rate Quote
						   o 3 — Rate Quote and Route
						
						• Passing this field in a transaction returns a rate quote only, and the shipment is not processed for shipping.
						
						• To ship a package after a rate/route request, code this field in a new *020 Request* transaction with no value: 1234,""
						
						• For shipping, use Single Shot, Single Piece, Openship, or MPS.
						
						• For Openship shipments, capture rate quotes by setting position 3 to Field 541 (Openship Flags) to Y.
						
						Note: Do not use this field with field 184. Use one or the other, but not both in the same transaction.

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
Packaging Type						
1273-#	Max=2	N	I	FDXE FDXG FXGE	All	Field level: Shipment **Required** **Description** • Packaging Type field specifies the type of packaging that the user can opt for. • For FedEx Express (U.S. and international) only: o 01 — Customer Packaging o 02 — FedEx Packaging, Express only o 03 —FedEx Box o 04 — FedEx Tube o 06 — FedEx Envelope • For FedEx, International only (including U.S. Export) o 15 — FedEx 10 KG Box o 25 — FedEx 25 KG Box • For FedEx Ground and FedEx Ground® Economy: o 01 — Customer packaging • For shipping, use Single Shot, Single Piece, Openship, or MPS.
Service Type						
1274	Min=2 Max=3	N	I /O	FDXE FDXG	All	Field level: Shipment **Required** **Description** • Service Type field specifies the service type that can be used to ship the package. • To view valid service types for Openship shipments, refer Service Types table.

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
Recipient Telephone Extension						
1277	Max=6	N	I	FDXE FDXG	All	Field level: Shipment **Optional** **Description** • Recipient Telephone Extension field specifies the telephone extension that prints on the shipping label. This extension is a numeric value up to six digits. • Available the following shipment types: • FedEx Ground - U.S. and FedEx International Ground • FedEx Express and FedEx Ground Intra-Canada Shipments • For shipping, use Single Shot, Single Piece, Openship, or MPS. *Note: Do not include non-numeric characters such as a parenthesis or dash.*
Sender Identification Type						

1352	Max=1	A	I	FDXE	INTL	Field level: Shipment **Required** *Required if Field 1139 is used. **Description**
						• Sender Identification Type field indicates the data entered in Field 1139 (Sender IRS/EIN/EORI Number) is an Employer Identification Number (EIN).
						• Valid values are:
						  o E — EIN
						  o O — EORI (Economy Operator Registration Identification)

Handling Charge Type						
1588-	Max=1	N	I	FDXE	All	Field level: Package

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	

#				FDXG FXGE		**Optional** **Description**
						
						• Handling Charge Type field indicates type of handling charge to be added to the net charge of the shipment.
						
						• Valid values are:
						  ○ 0 — No handling charge
						  ○ 1 — Fixed handling charge amount
						  ○ 2 — Variable handling charge based on percentage of gross transportation charge
						  ○ 3 — Variable handling charge based on percentage of net charge
						  ○ 4 — Variable handling charge based on percentage of net charge minus Canada taxes (CA origin only)
						
						Notes:
						
						• For FedEx Ground multiple-piece shipments (MPS), a value of 1, 2, 3, or 4 must be on the first package to enable variable handling charge on any subsequent package of the MPS. For shipping, use Single Shot, Single Piece, Openship, or MPS.
						
						• You can choose to configure a recurring handling charge type in the FSMS Configuration Utility for your Transaction Distribution shipments.

Handling Charge Amount or Percentage						
1595-#	Max=7.2	N	I	FDXE FDXG FXGE	All	Field level: Shipment **Optional** **Description** • Handling Charge Type field indicates the handling charge in

| Field ID | Field length | Data Type | Input/Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						dollar amount or percentage.
						• If Field 1588 (Handling Charge Type) is set to 1 (Fixed handling charge amount), Field 1595 contains a currency amount.
						• For example, a value of 500 means $5.00.
						• If Field 1588 is set to 2, 3 or 4, Field 1595 contains a percentage. For example, a value of 500 means 5%.
						• This field allows up to seven (7) numeric characters, two of which are implied decimal entries.
						• For shipping, use Single Shot, Single Piece, Openship, or MPS.
Handling Charge Application Point						

1606-#	Max=1	N	I	FDXE FDXG FXGE	All	Field level: Shipment
						Optional
						Description
						• Specifies at which level (package or shipment) FedEx handling charges apply.
						• Valid values are:
						  o 0 or blank — Handling charge applied at the package level
						  o 1 — Handling charge applied at the shipment level
						• Only repeat if used at the package level.
						• For shipping, use Single Shot, Single Piece, Openship, or MPS.

Fractional Package Weight						
1670-#	Max=8.2	N	I/O	FDXE FDXG FXGE	All	Field level: Shipment **Required** Required:

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						• If Field 1493 is Y. • For U.S. shipping, including FedEx Ground hazardous materials shipments to specify individual package weights. • To receive rate quotes. Only one occurrence of Field ID 1670 may be included in the *025 Rate Available Services Request* transaction. • For LBS only when shipping FedEx Ground® Economy. **Description** • Fractional Package Weight field indicates the weight of the package/shipment • Maximum FedEx Express (non-Freight) and FedEx Ground weights — 150 lbs. • The correct format is 15000 because there are two implied decimals. • Maximum FedEx Home Delivery weight — 150 lbs. The correct format is 15000 because there are two implied decimals. • Maximum FedEx Ground® Economy weight — 70 lbs. The correct format is 7000 because there are two implied decimals. *Note:* • For FDXG, enter 1670-1, 1670-2, 1670-3, FSMS counts the packages and states 3 for Package Total. • For FDXE and FXGE, you can enter the total shipment weight rather than the individual package weights. If you enter the total shipment weight, you must also use Field 116 (Package Total) to indicate the total number of

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields |
				Carrier Code (Services)	Valid for	Description
						packages in the shipment
						• When Merchant Shipper submits an 020 transaction or an 037 transaction for Multiple Email Return Labels for Domestic, International or Non-U.S. Domestic and wants to provide any of the following, this information must be entered at the package level.
						• Declared Value/Carriage Value (AKA: Insured Value, Tag 69)
						• Dimensions (Tags 57 - Height; 58 - Width; & 59 - Length)
						• Weight (Tag 1670)
						• If any shipment level information is provided, it will be ignored and not uploaded.
Shipment Dimensional Indicator						
1686	Max=1	A	I	FDXE	INTL	Field level: Shipment **Required** Required to indicate whether provided dimensions are to be applied at the shipment level or at the individual package level. **Description** • Shipment Dimensional Indicator field indicates whether provided dimensions are applied at the shipment level or at the individual package level. • When you enter package dimensions for the individual FedEx Ground® Economy Bound Printed Matter, Standard Mail, Parcel Select, or Media package, the system validates that the sum of length plus the girth (2 x height + 2 x width) does not exceed 84 inches. When this condition occurs

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	

						(exceeds sum), Error Message 0421 is returned, and the transaction fails. The error occurs at the confirmation step for all shipping methods.
						
						 • Valid values are:
						
						   o S — Shipment
						   o P — Package (default)
						   o A — All
						
						 • The *All* option allows package level dimensions to be entered once and applied at the package level. Use when all packages are of the same dimension.
						
						 Note: If you use Field 1670 (Fractional Package Weight) to submit total shipment weight (available for intra-Canada and international shipments) and Field 116 (Package Total) to indicate the total number of packages in the shipment, then shipment level dimensions apply, and only the first occurrence of Fields 57 (Package Height), 58 (Package Width), and 59 (Package Length) are used if multiple occurrences are provided.

Reference Designation for Close						

1798	Min=1 Max=1	N	I/O	FDXG FDXE FXGE	U.S. INTL	Field level: Shipment
						 Optional
						 Description
						
						 • Reference Designation for Close field designates which reference field to use to group/consolidate your shipments.
						
						 • Valid values are:
						
						   o 1 = Customer Reference
						   o 2 = Invoice Number
						   o 3 = Purchase Order
						 Note:
						 Use in conjunction with the following fields for Express and Ground -

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						• *3001 - Shipment Purchase Order Number* • *3002 - Shipment Invoice Number* • *3003 - Shipment Customer Reference Number* *Use in conjunction with this field for Ground® Economy -* • *25 - Package Customer Reference Number.*
Pharmacy Delivery Indicator						

1854	Min=1 Max=1	A	B	FDXE	U.S.	Field level: Shipment
						 Optional
						 Description
						
						 • Pharmacy Delivery Indicator field indicates the shipment should be delivered directly to a pharmacy, rather than being left at a general receiving dock
						
						 • Valid values are:
						
						   o Y = Yes or
						   o N = No
						
						 • Transaction Type: External

MPS Total Packages						
1982	Max=4	N	I	FDXE FDXG	All	Field level: Package **Required** **Description** • MPS Total Packages field specifies the number of packages in a sequence for multiple-piece shipments (MPS). • You must provide for first and all occurrences in a multiple-piece shipment. • Valid values are positive natural numbers only (1-9998); no decimal places are allowed in this field. • For shipping, use MPS.
No Ship-time Rates						

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
2028	Min=1 Max=1	A	I/O	FDXE FDXG FXGE FXFR	All	**Field level:** Shipment **Optional** **Description** - No Ship-time Rates field is used to indicate if rates are implied during shipment. - This field ID takes precedence over the No Ship-time Rates checkbox on the Meter Settings tab in the FSMS Configuration Utility. - Valid values are: - Y — Yes - N — No
Recipient Identification Type						
2448-#	Min=1 Max=1	A	I	FDXE	All	**Field level:** Shipment **Required** *Required if Field 118 (Recipient IRS/EIN/VAT/EORI Number) is set. **Description** - Recipient Identification Type specifies that the data entered in Field 118 (Recipient IRS/EIN/VAT/EORI Number), an Employer Identification Number (EIN), a Value Added Tax (VAT) Number, or an Economic Operators Registration and Identification (EORI) Number. - For shipping, use Single Piece. - Valid values are: - E — EIN - O — EORI
Package Association and Print Mode						
2600	Max=2	N	I	FDXE FDXG FDXS	U.S.	**Field level:** Package **Optional**

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	

				(value 1 and 4)		**Description**
						
						• Package Association and Print Mode specifies the type of package association (1 of N, 2 of N, …) and print label mode; for example: Print-At-The-End or Print-As-You-GO (PAYGO).
						
						• For shipping, use MPS or Openship
						
						• MPS - Package-Association/Non-Package-Association
						
						• Openship - Package-Association/Non-Package-Association and Print Mode
						
						• Valid Values:
						
						  o 1— (default) Prints labels using package or shipment confirmation rules.
						
						  o 2 — Package-Association. Prints labels with shipment Confirm transaction, Print-At-The-End.
						
						  o 3 — Package-Association. Prints Labels with each Create/Add Piece, PAYGO.
						
						  o 4 — Non-Package-Association. Prints Labels with each Create/Add Piece, PAYGO.
						
						Note: You must CONFIRM the shipment on the same date as the CREATE date unless using Field 24 (Ship Date), then it must be closed on the date specified in Field 24; otherwise, the label will have the incorrect ship date. When packages are associated, labels will be printed with sequence numbers. The number of packages (Field ID 116) in the shipment must be known when the 020 Ship Request is submitted. Altering the number of pieces in the shipment will require reprinting the entire label set with new tracking numbers.

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
Shipment Purchase Order Number						
3001	Max=30	A/N	I	FDXE FDXG	U.S. CA INTL	Field level: Shipment **Optional** **Description** • Shipment Purchase Order Number specifies the purchase order number for the shipment. • Use field 3001 to print the purchase order number on a Returns label. • Use this field only for shipments of two or more packages to the same recipient. • This value prints on the thermal label. For intra-U.S. and intra-CA, this is displayed on the FedEx Express laser and image labels. It is displayed in the Ref. #2 Field on the FedEx Express invoice and P.O. # Field on the FedEx Ground invoice. • This field can only be used for shipments of two or more packages to the same recipient. • This field can be used in the same transaction with the other two shipment level reference number fields: 3002 (Shipment Invoice Number) and 3003 (Shipment Customer Reference Information). • For shipping, use Single Shot, Single Piece, Openship, or MPS.
Shipment Invoice Number						
3002	Max=30	A/N	I	FDXE FDXG	All	Field level: Shipment **Optional** **Description** • Shipment Invoice Number specifies the invoice number of the shipment. • Use field 3002 to print the invoice

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						number on a Returns label. Use only for shipments of two or more packages to the same recipient. This value prints on the thermal label. • This field can be used in the same transaction with the other two shipment level reference number Fields: 3001 (Shipment Purchase Order Number) and 3003 (Shipment Customer Reference Information). • For intra-U.S. and intra-CA, this is displayed on the FedEx Express laser and image labels. It is displayed in the Ref. #3 field on the FedEx Express invoice. • For shipping, use Single Shot, Single Piece, Openship, or MPS.
Nonstandard Container Flag						

3018-#	Max=1	N	I	FDXG FXGE	All	Field level: Shipment
						Optional
						Description
						
						• Non-standard packaging is defined as a container that is >62" on any one side.
						
						• Non-standard Container Flag field specifies if non-standard packaging is used in the shipment.
						
						• Applicable for Non-U.S. Origin International and Non-U.S. Domestic Intra-country Express shipments.
						
						• Valid Values:
						  o Y-if non-standard packaging is used.
						  o N-if non-standard packaging is not used.
						
						• Default: N

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						Note: Non-standard Container Flag is set to Y when it is sent in a transaction.
GND Package Level Purchase Order Number						
3056-#	Max=30	AKE	I	FDXG FXGE FXFR FDXE	All	Field level: Package **Optional** **Description** • GND Package Level Purchase Order Number field indicates the purchase order number of the package. • When used to create or print a Bill of Lading (BOL), this prints the Purchase Order # section of the BOL. Each additional BOL order number prints directly below each article description. Field 3056 is the only field that supplies the full set for the BOL. • For intra-country FedEx Ground and International, the Package Purchase Order Number field prints the GND Package Level Purchase Order Number to a thermal label. • For intra-U.S. and intra-CA, GND Package Level Purchase Order Number is displayed on the FedEx Express laser and image labels. It is displayed in the Ref. #2 field on the FedEx Express invoice and P.O. # field on the FedEx Ground invoice. *Note:* • *For shipping, use Single Shot, Single Piece, Openship, or MPS.* • *All package or shipment level Ground Reference fields are available for use for shipments: package level 3056, 3057, and 25, or shipment level 3001, 3002, and 3003. If both are present in the transaction, shipment level fields take precedence.*

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
Package Invoice Number						
3057-#	Max=30	A/N	I	FDXG FDXE FXGE	All	Field level: Package **Optional** **Description** • Package Invoice Number field indicates the package invoice number that gets printed on the thermal label. • For intra-U.S. and intra-CA, the package invoice number is displayed on the FedEx Express laser and image labels. It is displayed in the Ref. #3 field on the FedEx Express invoice. • For shipping, use Single Shot, Single Piece, Openship, or MPS. *Note: All package or shipment level Ground Reference fields are available for use of shipments: package level 3056, 3057, and 25, or shipment level 3001, 3002, and 3003. If both are present in the transaction, shipment level fields take precedence.*
Rate Quote Type						

3062	Max=1	N	I	FDXE FDXG	All	Field level:
						• Shipment for single transactions
						• Package for *020/120 Global Ship Request/Reply* Openship transactions.
						Optional
						Description
						• Rate Quote Type field indicates the type of rates returned in the120 Global Ship Reply transaction.
						    o 1 — Account Specific Rates only (default)
						    o 2 — Standard List Rates and

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						Account Specific Rates
						o 3 — No Ship-time Rates
						o 4 — Account Specific Rate, Standard List Rate and Alternate Rate
						o 5 — Account Specific Rate and Alternate Rate
						o 6 — Standard List only
						• For shipping, use Single Shot, Single Piece, Openship, or MPS.
Shipper State Tax ID						
3193	Min=12 Max=12	N	I	FDXE	Brazil	Field level: Shipment **Required** **Description** • Shipper State Tax ID indicates the shipper's unique state tax ID number. • This is required for intra-Brazil shipments. • For shipping, use Single Shot, Single Piece, Openship, or MPS.
Recipient State Tax ID						
3194	Min=12 Max=12	N	I	FDXE	Brazil	Field level: Shipment **Required** **Description** • Recipient State Tax ID field indicates the unique state tax ID number of the recipient. • This is required for intra-Brazil shipments. • For shipping, use Single Shot, Single Piece, Openship, or MPS.
Domestic Regulatory Reference Number						

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
3198	Min=1 Max=30	A/N	I/O	FDXE	Brazil	Field level: Shipment **Required** or Optional **Description** • Domestic Regulatory Reference Number indicates the Nota Fiscal number for Brazil or the CI number for Columbia. • This is required when the origin and destination is Brazil. • This is optional when the origin and destination is Columbia. • For shipping, use Single Shot, Single Piece, Openship, or MPS.
Domestic Content Description						
3199-#	Min=1 Max=50	A/N	I/O	FDXE	IN-CTR	Field level: Package **Required or Optional** **Description** • Domestic Content Description field specifies the recipient state tax ID number. • This is optional for all countries shipping in an Intra-Country scenario, except Mexico where it is not supported. • UAE where it is required. • For shipping, use Single Shot, Single Piece, Openship, or MPS. • Prints on the Thermal Air Way Bill (AWB) and Laser shipping labels for Austria, Belgium, Brazil, Colombia, Czech Republic, Denmark, Finland, France, Germany, Hungary, Italy, Luxembourg, Mexico, the Netherlands, Norway, Poland, Russia, Spain, Sweden, Switzerland and UAE shipments. • When intra-UK shipment via the 020 Shipping Transaction with field

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						length greater than 50 and all other shipping data being valid to process a shipment, then all data to right of the 50th position is truncated, and the shipment succeeds.
Terms of Sale Description						
4099	Min=3 Max=3	A	I/O	FDXE FDXG FXFR	INTL	Field level: Shipment **Required** *Required when Field 72 (Terms of Sale) = 9 (Other) **Description** Terms of Sale Description field allows you to provide a free form Terms of Sale and prints on International documentation.
Merchant Document Name						
5594-#	Min=1 Max=255	A/N including special characters	I	FDXE FDXG FXGE	INTL	Field level: Package **Optional** **Description** - Merchant Document Name field indicates the name of the merchant document. - Merchant shipper can provide a user-friendly name for up to 5 attached document(s). - Maximum 5 occurrences. - When a Merchant Shipper submits an 020 transaction or an 037 transaction for International or non-U.S. Domestic Email Return Label and if the Merchant Document Name (tag 5594) is provided, this name will be used when the Return Shipper accesses the Email Return. Otherwise, the name used in Document Pre-Shipment upload will be used.

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
Suppress Additional Language for Return Instructions						
5590	Min=1 Max=1	A	I	FDXE FDXG FXGE	INTL	Field level: Shipment **Optional** **Description** - Suppress Additional Language for Return Instructions field is selected by merchant shipper to suppress additional language on the return instructions. - Valid Values: - Y = Yes - N = No - Default Value: N - This field can be used to stipulate the usage of Dual Languages if Merchant Shipper submits an 020 transaction OR an 037 transaction for Domestic, International or non-U.S. Domestic Print or Email Return Label. *Note: Currently the only additional language offered is English for Email Return instructions.*
Shipper Estimated Delivery Notification						
7213	Min=1 Max=1	A	I/O	FDXE FDXG FDXF	U.S.	Field level: Shipment **Optional** **Description** - Shipper Estimated Delivery Notification field specifies the notification of an estimated delivery information of a shipment to a shipper's email. - Valid Values: - Y – Yes - N – No *Note: For Ground® Economy outbound*

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						shipments, if the field 9913 is passed in the 020 Global Shipping transaction with an invalid value or is not present in the transaction then, the default value of this tag will be '0' which means Print Customer Reference Barcode. This field corresponds to the "Secondary Barcode drop-down list on the Configuration Utility -> Ground® Economy Settings tab -> Ground® Economy Options section.
Recipient Estimated Delivery Notification						

7214	Min=1 Max=1	A	I/O	FDXE FDXG FDXF	U.S.	Field level: Shipment
						Optional
						Description
						
						• Recipient Estimated Delivery Notification field specifies the notification of an estimated delivery information of a shipment to a recipient's email.
						
						• Valid Values:
						   o Y – Yes
						   o N – No
						
						Note: For Ground® Economy outbound shipments, if the field 9913 is passed in the 020 Global Shipping transaction with an invalid value or is not present in the transaction then, the default value of this tag will be '0' which means Print Customer Reference Barcode. This field corresponds to the "Secondary Barcode drop-down list on the Configuration Utility -> Ground® Economy Settings tab -> Ground® Economy Options section.

Broker Estimated Delivery Notification						
7215	Min=1 Max=1	A	I/O	FDXE FDXG FDXF	U.S.	Field level: Shipment **Optional** **Description** • Broker Estimated Delivery Notification field specifies the notification of an estimated

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	

						delivery information of a shipment to a broker's email.
						
						• Valid Values:
						
						   o Y – Yes
						
						   o N – No
						
						Note: For Ground® Economy outbound shipments, if the field 9913 is passed in the 020 Global Shipping transaction with an invalid value or is not present in the transaction then, the default value of this tag will be '0' which means Print Customer Reference Barcode. This field corresponds to the "Secondary Barcode drop-down list on the Configuration Utility -> Ground® Economy Settings tab -> Ground® Economy Options section.

Other Estimated Delivery Notification						

7216	Min=1 Max=1	A	I/O	FDXE FDXG FDXF	U.S.	Field level: Shipment
						Optional
						Description
						
						• Other Estimated Delivery Notification field specifies the notification of an estimated delivery information of a shipment to the other's email.
						
						• Valid Values:
						
						   o Y – Yes
						
						   o N – No
						
						Note: For Ground® Economy outbound shipments, if the field 9913 is passed in the 020 Global Shipping transaction with an invalid value or is not present in the transaction then, the default value of this tag will be '0' which means Print Customer Reference Barcode. This field corresponds to the "Secondary Barcode drop-down list on the Configuration Utility -> Ground® Economy Settings tab -> Ground® Economy Options section.

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
Secondary Barcode Type						
9913	Min=1 Max=1	N	I	FXGE	U.S.	Field level: Shipment **Optional** **Description** - Secondary Barcode Type field determines whether a secondary barcode will be printed on all Ground® Economy labels. The secondary barcode would be a Ground® Economy 2D barcode, unless a customer reference is provided, in which case the secondary barcode would be a customer reference barcode. - Valid values are: 0 = Print Customer Reference Barcode 1 = Print 2D Barcode 2 = Print Blank Space *Note: For Ground® Economy outbound shipments, if the field 9913 is passed in the 020 Global Shipping transaction with an invalid value or is not present in the transaction then, the default value of this tag will be '0' which means Print Customer Reference Barcode. This field corresponds to the "Secondary Barcode drop-down list on the Configuration Utility -> Ground® Economy Settings tab -> Ground® Economy Options section.*
End of Record Indicator						
99	Max=0	NULL	I/O	All	All	Field level: Shipment **Required** **Description** - End of Record Indicator field indicates the end of a transaction. - The format is 99,"" (99 followed by a comma and two quotation

| Field ID | Field length | Data Type | Input/ Output | FedEx shipping | | Basic Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						marks. • All FSMS transactions must end with 99,"".

4.12 Transaction samples

020 Global Shipment Request: Intra-Mexico shipment for FedEx Priority Overnight

0,"020"1,"Ship from Mexico to Mexico"11,"Technologia Mexicana"12,"Pedro Rafael Ramon"13,"387 Punto Royal"15,"Guadalajara"16,"Jalisco"17,"44870"18,"1231231234"23,"1"25,"referencia 321"50, "mx"187,"PNG"498, 537,"\\127.0.0.1\ZP5"1273,"01"1274,"01"1670,"1500"99,""

0,"120"1,"Ship from Mexico to Mexico"10,"410252805"29,"939921378172"30,"MG GDLA 33,"AM"34, "107941"35,"23531"36,"00"37,"131472"60,"150""112,"150"194,""195,"GDL"198,"GDLA "409," "431, "N"498,526,"0455"650,"TRK#"651,"0455"653,"MG GDLA "656,"9399 2137 8172"658,"AM"659, "PRIORITY OVERNIGHT"661,"44870"662," -MX"663,"GDL"665,"505C1/8B40/5FE8"1084,"NLUA "1086, "0"1090,"NMP"1092,"D"1125,"0"1136,"MG"1274,"01"1393,"5397"1507,"23531"1519,"107941"1520, "5397"1525,"00"1528,"131472"1533,"131472"1596,"0"1598,"131472"1599,"131472"1757, "18134"1758,"18134"1981,"4:30 PM"4028,"NMP"4889,"131472"4891,"23531"4892,"131472"4893, "131472"99,""

5 FedEx Express Domestic services

FedEx Express domestic shipments are available for BENELUX countries, Spain, Germany, Great Britain, Czech Republic, Hungary, Romania and Malaysia, Thailand, Switzerland, Denmark, Sweden, France, and United Kingdom (UK).

The Individual shipments are facilitated with following service types.

- FedEx First® (D1)

- FedEx Priority® Express (D2)

- FedEx Priority® (D3)

- FedEx Economy® (D4)

- FedEx Priority Express Freight® (D5)

- FedEx Priority Freight® (D6)

- FedEx Economy Freight® (D7)

Supported package types are as follows:

- Pak

- Box

- Tube

- Envelope

- Small Box

Sample transactions: Global shipment transaction, Routing transaction, and Email returns transactions.

Request	Reply
0,"020"1,"ES-Fedex First-declared value"7,"Arrecife"9,"35008"11,"FXRS1100.68"12,"Auto Step 004"13,"387 Main Street"14,"FEDEX PARKWAY"15,"Arrecife"17,"28108"18,"1234567890"23,"1"25,"SMOKE Auto Step 004"26,"2501"50,"ES"57,"10"58,"10"59,"10"72,"1"74,"ES"75,"lbs"79,"BOOKS"80,"ES"117,"ES"119,"5010"187,"PNG"498,"173204"999,"Testing FXRS"1090,"EUR"1116,"IN"1139,"123456789"1273,"01"1274,"D1"1349,"S"1350,"123456789"1670,"1000"1958,"BBL"99,""	0,"120"1,"ES-Fedex First-declared value"10,"605716245"29,"431758107675"30,"9S MADA "33,"A3"112,"10"118,""194,""195,"MAD"198,"MADA "409,""498,"173204"526,"0881"542,""560,""650,"TRK#"651,"0881"652,""653,"9S MADA "654,""655,""656,"4317 5810 7675"657,""658,"A3"659,"FIRST"660,""661,"28108"662," -ES"663,"MAD"664,"149534362209093904040043175 8107675"665,"583C5/A61B/9AE3" 668,""669,""670,""671,"2"1084,"GDUN "1086,"6"1136,"9S"1139,"123456789"1274,"D1"2399,"0"2450,""3193,""3194,""3198,""3199,""5752,"0"7651,"FIRST"7653,"Your Pkg"7654,"1"7655,"10:00"99,""
004"26,"2501"50,"ES"57,"10"58,"10"59,"10"72,"1"74,"ES"75,"lbs"79,"BOOKS"80,"ES"117,"ES"119,"5010"187,"PNG"498,"173204"999,"Testing FXRS"1090,"EUR"1116,"IN"1139,"123456789"1273,"01"1274,"D4"1349,"S"1350,"123456789"167	0,"104"29,"503937573324"671,"2"99,""

0,"1000"1958,"BBL"99,""	
0,"037"1,"Email return"4,"Shipper Company Name"5,"Shipper Address Line 1"6,"Shipper Address Line 2"7,"Shipper City"8,"BER"9,"AL1"11,"Recipient Name"12,"FXRS Bangalore"13,"Recipient Address Line1"14,"Recipient Address Line2"15,"Recipient City"16,"BER"17,"10119"18,"901XXXX258"23,"1"25,"Step 00013-01"32,"RETURN SENDER"50,"DE"69,"49"74,"DE"75,"lbs"76,"1"79,"BOOKS"80,"GB"113,"Y"117,"GB"119,"500"183,"901XXXX678"187,"PNG"414,"IN"498,"14XX44"1090,"EUR"1103,"901XXXX555"1139,"123456789"1273,"01"1274,"01"1341,"901XXXX555"1398,"THIS ITEM IS USED FOR TESTING ONLY"1670,"14400"2210,"12345678901XXXX67890"2387,"20230720"2388,"This is for testing RAE Online label from FXRS-Offshore"2389,"9012XXXX5898525"2392,"abcd@xyz.com"5542,"3"99,""	0,"137"1,"Email return"10,"700335780"29,"504132865474"30,"FC BERA "33,"A2"112,"144"113,"Y"116,"1"119,"500"194,""195,"BER"198,"BERA "409,""498,"144144"526,"0430"542,""557,"02"557-2,"01"558,"5096"558-2,"5126"559,"The suggested documents value is not valid."559-2," The maximum declared value for this shipment carriage is limited to 50000 USD. Please ensure the value of this shipment does not exceed this amount"650,"TRK#"651,"0430"652,""653,"FC BERA "654,""655,""656,"5041 3286 5474"657,""658,"A2"659,"INTL PRIORITY"660,""661,"10119"662,"BE-DE"663,"BER"664,"100998176314092624150050 4132865474"665,"585C2/4CEC/D078"668,""669,""670,""671,"2"1084,"NDYB "1123,"504132865474"1124,"0430"1136,"FC "1274,"01"1678,"FDX0"1933,"EN"1934,"2"2399,"0"2450,""7651,"INTL PRIORITY"7653,"Your Pkg"7654,"3"7655,"10:30"7700,"03"7701,"03"7702,"03"7703,"1"99,""

5.1 Shipping service options for FedEx Express Domestic

The Express Domestic Service types offers the following:

- Service days are Monday through Friday, with Saturday delivery and pickups available in countries where Saturday is a regular business day.

- Shipments such as Dry Ice, alcohol, dangerous goods and other time-critical package shipments DG shipment support, Ex: Dry Ice, Lithium Battery, etc.

- Supports special services such as Priority Alert (PA) and Priority Alert Plus (PA Plus).

- Supports Email Returns and Signature Services. Ex: Email – print, Signature -Adult, Direct, Indirect, No Signature Required (NSR)

- The shipment label indicates ' ES' for FedEx Express Domestic shipment. Refer: Figure 42: FedEx Priority Overnight label sample for Express domestic shipment.

6 FedEx International shipping

FedEx Ship Manager® Server (FSMS) includes transaction fields that enable you to implement FedEx services as an integrated shipping solution for your international business.

This chapter provides an overview of the integrated international service offerings for FedEx Ship Manager® Server. The International Shipping Services discussed are:

FedEx Express®

Refer FedEx Express International services for more detailed information on FedEx Express services.

- FedEx International First®
- FedEx International Priority®
- FedEx International Priority® Express (IPE)
- International Priority® Freight
- FedEx Regional Economy®
- FedEx Regional Economy® Freight
- FedEx International Priority DirectDistribution®

Refer FedEx International Priority DirectDistribution for more information on this service.

- FedEx International Economy®
- FedEx Europe First®

FedEx Ground®

- FedEx International Ground®

Refer FedEx International Ground Services for more detailed information on Ground services.

- FedEx International DirectDistribution Surface Solutions

Refer FedEx International DirectDistribution (IDD) Surface Solutions for more information on this service.

This chapter provides information required to prepare an international shipment, the types of documents required for your shipment to clear customs, and references to various sections within this guide that provide information to help you code transactions for shipping internationally with FedEx.

6.1 FedEx International shipping services

FedEx provides the shipping solutions, resources and support you want for moving your products to their international destinations. One of the first steps in coding transactions for international shipping is determining which FedEx service your company plans to use. The following table lists the FedEx international services supported by FSMS and where you can find information about coding transactions in this guide.

Table 41: FedEx International shipping services At-A-Glance

Your Shipping Need	Our Service	Also See...
FedEx Express International Package Services		
Intra-Europe, next day	FedEx Europe First®	[Chapter 10: FedEx Express International Services](#)
2 business days to Europe	FedEx International First®	
Within 5 business days worldwide	FedEx International Economy®	
Choose your own broker	FedEx International Broker Select®	
FedEx International Ground® Package Services		
Economical ground delivery to Canada	FedEx International Ground®	[Chapter 11: FedEx International Ground Services](#)
Drop-ship option for U.S.-to-Canada shipments	FedEx International Ground® Distribution (Contract-only service*)	
Bulk ground shipments	FedEx Ground Multiweight™ — U.S. Export only (Contract-only service*)	
Choose your own broker	FedEx International Broker Select®	
FedEx Express International Freight Services		
In 1, 2 or 3 business days worldwide	International Priority® Freight (IPF)	[Chapter 10: FedEx Express International Services](#)
Within 5 business days worldwide	FedEx International Economy® Freight (IEF)	

Note: FedEx is required to accurately report the Country of Manufacture for all commodities shipped internationally as per government regulations. Hence, shippers are no longer allowed to identify the Country of Manufacture as 'XX' for any commodity on any shipment.

For more information about how to configure FedEx Ship Manager® Server to enable Electronic Trade Documents, refer the *FedEx Ship Manager® Server Installation and Configuration Guide*. *Contact your FedEx account executive for information about FSMS contract-only Services.

For information about coding transactions for FedEx® International DirectDistribution Surface Solutions, refer [FedEx International DirectDistribution Surface Solutions](#).

For information about coding transactions for FedEx International Priority DirectDistribution®, FedEx International Economy DirectDistribution℠ and FedEx International Priority DirectDistribution® Freight, refer [FedEx International Priority DirectDistribution](#)

6.1.1 FedEx special options for international service

FedEx offers many special service options for international shipments. They include:

- Special handling for certain commodities and/or packaging

- Signature, proof of delivery and shipment alert notifications

- Special delivery options such as Saturday service, future ship date and holding a package for pickup

- Collect on Delivery and special electronic payment service

- Customs broker selection options

- Special handling for dangerous goods and hazardous materials

- Multiweight pricing for contracted accounts

- Electronic trade documents upload prior to shipment - FedEx® Electronic Trade Documents functionality simplifies international shipping by allowing the customer to submit international trade documentation electronically prior to completing the shipment. Documents do not have to be attached to the shipment. This optimizes the customs clearance process by allowing documents to be reviewed for clearance prior to the shipment's arrival.

Note: For more information about how to configure FedEx Ship Manager® Server to enable Electronic Trade Documents, refer the FedEx Ship Manager® Server Installation and Configuration Guide. For more information on how process Electronic Trade Documents transactions, refer FedEx Express International services.

In general, be sure to research the international regulations for specific commodities you plan to ship. Depending on the Harmonized Tariff System (HTS) classification for your commodity, your shipment may require special handling and other special services. See fedex.com for more information about commodity classification.

The following table lists the special service options available for FedEx Express International and FedEx International Ground® services when you implement FSMS as a solution.

Table 42: FedEx international shipping services special options

FedEx International Special Options	FedEx Express	FedEx Ground
Dry Ice	Yes	No
Alcohol	No	No
FedEx® Delivery Signature Options	Yes	Yes
Hold at Location	Yes *Note: For inbound shipments into the continental U.S.*	No
Saturday Service	Yes	No
Future Day	Yes	Yes
Collect on Delivery	No	Yes

FedEx International Special Options	FedEx Express	FedEx Ground
Dangerous Goods	Yes	(Not applicable)
Hazardous Materials	(Not applicable)	Yes
FedEx International Broker Select	Yes	Yes
FedEx Express MPS Pricing	Yes	(Not applicable)
FedEx Ground Multiweight® Pricing	(Not applicable)	Yes
FedEx ShipAlert®	Yes	No
FedEx® Electronic Trade Document Pre-Shipment Upload	Yes	Yes

For more information about special services, refer **Error! Reference source not found.**

6.1.2 Signature options expansion

The expanded Signature Options offer customers the flexibility and convenience for international letters and packages. The following Signature Options are now available to select international locations.

- No Signature Required (NSR): FedEx releases the package without anyone present

- Indirect Signature Required (ISR): FedEx obtains a signature in one of the following three ways:

    o From someone at the delivery address.

    o From a neighbor, building manager or other person at a neighboring address.

    o The recipient can authorize release of the package without anyone present.

Note: For more detailed information about the services offered by FedEx including surcharges, refer the fedex.com/us/service-guide

- Direct Signature Required (DSR): FedEx obtains a signature from someone at the delivery address if the concerned person is not available or reattempt delivery the following business day if no one is available at the address."

- Adult Signature Required (ASR): FedEx obtains a signature from someone at the delivery address who is not a minor but is authorized to receive the delivery in the destination country.

Rating

Expanded Signature Options are applicable for all rating methods supported within the 020 Global Shipping Transaction and 025 Rate All Services Transaction.

- Field ID 1234 "Rate, Route, & Time In Transit" = 1 (Rate quote) via the 020 and 025 transactions.

- Field ID 1234 "Rate, Route, & Time In Transit" = 3 (Rate quote and Route) via the 020 or 025 transactions.

- Field ID 541 "Open Ship Flags" position 3 set to Y = NNYNNNNNN (Rate) via the 020 transaction.

Routing

If a signature option surcharge is returned, FSMS uses the existing fields to return the following in the 120 shipping reply transaction and/or 125 rate all services reply transaction.

Table 43: Regular Surcharge returns for FSMS

Field ID	Signature Service Option Fee
2400	Signature Options Fee
2401	List Signature Options Fee
2898	Alternate Signature Options Fee

OR

Table 44: Dynamic Surcharge returns for FSMS

Field ID	Surcharge Code Fields with Signature Service Option Fee Code
	List Dynamic Surcharge Code = 350
1947	Dynamic Surcharge Code = 350
2848	Alternate Dynamic Surcharge Code and/or Fees Code = 350

Expanded Signature Options are applicable for all routing methods supported within the 020 Global Shipping Transaction.

- Field ID 1234 "Rate, Route, & Time In Transit" = 2 (Route/Time In Transit)
- Field ID 1234 "Rate, Route, & Time In Transit" = 3 (Rate quote and Route)
- Field ID 541 "Open Ship Flags" position 2 set to Y = NYNNNNNNN (Route/Time In Transit)

6.1.3 Features of Electronic Trade Documents

- Create and upload customs documents, as files or images created on your own system in your preferred software format, such as DOC (MS Word), XLS (MS Excel), TXT (plain text), RTF (Rich Text), JPG, GIF, BMP, PNG, TIF and PDF (this does not include Microsoft Word 2007 DOCX or Microsoft Excel XLSX).

- Process trade documents to and from countries that allow shipping electronic trade documents.

- Add a company letterhead and signature image to the Commercial Invoice (CI), Pro forma Invoice (PI), or Certification of Origin (COO) to facilitate customs clearance without printing paper copies.

- Gain additional time to resolve any difficulties with trade documents before the shipment arrives.

FedEx® Electronic Trade Documents (ETD) service allows customers to submit their trade documents electronically, thus alleviating the need to manually print and attach them to the shipment. This streamlines the process for clearing customs.

Note: This feature is not available for dangerous goods, Dry Ice or future day shipments. Electronic Trade Documents support is provided for:

- FedEx International Ground® (IG)
- Brokerage Inclusive (BI)
- Broker Select Option (BSO)
- FedEx International Economy® (IE)
- FedEx International Priority®
- FedEx International Priority® Express
- FedEx Regional Economy®
- FedEx Regional Economy® Freight
- FedEx International First® (IF)
- International Priority Freight
- FedEx International Economy® Freight (IEF)
- Third Party Consignee (TPC) options

6.1.4 United Kingdom International shipment

Table 45: Clearance shipment rules

Shipping Origin & Destination	Shipping Rules
Northern Ireland (NI) to mainland UK	No Clearance Required
UK to Northern Ireland (NI)	Clearance Required
Northern Ireland (NI) to EU	No Clearance Required
EU to Northern Ireland (NI)	No Clearance Required
Northern Ireland (NI) to Rest of the World & Rest of the World to Northern Ireland (NI)	No Change (clearance required)
UK to EU	Clearance Required
EU to UK	Clearance Required

United Kingdom International Priority Distribution (IPD) rules

- The rules are applicable to customers shipping from UK to EU.
- Northern Ireland maintains an open border with the Republic of Ireland, which is part of

European Union (EU). Hence, IPD shipments to EU (SPOC) can include packages to Northern Ireland.

- Northern Ireland maintains an open border with the Republic of Ireland, which is part of the European Union (EU). Hence IPD shipments to UK cannot include packages to Northern Ireland

Clearance and shipment rules

- Shipments between mainland United Kingdom (UK)/Great Britain (GB) postcode/zip-code to a Northern Ireland (NI) postcode requires a customs declaration document.
- Shipment from Northern Ireland (NI) to Republic of Ireland allow free circulation of goods.
- Customers can use the below shipment options to ship to Northern Ireland from other countries:
  - FedEx International Economy® (IE) - For delivery within 2–5 business days.

Shipments from UK mainland to Northern Ireland / from Northern Ireland to UK mainland are treated as UK domestic shipments.

6.2 FedEx Global Trade Manager online

The FedEx Global Trade Manager is an online resource for FedEx international shippers on **fedex.com/GTM.** When you use the FedEx Global Trade Manager, you can:

- Find the required documents for your international shipment.
- Estimate the duties and taxes that will be levied against your international shipment.
- Get origin and destination country information you need for your shipment, including statistics on demographics and business information.
- Get shipping advisories that include important regulatory information specific to your shipment.
- Identify individuals, companies and other parties that have been denied international business transactions.

The FedEx Global Trade Manager can save your time by identifying which of the many different types of customs and international trade documents are required for your shipment. The online tool asks you to identify the origin and destination of your shipment and the Harmonized Tariff System (HTS) code for the product you are shipping. Based on this information plus the type of transaction your shipment represents, the tool shows you a list of required, optional and recommended documents that are appropriate for your shipment.

6.2.1 FedEx international resource center

- In addition to these tools, the site provides links to the FedEx International Resource Center located at **fedex.com/us/international/irc** where you can:
- Research your shipment and country-specific shipping regulations
- Understand how to prepare and complete an international shipment
- Select a FedEx international shipping service

- Find the FedEx international documents required for your specific shipment

- Access links to external international resources, such as USMCA/T-MEC/CUSMA Customs

FedEx international shipping resources are updated constantly to provide you with the latest in international alerts and regulatory changes. Be sure to revisit the site on a regular basis for these updates.

FedEx provides the International Shipping Reference Guide to assist you with international shipments. You may download this guide from the International Resource Center at **fedex.com/us/international/irc**.

6.3 Processing an international shipment

The steps for preparing and completing an international shipment require that you:

- Research your shipment

- Pack and process the shipment

- Prepare labels

- Print international documents

- Confirm the shipment

- Schedule FedEx pickup

You can use the Global Trade Manager at **fedex.com/gtm** to assist you with the tasks in this list.

6.3.1 Research your shipment

International trade and shipping regulations vary from country to country. When you research your shipment, you decrease the risks of unwanted surprises, potential shipping delays and customs clearance issues. FedEx recommends that you follow these steps to reduce the risk of delays and ensure timely delivery of your FedEx shipments:

1. **Profile Origin and Destination Countries:** Understanding the shipping and regulatory laws of the destination country to which you want to ship is a first step in the international shipping process. To help you find information about the country you are shipping to, FedEx provides country profiles that give you country-specific overviews and statistics relevant to international shipping. You can access these profiles from the FedEx Global Trade Manager site. You can also access them from the FedEx International Resource Center on fedex.com/us/international/irc. Country profiles include a list of items prohibited for import or export. They also include a list of general import and export restrictions, special import provisions, standards and regulatory contact information. If there are special restrictions or prohibitions which are specific to a country, these items also are listed. The International Resource Center also has additional links to currency conversion documents.

   Note:

   - *When the currency provided by you does not match the maximum declared value (carriage value), FSMS performs a currency conversion before determining whether the maximum allowed value is exceeded. This ensures that you do not pay for a service not offered by FedEx (i.e., insuring shipments valued above the maximum allowed declared value).*

   - *When the currency provided by you does not match the billing currency, FSMS performs a currency conversion before calculating the declared value surcharge. This prevents surcharge assessment based on*

the wrong currency, ensuring that the actual invoice values are not vastly different than the courtesy rate quote provided when shipping.

2. However, this is not applicable in case of CA to U.S. shipments.

3. Also, there are links to the China Reference Guide and India Reference Guide provided by FedEx to assist you in your shipping to these countries. If you are interested in understanding the import clearance process that FedEx uses to clear your shipments through customs, read the General Import Clearance Process section in your destination country's profile.

4. **Check for Regulatory Updates:** FedEx provides a list of important regulatory updates for U.S. exporters and importers. You can find this information on **fedex.com/us/international/irc** in the FedEx International Shipping Resources section of the International Resource Center.

5. **Check for Denied Parties:** FedEx helps you to identify individuals, companies and other parties that have been denied the ability to transact international business. This information is available to registered **fedex.com** users. Register for FedEx Global Trade located at **fedex.com/gtm** to use this tool.

6. **Research Duties and Taxes:** FedEx can help you estimate the duties and taxes related to your international shipment. This information is available to registered **fedex.com** users. Register for FedEx Global Trade located at **fedex.com/gtm** to use this tool.

7. **Choose a FedEx International Service:** Factors such as transit time, shipping weight and size, commodity type and value, shipping and handling fees and regulatory restrictions influences how you determine which FedEx international service is a fit for your need. Your FedEx account executive can discuss service options with you and register you for Contract-Only services for international shipping.

8. **Research Rates and Transit Times:** The transit time for your international shipment is influenced by the following:

    o Distance from shipping origin to recipient address

    o Weight of the shipment

    o FedEx shipping service you selected

    o Restrictions that may apply for the final destination country. Various regulatory clearances in addition to custom clearance is required for certain commodities, thereby, extending the transit time. Go to fedex.com to get an estimate on rates and transit times for your shipment.

6.3.2 Pack and process the shipment

If you research the requirements of your destination country—related to commodity, packaging, restrictions, and prohibitions—before you process your shipment, you will be able to assemble and pack your shipment with the assurance that it meets the appropriate customs regulations at point of entry.

FedEx Ship Manager® Server gives you several transaction methods for processing your international multiple-piece shipments. These are described in this guide in About FedEx Ship Manager® Server transactions

6.3.3 Open shipping

Open Shipping is a highly flexible feature that allows you to create and enter information for a shipment as it is received throughout the day, rather than entering all the shipping information only

when the shipment is ready to be processed. The shipment remains "open" for a seven-day period and accepts package additions, deletions, or edits during that time. At the end of seven days, the shipment must be confirmed, or it will be purged.

You can print labels for each piece as you need them or wait until the shipment is confirmed and print all labels prior to ship. This printing preference is called Open Ship Print-As-You-Go (PAYG) and is enabled in an Open Ship transaction.

Open Ship shipments are often multiple-piece shipments but can also be shipments that contain single packages, referred to as single-piece shipments.

You can use the Open Ship shipping method to create an open shipment and add packages to the shipment over a period. This gives you a flexible way to prepare your shipment throughout the day until you are ready to ship.

This chapter describes the procedure for creating, modifying, and deleting an Open Ship shipment using FedEx Ship Manager® Server (FSMS) and the 020/120 Global Ship Request/Reply transaction.

Preparing a FedEx Express International Shipment

Use the following checklist to help you prepare a FedEx Express international shipment with completed documentation, labels, and forms.

> Note: If you have already prepared your shipment and want to know which documents are required for your specific shipment, then log on to the FedEx Global Trade Manager at **fedex.com/gtm,** check the **Find International Documents** checkbox and click **Go**.

Table 132 lists the documents, labels and forms that may be required for a FedEx Express international shipment.

Table 46: Guidelines for FedEx Express International shipment preparation

Completed Document	Description
Commercial Invoice for FedEx Express	This document is completed by the seller/shipper/exporter and describes the goods being transported and the parties involved in the shipping. It is the primary document used by Customs. The document should include a detailed breakdown of all items in the shipment and a proper description of all goods. Some countries require that an original invoice be created on the shipper's letterhead. The invoice should always be signed and dated by the exporter with a statement certifying that the details provided are true and correct representations of the contents covered in the Commercial Invoice for FedEx Express. For shipments to Canada, provide one signed original and four copies. *Note: A FedEx Uniform Commercial Invoice/Uniform Proforma Invoice is not generated for FedEx Express International shipments to countries that do not accept Electronic Commercial Invoices.*
Pro Forma Invoice	This document is used for customs clearance purposes when permits need to be acquired in advance or when the original commercial invoice is lost. For more detailed information on customer invoice, refer section Pro Forma Invoice

Completed Document	Description
USMCA/T-MEC/CUSMA Certification of Origin	This is required to obtain duty-free status for goods that qualify under the USMCA/T-MEC/CUSMA Rules of Origin, if applicable. For more information refer section USMCA/T-MEC/CUSMA Certification of Origin.
Certification of Origin	This may be required for goods that originate outside the USMCA/T-MEC/CUSMA areas.
Shipping Label	The shipping label allows the movement of a shipment from the country of export to the destination country using FedEx Express Services. It contains all required information needed, such as shipper and consignee information, description of contents, and value that facilitates the movement of the shipment and the creation of a manifest for Customs at origin and destination. Refer 9.3.Prepare the label
FedEx International Express Shipping Label	The label helps identify packages for special handling and international clearance. *Note: To prevent account fraud, account numbers no longer print on the international shipping label that is applied to the outside of the package, but continues to print on the FedEx label copy. The appropriate number of label copies are printed as defined by the destination country's' current business rules.*
Destination Control Statement	This statement is required for most U.S. exports and verifies that the goods in the shipment are being exported from the U.S. in accordance with the Export Administration Regulations. Refer 9.3.3.Prepare the label
General Agency Agreement (for Canadian shipments)	This agreement document gives shippers the ability to grant authority to customs brokers to act on their behalf on an ongoing basis in regard to their import shipments into Canada. Refer; General Agency Agreement (GAA) section for more details.
Electronic Export Information (EEI)	This electronic document is required by the U.S. Department of Census to obtain statistical data. It was formerly known as the Shipper's Export Declaration (SED) which can no longer be filed (as of September 2008). Refer Electronic Export Information section for more details.

Preparing a FedEx International Ground Shipment

Use the following checklist to help you prepare a FedEx International Ground shipment with completed documentation, labels and forms. Proper completion ensures your FedEx International Ground packages and shipments are prepared properly.

If you have already prepared your shipment and want to know which documents are required for your specific shipment, then log on to the FedEx Global Trade Manager on **fedex.com/gtm,** check the **Find International Documents** checkbox and click **Go**.

Table 47: Guidelines for FedEx International Ground shipment preparation

Completed Document	Description
Commercial Invoice for FedEx Ground	This document is provided by the seller/shipper/exporter and is the primary document used by Customs for international ground shipments (to both Canada and Puerto Rico) which requires a commercial invoice. It describes the goods being transported and the parties involved in the shipping. The invoice should clearly indicate the shipper name and address; broker name and address; recipient name, address and phone number; and a detailed description of the goods.
	For FedEx International Broker Select® shipments to Canada, you must include contact information for the broker designated to clear the shipment. For multiple-piece shipments to a single recipient, only one complete set of commercial invoices is required (one original and four copies for shipments to Canada).
	This form is used for export shipments from the U.S. to Puerto Rico and Canada (complete top section for PR and CA shipments; complete bottom section for shipments to CA only).
Pro Forma Invoice	This document is used for customs clearance purposes when permits need to be acquired in advance or when the original commercial invoice is lost. Refer "List of Information to Include on Commercial Invoice and Pro forma Invoice" in this guide.
FedEx International Ground barcode label	Use FSMS to create a combination barcode and address label). Or, use a preprinted FedEx International Ground barcode label plus an address label you create yourself.
Blue FedEx International Ground Shipment label	This label helps identify packages for special handling and helps keep the packages of a multiple-piece shipment (to a single recipient) together for international clearance. This decreases the chance of a split shipment being held at customs or returned to the shipper. For a multiple-piece shipment, fill in the boxes on the blue FedEx International Ground Shipment label to number the packages that are part of that shipment, for example, package 1 of 3, package 2 of 3 and package 3 of 3.
FedEx Ground Customs Document envelope	This is the plastic pouch which holds your set of commercial invoices and is affixed to the package or, in the case of a multiple-piece shipment, to the lead package.
FedEx Ground Manifest or FedEx Ground Pickup Record	If you process your shipments electronically, print your daily FedEx Ground Manifest. If you use preprinted barcode labels, complete a page from your FedEx Ground Pickup Record. Give the manifest or pickup record to your FedEx Ground driver along with your shipments.

Completed Document	Description
USMCA/T-MEC/CUSMA Certification of Origin	This is required to obtain duty-free status for goods that qualify under the USMCA/T-MEC/CUSMA Rules of Origin, if applicable. Refer USMCA/T-MEC/CUSMA Certification of Origin. section in this guide.
Certification of Origin	This may be required for goods that originate outside the USMCA/T-MEC/CUSMA areas.
Destination Control Statement	This statement is required for most U.S. exports and verifies that the goods in the shipment are being exported from the U.S. in accordance with the Export Administration Regulations. Refer Destination Control Statement.
Electronic Export Information (EEI)	This electronic document is required by the U.S. Department of Census to obtain statistical data. It was formerly known as the Shipper's Export Declaration (SED) which can no longer be filed (as of September 2008). Refer Electronic Export Information
General Agency Agreement	This agreement document gives shippers the ability to grant authority to customs brokers to act on their behalf on an ongoing basis in regard to their import shipments into Canada. Refer General Agency Agreement (GAA)
Request for Business Number	The Business Number is the number assigned by the Canadian Customs Revenue Agency (CCRA) to identify importers and exporters in regard to all transactions made by them or on their behalf. Refer the Global Trade Manager section on **fedex.com** for information about registration.

Go to **fedex.com** or call **1.800.GoFedEx 1.800.463.3339** for information about ordering preprinted FedEx International barcode labels, blue FedEx International Ground Shipment labels, FedEx Ground Customs Document envelopes and FedEx Ground Pickup Records.

6.3.4 Prepare the label

Proper preparation of the FedEx label for your shipment is a critical part of the shipment preparation process. All FedEx labels must adhere to FedEx label specifications and all non-FedEx custom labels must be approved by FedEx prior to use. The blue shipping label for a FedEx International Ground shipment is a critical form for moving a ground shipment through Customs (Refer "FedEx Ground Shipping Label ").

For general information about creating and printing labels, Refer Label and form transactions

6.3.5 Print and/or Upload international documents

Create FSMS transactions that generate, print and/or upload any international document that you require for your shipment. For a list of international documents that are supported by FSMS, refer Report Codes in the FedEx Ship Manager® Server Transaction Coding Reference Guide. The Report

Code table lists the code values you can enter in Field 1373 (Report Code) in a 020 Global Ship Request transaction to identify the document or report you want to generate and print.

For more information about how to configure FedEx Ship Manager® Server to enable Electronic Trade Documents, refer the *FedEx Ship Manager® Server Installation and Configuration* Guide.

For more information on how process Electronic Trade Documents transactions, refer FedEx Express International services and Refer International Shipping Documents in this guide for information about commonly required documents for international shipping.

For information about how to generate and print documents and reports, refer FedEx shipping forms and reports.

The FSMS Report Viewer Utility is another option for reviewing and printing reports. It provides the option to view shipment data after End-of-Day Close and print Close Report documents for your shipments. For information about the Report Viewer Utility, refer FedEx Ship Manager® Server utilities.

You can also use the FedEx Document Preparation Center on **fedex.com** to create and save the international documents you use most often. If you want to use FedEx commercial invoice forms, the FedEx Documentation Preparation Center provides commercial invoice forms that you can print with your letterhead. The FedEx Global Trade Manager also can assist you in finding international documents you need to ship. For more information, log on to the FedEx Global Trade Manager at **fedex.com/gtm**.

6.3.6 Confirm and ship

Use a single 020 Global Ship Request transaction to ship internationally or use the Open Ship method to accept each package as it is entered, then close only when you confirm over a seven-day period.

If you use the Open Ship method to ship, then your international shipment cannot ship until you CONFIRM the shipment. This is the final step in the process and is performed using the Open Ship CONFIRM shipment function (Refer Open shipping)

When your shipment is ready to ship, ensure to print/reprint labels and complete the paperwork for your international shipment, FedEx can pick up and route your shipment to its destination. It is important that your international documents be accurate and complete to get your shipment delivered within the transit times you require. This requires that as the Shipper, you prepare your shipment and the documents that accompany it properly and be ready to hand off the shipment to FedEx on schedule.

6.4 International shipping documents

When you complete international shipping documents accurately, you assist customs agents in verifying that your shipment complies with all government regulations. These documents are critical to getting your shipment to its destination.

For more information about how to configure FedEx Ship Manager® Server to enable Electronic Trade Documents, refer the *FedEx Ship Manager® Server Installation and Configuration* Guide.

For more information on how to process Electronic Trade Documents transactions, refer FedEx Express International services.

FedEx Ship Manager® Server supports the generation and printing of international documents. Information about how to code transactions for international shipments is provided in these chapters: FedEx Express International services and FedEx International DirectDistribution Surface Solutions.

6.4.1 Basic Information on shipment documents

When filing international shipping documents, make sure the following basic information about your shipment is included in the document:

- Shipper's FedEx account number

- Shipper's name, address, phone number and tax identification number (EIN/SSN).

- Recipient's name, address with postal code (for postal-aware countries), phone number and tax identification number.

  Note: Account masking applies to all international and non-domestic U.S. shipments and return (print and email) labels.

Ensure to include the postal code for your destination address. FedEx relies on these codes to route your shipments to countries that have established postal code systems, such as India and China. Packages without postal codes may be delayed.

Fields for Basic Shipping Information

FedEx Ship Manager® Server basic shipping fields are described in the "020/120 Global Ship Request/Reply Transactions" section of the FedEx Ship Manager® Server Transaction Coding Reference Guide. Table 134 lists fields for the Shipper and Recipient information listed above.

Table 48: Basic fields for international shipping documents

Basic Shipping Information	Use Field	Field Name
Shipper Information (default is configured in FedEx Ship Manager® Server Configuration Utility)		
FedEx account number	498	Meter Number
Name	4	Sender Company
	32	Sender Contact Name
Address	5	Sender Address Line 1
	6	Sender Address Line 2
	2420	Sender Address Line 3
	7	Sender City
	8	Sender State/Province
	9	Sender Postal Code
Phone number	183	Sender Phone Number
Tax identification number	1139	Sender IRS\EIN\EORI Number
Fax number	1103	Sender Fax Number
Recipient information		
Name	11	Recipient Company
	12	Recipient Contact Name

Basic Shipping Information	Use Field	Field Name
Address	13 14 2944 15 16	Recipient Address Line 1 Recipient Address Line 2 Recipient Address Line 3 Recipient City Recipient State/Province
Postal code	17	Recipient Postal Code
Country	50	Recipient Country
Shipment		
Weight of shipment	1670	Fractional Package Weight Value accepts two implied decimal places, therefore 15000 means 150.00 pounds.
Type of packaging	1273	Packaging Type
Selected FedEx service	1274	Service Type

Note: In most instances, the Shipper information will be the same information configured for your FedEx meter/account. In such cases, you do not need to include Shipper information fields in a transaction. The 020 transaction uses the information configured for your FedEx account. See the FedEx Ship Manager® Server Installation and Configuration Guide for FSMS configuration details.

6.4.2 Providing detailed descriptions of goods

When the description of the contents in your international shipment are precise and well-written, the risks of customs delays decrease. Here are a few guidelines for providing detailed descriptions of your goods.

Document or Commodity

- Begin by determining if what you are shipping is a document or a commodity. Different countries classify documents differently, and therefore, you should understand how a specific country to which you are shipping defines them.

- In general, a document is a commodity that has no commercial value. It is typically characterized by typed, written or printed matter on paper or another material, and does not require a commercial invoice. If the commodity has commercial value or is part of a commercial business transaction, it is considered a "non-document". All commodity shipments require a commercial invoice.

- To research the classification for your commodity, use the FedEx Global Trade Manager online at **fedex.com/gtm**. You will find country-specific information to determine whether your commodity is a document or non-document for your destination. If you determine that you need to create a commercial invoice, refer Commercial Invoice

Commodity Description

A common reason for customs delays is an inaccurate or vague shipment description. A commodity description should answer the following questions:

- What is it?

- How many are there?

- What is it made from?

- What is the intended use?

Commodity descriptions for dangerous goods or hazardous materials have very rigorous regulations and prohibitions. If you are shipping a commodity that falls into one of these classifications, ensure to research thoroughly the shipping restrictions for your commodity classification.

Commodity Classifications

All commodities imported and/or exported must be properly classified under the Harmonized Tariff System (HTS) codes to meet U.S. and foreign governments' customs requirements. Use the Harmonized Tariff System (HTS) to determine the code for your commodity. The HTS assigns six-digit codes for general categories. Countries that use the HTS are allowed to define commodities at a more detailed level than six digits, but all definitions must correspond to the six-digit HTS system. The U.S. defines commodities using 10-digit HTS codes. For links to the U.S. agencies which administer export and import HTS codes, go to the *FedEx International Resource Center* on **fedex.com**.

Commodity Export License

An export license is a specific grant of authority from the government to a particular exporter to export a specific product. Export licenses are granted on a case-by-case basis for either a single transaction or for a specified period. The exporter must apply for the export license. This number is one alpha plus six numeric characters. Every license is issued with an expiration date. Commodities requiring a Department of State license ship only by FedEx Express using FedEx International Controlled Export (FICE) service. If you need a further explanation about an export license, contact the FedEx Regulatory Consulting Group at 1.800.851.3336.

6.4.3 Customs clearance documents

Governments require export and import documentation for a number of different purposes, including national security, administration of export and import laws, control of products and protection of intra-country markets, compiling of statistics, health and disease control, and protection of endangered species.

For this reason, the import and export regulations for each country vary and require different amounts of paperwork. Understanding the types of documents and information you are required to complete can help you develop FSMS transactions that generate documents with accurate and precise data for your shipment.

The following international documents are explained in this section:

- Commercial Invoice

- Pro Forma Invoice

- Destination Control Statement

- FedEx International Air Waybill

- FedEx Ground Shipping Label

- USMCA/T-MEC/CUSMA Certification of Origin

- General Agency Agreement (GAA)

- Electronic Export Information

Commercial Invoice

The Commercial Invoice is the official transaction record between an exporter and an importer. In most cases, it is the primary document that Customs officials use. The document is provided by the Seller, Shipper or Exporter of the goods being transported. The document should contain a detailed breakdown of the contents of the shipment, including answers to what it is, what it is made from and how it is intended to be used.

The invoice should always be dated and, for FedEx Express International, signed by the exporter with a statement certifying that the details provided are true and correct representations of the contents. The commercial invoice for FedEx International Ground does not require a signature. This statement is known as the Shipper's Declaration and reads as:

"I declare all the information contained in this invoice to be true and correct."

If you are not sure whether you need to create a commercial invoice for your shipment, call **1.800.GoFedEx 1.800.463.3339** and say, "international services." You can also use the Global Trade Manager to determine if your specific shipment requires a commercial invoice (see FedEx Global Trade Manager Online). FedEx provides commercial invoice forms on **fedex.com** that you can copy onto paper stock with your letterhead.

FedEx Express International

A Commercial Invoice for FedEx Express typically is required when you ship non-document commodities using FedEx Express service. You must submit one signed original and two copies for Customs. Your own corporate invoice is the preferred format if it contains the specific information listed in **List of Information to Include on Commercial Invoice**

Create a commercial invoice (Field 1373 Report Code) using the FSMS transaction interface or use the FSMS Report Utility (FedEx Ship Manager® Server utilities). FedEx also has a commercial invoice form that you can use to print with your letterhead. Another option is to print the FedEx Express commercial invoice provided online at the FedEx Document Preparation Center on **fedex.com**. For express shipments from the U.S. to Canada, use either the Commercial Invoice or a Canada Customs Invoice.

FedEx International Ground

A Commercial Invoice for FedEx Ground is required for all shipments to Canada. You must provide one original and four copies with your shipment for customs clearance. For FedEx International Broker Select shipments to Canada, you must include contact information for the broker designated to clear the shipment. The following table describes the information that is required for your international shipment on the Commercial Invoice document.

Table 49: List of information to include on commercial invoice

Commercial Invoice Information	FedEx Express	FedEx Ground
Seller/Shipper Information - name, full address, country and tax identification number	Yes	Yes
Recipient/Consignee information - name, full address, country and	Yes	Yes

Commercial Invoice Information	FedEx Express	FedEx Ground
postal code if destination is a postal-aware country		
Buyer information (if other than consignee)	Yes	Yes
Invoice Date and Number	Yes	Yes
Customer/Purchase Order Number	Yes	Yes
Export/Import Broker Information for FedEx International Ground Shipments to Canada Only	No	Yes
Contact Name		Yes
Telephone		Yes
Fax Number		Yes
Importer-of-Record (IOR) information		Yes
NRI designation		Yes
Tracking Information	Yes	Yes
FedEx International Air Waybill number	Yes	No
FedEx Enterprise Tracking Number (List individual tracking ID for every package in the shipment)	No	Yes
Shipment Information	Yes	Yes
Date of Invoice/ Date of Export	Yes	Yes
Export Carrier	Yes	Yes
Export references (optional)	Optional	Optional
Country of Export	Yes	Yes
Port of Lading	Yes	Yes
Final Destination/Country of Ultimate Destination	Yes	Yes
Detailed Description of Commodity (for each commodity in shipment)	Yes	Yes
Commodity Description	Yes	Yes
Commodity Classification (including grade, construction of product, and Harmonized Tariff System (HTS) classification, as appropriate)	Yes	Yes

Commercial Invoice Information	FedEx Express	FedEx Ground
Technical, Generic or Scientific Name of Commodity	Yes	Yes
Country of Manufacture	Yes	Yes
Type of Packaging	Yes	Yes
Marks, Numbers and Symbols (under which product is sold)	Yes	Yes
Quantity	Yes	Yes
Unit of Measure	Yes	Yes
Total Number of Packages	Yes	Yes
Total Gross Weight	No	Yes
Weight Units (LBS/KG)	Yes	Yes
Invoiced Costs and Amounts	Yes	Yes
Sale Price or Fair Market Value (of each item) / Unit Price	Yes	Yes
Currency of Sale	Yes	Yes
Declared Value / Amount	Yes	Yes
Terms and Conditions of Sale	Yes	Yes
Fees, Surcharges, Discounts, Duties/Taxes and other Costs	Yes	Yes
Payer of Duties and Taxes	No	Yes
Total Invoice Amount	Yes	Yes

Pro Forma Invoice

The Seller, Shipper or Exporter provides the Pro forma Invoice when:

- It is required prior to the shipment of goods to inform perspective buyer(s) of the type and quantities of goods to be sent, their value and specifications such as weight, size, and so on. This information enables importers to arrange for import permits or use the invoice for other customs clearance purposes.

- The original commercial invoice is lost. Customs has final discretion to use it for clearance purposes and may or may not deem its usage acceptable. For this reason, a Pro forma Invoice should never be used in lieu of a commercial invoice.

Destination Control Statement

The Destination Control Statement is required on your invoice, air waybill and any export control

document that accompanies your shipment to the final end-user.

The Destination Control Statement is required for most U.S. exports and should read as:

"These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to United States law is prohibited."

Destination control statement for U.S. exports controlled by the U.S. Department of State should read as:

"These commodities are authorized by the U.S. Government for export only to <country of ultimate destination> for use by <end user> under <license or other approval number or exemption citation>. They are not resold, diverted, transferred, or otherwise be disposed of, to any other country or to any person other than the authorized end-user or consignee(s), either in their original form or after being incorporated into other end-items, without first obtaining approval from the U.S. Department of State or use of an applicable exemption."

> *Note: The above statement is used on the international shipping label, Commercial Invoice, Proforma Invoice and any other shipping document that supports this statement.*

You are not required to submit a Destination Control Statement if the Export Commodity Classification Number (ECCN) of your commodity is EAR99 or your shipment is eligible for and exported under License Exception BAG or GFT. For more information, log on to the FedEx Global Trade Manager on **fedex.com/gtm** for assistance.

FedEx International Air Waybill

An air waybill or bill of lading is the transportation document that allows the movement of a shipment using FedEx Express Services from the country of export to the country of import. It contains shipper and consignee information, a brief description of the contents, value of the commodity for Customs, and country of manufacture for all contents—essential data for moving the shipment and creating manifest documents at origin and destination for Customs.

For international shipments, use these guidelines for preparing your air waybill.

- For FedEx Express shipments up to 150 lbs.—prepare the FedEx International Air Waybill.
- For FedEx Express package and freight shipments, including dangerous goods and special services—prepare the FedEx Expanded Service International Air Waybill.
- For FedEx International Express Freight® (IXF)—prepare the FedEx IATA (023) Air Waybill.

FedEx Ground Shipping Label

The shipping label for FedEx Ground International is the transportation document used to allow the movement of a ground shipment from origin to destination using FedEx Ground Services. The label form contains human-readable information required to move the shipment from the country of export to the country of import. Like the air waybill for FedEx Express, it contains shipper and consignee information, a brief description of the contents, value of the commodity for Customs, and country of manufacture for all contents. This information is important for moving the shipment and generating manifests at shipping origin and destination for Customs.

For international shipments, use these guidelines for preparing your shipping label:

- For FedEx International Ground package shipments—prepare the barcode label.
- For FedEx International Ground shipments to Canada—prepare the blue FedEx Ground shipping label.

USMCA/T-MEC/CUSMA Certification of Origin

A USMCA/T-MEC/CUSMA Certification of Origin is provided for goods that qualify for reduced or duty-free entry as a product of one of the three UNITED STATES-MEXCIO-CANADA AGREEMENT (USMCA/T-MEC/CUSMA) participants: Canada, Mexico and the U.S. The certification is completed by the exporter or manufacturer of the goods and is provided with the commercial invoice.

Currently the USMCA Certification of Origin is a set of 9 mandatory data elements, Integrated into existing shipping document.

Certifying statement is printed in Certification of Origin (COO) as below:

"I certify that the goods described in this document qualify as originating and the information contained in this document is true and accurate. I assume responsibility for proving such representations and agree to maintain and present upon request or to make available during a verification visit, documentation necessary to support this certification".

General Agency Agreement (GAA)

FedEx U.S. shippers are required to fill out a Canada Customs General Agency Agreement (GAA) form when shipping across the U.S.-Canada border. An Agency Agreement provides the legal authority granted by importers to a customs broker that allows them to release and/or account for shipments with the Canadian Customs Revenue Agency (CCRA) on behalf of the importer's company.

If a Canadian Resident Importer would like FedEx Express to act as their customs broker in Canada on an ongoing basis, then a Limited Agency Agreement must be completed prior to shipping into Canada. This form applies to FedEx Express shipments only.

The FedEx Logistics Continuous General Agency Agreement form similarly grants FedEx Ground shippers the ability to appoint FedEx Logistics (FL) to act as their broker on an ongoing basis for import shipments into Canada. After you complete the form and it is accepted by FedEx Logistics, it is in effect until either party cancels the agreement or the agreement itself expires.

Electronic Export Information

The Electronic Export Information (EEI) is the equivalent electronic version of the Shipper's Export Declaration (SED), Department of Commerce (Census Bureau) form 7525-V, which can no longer be submitted to the U.S. government (as of September 30, 2008). The EEI provides export statistics and control by reporting all pertinent export data of an international shipment transaction.

The EEI is required by the U.S. Department of Census to obtain statistical data and by the Bureau of Industry and Security (BIS) to assist in enforcing export controls. The EEI is required when the total value of goods classified under any commodity number exceeds $2500 USD or the commodities listed require an export license. This information is mandatory and must be submitted electronically by the exporter or agent through the Automated Export System (AES) for commodities listed on the Commerce Control List (CCL).

If the shipment is originated from U.S, U.S. Virgin Islands or Puerto Rico to the destination country China, Russia, or Venezuela, irrespective of the shipment value, you must provide the following information:

- An EEI filing Internal Transaction Number (ITN).
- The correct Export Control Classification Number (ECCN) or EAR99 classification number for each item, or an applicable filing exemption.

Where to File

The EEI Process is changed by U.S. Government and you need to file your EEI information with AES

Direct on https://www.census.gov/foreign-trade/aes/aesdirect/transitiontoace.html website. This Government-supported website facilitates your filing requirements and provides you with the appropriate shipper identification for your packages. FedEx applies this information with your shipment but will no longer file this information for you.

For more information regarding EEI filing, the following locations are available:

- FedEx International Shipping page: **fedex.com/us/international**

- FedEx Global Trade Manager: **fedex.com/GTM**

- AESDirect: https://www.census.gov/foreign-trade/aes/aesdirect/transitiontoace.html

- U.S. Census Bureau: www.census.gov/foreign-trade/

When to File

You must file an EEI for all shipments from the U.S., Puerto Rico or the U.S. Virgin Islands to foreign destinations. It is also required for all shipments between the U.S. and Puerto Rico, and from the U.S. or Puerto Rico to the U.S. Virgin Islands if any of the following apply:

- Shipment of merchandise under the same commodity number is valued at more than $2,500 USD and is sent from the same exporter to the same recipient on the same day.

- For any single commodity line item value greater than $2,500, EEI filing is mandatory.

- EEI is mandatory for destinations China, Russia, or Venezuela.

For shipments from the U.S. to Canada the following apply:

- Merchandise is subject to International Traffic in Arms Regulations (ITAR).

- Shipment requires an export license or permit.

- Shipped commodity is rough diamonds.

Exemptions of EEI filling

An EEI is not required for shipment to other U.S. possessions (American Samoa, Baker Island, Commonwealth or the Northern Mariana Islands, Guam, Howland Islands, Jarvis Island, Johnston Atoll, Kingmen Reef, Midway Islands, Navassa Island, Palmyra Atoll, and Wake Island) or from the U.S. Virgin Islands to the U.S. or Puerto Rico.

Exemptions of EEI filing are allowed if the shipment:

- Is eligible for License Exception GOV

- Is eligible for exceptions in the Export Administration Regulations and Foreign Trade Regulations (FTR) or consists only of items that are classified as EAR99.

- For any single commodity with value less than or equal to $2,500, EEI filing is not required, with Foreign Trade Regulations (FTR) exemption.

- Regardless of value, is being sent to Cuba, Iran, North Korea, Sudan or Syria.

- Contains rough diamonds, regardless of value (HTS 7102.10, 7102.21 and 7102.31).

Also refer FedEx shipping forms and reports. For additional information, go to the FedEx Global Manager on **fedex.com**.

Information for the EEI

Identify the following information before you complete the Electronic Export Information.

- USPPI EIN and ID—if the shipper is a corporation, the EIN Employer Identification Number (Tax ID) of the U.S. principal party is needed. If the shipper is an individual, you need the person's social security number.

- Information about the relationship of parties to the transaction is required. This information indicates whether the sender and recipient are subsidiaries or divisions of the same company or are unrelated.

- Transportation Reference No.—requires that you supply your FedEx International Air Waybill number.

- Ultimate Consignee—identify the end user of the merchandise you are shipping only if the ultimate consignee is different from the consignee you entered on your FedEx International Air Waybill.

- Country of Ultimate Destination—indicate the country where the shipment is ultimately used.

- D/F/ or M (Domestic or Foreign in AES)—indicate if the commodity was made or manufactured in the U.S. (D=domestic) or made or manufactured outside the U.S. (F=foreign).

- Harmonized Code number and units. To find this information, go to the FedEx Global Trade Manager site on fedex.com/gtm or call the U.S. Census Bureau at 1.800.549.0595.

- Value—To advance the search process, enter the selling price or cost of the merchandise.

- License No. /License Exception Symbol/Authorization (License Number/Citation in AES)—enter your export license number or license exception symbol. To determine if you need to supply this information, call the U.S. Department of Commerce at 1.202.482.4811 or 1.714.660.0144 in Newport Beach, California or go to the Bureau of Industry and Security website at [www.bis.doc.gov/.](www.bis.doc.gov/)

AES Filing Status Field 1349

FedEx Ship Manager® Server requires indication of EEI filing status for each qualifying shipment. To indicate the EEI status, use Field 1349 (AES Filing Status) with a value of S.

FTR, XTN or ITN Field 1358

U.S. Customs further requires that either a Foreign Trade Regulations (FTR) exemption or Internal Transaction Number (ITN) number is provided for each EEI qualifying shipment.

Use Field 1358 (FTR, XTN, or ITN Entry) to provide the FTR exemption number, the Pre-Departure ITN, the Post Departure Citation, or the AES Downtime Citation.

> *Note:*

- *FedEx Ship Manager® Server version 8.0 forward is staged to process the changes pending from U.S. government's implementation of final rules for EEI. Therefore, the XTN, ITN, and FTR entries in Field 1358 as previously performed in FSMS version 7.6 is accepted as is.*
- *When an Electric Export Information (EEI) is not required to be filed to the U.S. governments Automated Export System (AES) then the exporter must supply the exporting carrier with an FTR exemption legend which explains why an EEI is not required.*

Canada Export Declaration Filing - Canadian Export Shipments

The Canada Export Declaration Filing is an export declaration form filed with Canada Customs by the Canadian exporter for all outbound shipments consigned to countries other than the U.S., Puerto Rico, or the U.S. Virgin Islands. For shipments of documents and commodities, it is required when a shipment exceeds a Customs value of $1999.99 CAD. The Canada Export Declaration Filing is also required for shipments of controlled commodities, as defined by Revenue Canada Customs and related agencies,

regardless of the value.

Canada Export Declaration Filing Options Field 1651

FedEx Ship Manager® Server provides Field 1651 (Canada Export Declaration Filing Options) for Canada export shipments. The values for this field are:

- Not Required
- Printed and Attached
- Filing Electronically
- Summary Reporting

Export Data Statement Field 1652

If you declare that a Canada Export Declaration Filing is not required for your shipment, then the associated "Canada Export Declaration Filing Exemption Number" must also be provided in Field 1652 (Export Statement Data). Go to **fedex.ca/customs** to view the list of exemptions and identify the Canada Export Declaration Filing exemption number that applies to your shipment, then enter the Canada Export Declaration Filing exemption number in Field 1652. Failure to provide the Canada Export Declaration Filing exemption number may result in a delay of your shipment due to Customs examination.

> *Note: For Product/Commodity Shipments the Canada Export Declaration Filing Option and associated fields must be provided for shipments of any value that are consigned to countries other than the U.S., Puerto Rico, or the U.S. Virgin Islands.*

For Document Shipments the Canada Export Declaration Filing Option and associated fields must be provided for shipments consigned to countries other than the U.S., Puerto Rico, or the U.S. Virgin Islands and if the value exceeds:

- $1999.99CAD
- $999.99USD
- $0 for any other currency type

The Canada Export Declaration Filing information appears in Canada Export Declaration Filing handling codes on the shipping label.

6.4.4 FedEx Logistics and Brokerage services

FedEx Logistics helps simply international shipping by providing brokerage services to customers as an end-to-end service that covers customs brokerage, global cargo distribution, and trade facilitation.

For information about FedEx Logistics, contact FedEx account executive or call FedEx Logistics Customer Service Team at 1.800.249.

7 FedEx Express International services

FedEx Express® international package services ship to and from any country supported by FedEx International services.

When shipping internationally, ensure to research your shipment in advance to avoid costly delays at Customs. For a checklist of international documents that may need to accompany your FedEx Express International shipment, refer <u>FedEx International shipping</u>

7.1 About FedEx Express International shipping transactions

Before you begin to develop FedEx Express international shipping transactions, ensure to familiarize yourself with transaction coding basics in <u>About FedEx Ship Manager® Server transactions.</u>

Use the 020/120 Global Ship Request/Reply transactions to create FedEx Express International shipment transactions. The basic FedEx Express international shipping transaction uses the same fields required for Express intra-U.S. shipping (refer **Error! Reference source not found.**). For information about FedEx Express international shipping transactions, refer <u>section 10.6 Coding Transactions For FedEx Express International.</u>

FedEx Ship Manager® Server transactions must be formatted according to rules specified in the transaction code reference tables described in the FedEx Ship Manager® Server Transaction Coding Reference Guide. Refer this guide for additional information about a transaction field.

Refer the *FedEx Ship Manager® Server Services and Shipping Guide* for information about FedEx Express international service features and details before you begin to code.

7.2 Transaction rules and restrictions for FedEx Express International

Shipping internationally requires time up front to research your shipment and the Customs regulations for the destination country to which you are shipping. For general information about international shipping and transactions, refer <u>FedEx International shipping</u>. The following rules apply to FedEx Express International shipping with FSMS:

- You must specify the basic commodity information required for your shipment so that FedEx can expedite Customs clearance of your packages.

- You can create your own Customs clearance documents or have FSMS generate basic documents.

    o FedEx Ship Manager® Server can provide a Commercial Invoice (CI), Pro forma Invoice, and a Certificate of Origin (COO) from your shipping data.

    o If you need more clearance documentation, then see FedEx Global Trade Manager (GTM), which provides up-to-date country-specific import information, a document assistance wizard, and a duties and taxes estimator tool. FedEx Global Trade Manager is available at the following URL: <u>fedex.com/gtm/international.</u>

- You must provide extra thermal shipping labels with your Customs documentation (depending on your destination country) to facilitate Customs clearance. FedEx Ship Manager® Server automatically generates the correct number of labels for your destination country.

- You can use FedEx packaging for Express international shipments: FedEx® Pak, FedEx Box, FedEx® Tube, FedEx® Envelope, FedEx® 10kg Box, and FedEx® 25kg Box. You may also use your own packaging for FedEx Express international shipments.

- You can ship both standard (under 150 pounds) and freight (over 150 pounds) shipments to international destinations.

Refer FedEx shipping forms and reports for a list of international documents and labels that are required for your shipment and how to create them using transaction fields.

7.2.1 Electronic Export Information

You must submit the Electronic Export Information (EEI) on shipments if the origin/destination is:

- Originated from U.S., U.S. Virgin Islands or Puerto Rico to the destination country China, Russia, or Venezuela

- Between the U.S. and Puerto Rico

- From the U.S. or Puerto Rico to the U.S. Virgin Islands AND if any of the following conditions apply:

  o Ship merchandise under the same commodity number that is valued at more than $2,500 USD and is sent from the same exporter to the same recipient on the same day. Shipments to Canada are exempt from this requirement.

  o The shipment contains merchandise, regardless of the values, that requires an export license and/or permit.

  o The merchandise is subject to the International Traffic and Arms Regulations (ITAR).

  o The shipment contains items other than personal, interoffice, or business correspondence, regardless of value, being sent to Cuba, Iran, North Korea, Sudan or Syria.

  o The shipment contains rough diamonds, regardless of value (HTS 7102.10, 7102.21 and 7102.31).

- For general information about filing the EEI and other international documents which is required for your shipment, refer International Shipping Documents.

7.3 FedEx Express International services

FedEx Express International provides the following international service options for packages weighing up to 150 lbs. (68kgs).

- FedEx International First®

- FedEx International Priority®

- FedEx International Economy®

- FedEx® International Connect Plus

- International Priority Express (IPE)

- FedEx International Priority® Express

- FedEx Regional Economy®

- FedEx Europe First®

FedEx Express International Freight handles packages and handling units over 150 lbs. (68 kgs). It provides these service options:

- International Priority Freight

- FedEx International Economy® Freight

- FedEx Regional Economy® Freight

For information about shipping using the above services, refer the **fedex.com/us/service-guide,** available as part of the FSMS documentation set.

7.3.1 FedEx International First®

- FedEx International First provides delivery in 1 or 2 business days. Check transit times for availability.

- Service days are Monday through Friday, with Saturday pickup available in many areas for an additional charge.

- Inbound delivery to select U.S. postal codes from 60 countries in 1 or 2 business days.

- Outbound delivery to many destinations in Belgium, England, France, Germany, Italy, the Netherlands, Spain, and Switzerland as early as 9 a.m. in 2 business days.

- Package size and weight up to 150 lbs. each; 108" in length; 130" in length plus girth (L+2W+2H).

- Door-to-door, customs-cleared service.

- Options include Express International Saturday and Dangerous Goods support for Dry Ice Shipments only.

7.3.2 FedEx International Priority®

- International Priority Service offers customers fixed-time commitment delivery options at their convenience. This service provides both mid-day and end-of-day delivery commitments, ensuring that your order item(s) are delivered on a priority basis within the committed time.

- Service days are Monday through Friday, with Express International Saturday available in many areas.

- Package size and weight up to 150 lbs. each; 108" in length; 130" in length plus girth (L+2W+2H).

FedEx International Priority® Express

- Delivery typically occurs in 1 to 3 business days.

- Shipment delivery standard is by noon, in 2 business days to dozens of cities.

- Delivery overnight to many U.S. cities from major cities in Europe, Middle East, Asia, Mexico and South America.

- Package weight up to 68 kilograms or 150 pounds.

Labels

'IP EXP' is displayed on label when FedEx International Priority Express service is selected.

Figure 8: IP EXP Displayed on label

Reports

FedEx International Priority Express service records are available on the following reports with the service type field.

- International Courier Report
- International Shipment Report
- Visa Manifest Report
- FedEx Shipment Summary Report

FedEx International Priority® Express

FedEx International Priority Express is an international Mid-day timed commitment delivery service. An international parcel express time-definite, customs-cleared, door-to-door (DTD) service. Delivery is typically in 1 - 3 business days, backed up by the FedEx Money-Back Guarantee (MBG).

- This service enhances FedEx's value proposition by offering next-day delivery to the US from more European origins.
- Following are the benefits associated with this service:
- Fast and reliable delivery
- Delivery typically occurs in 1 to 3 business days
- Shipment delivery standard is by noon, in 2 business days to dozens of cities
- Overnight delivery from major cities in Europe, Middle East, Asia, Mexico, and South America to many U.S. cities
- Package weight up to 68 kilograms or 150 pounds
- More control over delivery commitment
- Flexibility for recipients to manage inbound volume arrival
- Greater choice of timed options for international express parcel services.

Label Identification

IP EXP is displayed on label when FedEx International Priority® Express service is selected.

7.3.3 FedEx International Economy®

FedEx International Economy provides delivery typically in 2 to 5 business days, and in 2 or 3 business days to Canada, Mexico, and Puerto Rico. Check transit times for availability. The business rules are as follows:

Service days are Monday through Friday, with Saturday delivery available in countries where Saturday is a regular business day.

Available in more than 215 countries and territories.

Package size and weight up to 150 lbs. each, 108" in length, 130" in length plus girth (L+2W+2H).

Door-to-door, customs-cleared delivery to major world markets.

Options include Express International Saturday, International Broker Select, Dry Ice Shipments and Dangerous Goods to U.S., Canada and Puerto Rico only.

7.3.4 FedEx® International Connect Plus

FedEx International Connect Plus is a contractual service, that offers international shipping options with varied price. It is similar to FedEx International Economy® service but comparatively less expensive.

The FICP packages are typically delivered in 2–5 business-days with EOD (End of Day) delivery commitment or it may take one extra day in comparison to the delivery commitment of FedEx International Economy.

This service applies same product restrictions as International Economy except no Money Back Guarantee.

Following are the benefits associated with this service:

- Speed at the right cost
- Single pick up
- Consolidated Invoice
- Control of package delivery
- Serving major e-commerce markets
- Reliable tracking via FedEx tracking channels
- Access to retail networks

7.3.5 FedEx Regional Economy®

FedEx Regional Economy is Europe intra-regional quality service which provides end of the day delivery, with price similar to ground shipping charges. This service is available in select European countries.

Following are the benefits associated with this service:

- Provides delivery typically in 3 to 4 business days for Europe destinations.
- Available in 22 European countries as both origins and destinations.
- Offers Door-to-door service and day definite delivery commitment.

- Service days are Monday through Friday, with Saturday delivery available to regions where Saturday is a regular business day.

- FedEx International Saturday is applicable based on region.

- Not applicable for diesel-based fuel surcharge, different DIM factor of 4000, no Money back guarantee, no FedEx branded packaging and no manual/paper AWB.

- Label Identification

- *RGNL ECONOMY* is displayed on label when FedEx Regional Economy® service is selected.

7.3.6 FedEx Regional Economy® Freight

FedEx Regional Economy® Freight is an intra-regional parcel freight service available in select Europe regions.

Following are the benefits associated with this service:

- Provides time-definite service, typically within 5 business days, with flexible pickup and delivery options.

- Service days are Monday through Friday, with Saturday delivery available to countries where Saturday is a regular business day.

- End of the Day delivery commitment based on location.

- The following special services are allowed (depending on destination location):

  o FedEx International Broker

  o Hold at Location

  o Dangerous Goods

  o Dry Ice Shipments.

- Business Rules applicable for FedEx Regional Economy® Freight Service:

  o Service days are Monday through Friday, with Saturday delivery available to regions where Saturday is a regular business day.

  o FedEx International Saturday is applicable based on region.

  o Not applicable for diesel-based fuel surcharge, different DIM factor of 4000, no MBG, no FedEx branded packaging and no manual/paper AWB.

  o Label Identification

- *RGNL ECON FRT* is displayed on label when FedEx Regional Economy® Freight service is selected.

  Note: The service availability and exact delivery time depend on enablement, origin, and destination postal codes. Terms and Conditions apply. Contact your FedEx support representative for enablement and more information.

7.3.7 FedEx Delivery Signature options

FedEx® Delivery signature options are required for FedEx Express International shipments to the U.S. and Canada only. Choose from the options in the following table.

Table 50: Delivery Signature options for U.S. and Canada

Delivery Signature Option	U.S.	Canada
Direct Signature Requested	Yes	Yes
Indirect Signature Required	Yes	Service not offered
Adult Signature Required	Yes	Service not offered
No Signature Required	Yes	Yes

For more information regarding signature requirements to the U.S. and Canada, refer FedEx International DirectDistribution Surface Solutions.

7.3.8 Saturday pickup and delivery

Saturday shipping, delivery, and pickup options are available for international shipments. The following service details apply to FedEx Express international shipments involving Saturday service:

- U.S. export shipments to international destinations are available for pickup on Saturdays.

- For countries that consider Saturday a regular business day (Far East and Middle East), Saturday delivery does not have to be indicated in the shipping transaction.

- Saturday pickup and delivery are not offered for FedEx International First, FedEx International Economy®, or FedEx Express Freight International services, except in countries where Saturday is a regular business day.

- When coding for Saturday service, use Field 24 (Ship Date), Field 1266 (Saturday Delivery Flag), and Field 1267 (Saturday Pickup Flag) as described in Table 137.

Table 51: Fields for FedEx Saturday service

Field ID	Field length	Data type	Input\ Output	FedEx shipping Carrier Code (Services)	Valid for	Description Transaction: 020 Global Ship Request
Ship Date						
24	Max=8	N	I	FDXE FDXG	All	**Field level**: Shipment **Required** *Required for Future Day shipping. **Description** - Ship Date field indicates the date of shipment. - For FedEx Express, the ship date can be set in advance up to the number of days allowed by the date range in the URSA file; includes IPD, IDF, IED and Returns

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description Transaction: 020 Global Ship Request
				Carrier Code (Services)	Valid for	
						services.
						• FedEx Ground and FedEx Home Delivery ship dates can be set up to 90 days in advance, and the ship date can be set to unlimited using the Limit Ground Future Day (90 days) checkbox in the Systems Settings tab of the FSMS Configuration Utility.
						• Default: Current meter date. For example, July 1, 2005 is coded as: 20050701
						• For shipping, use Single Shot, Single Piece, Openship, or MPS.
Saturday Delivery Flag						
1266	Max=1	A	I	FDXE	U.S. INTL IPD SPOC	**Field level**: Shipment **Required** *Required for Saturday Delivery service. **Description** • Saturday Delivery Flag field indicates the shipment is to be delivered on a Saturday if value selected is Y. • Valid values are: o Y — Saturday Delivery o N — No Saturday Delivery • Available for IPD, IPD SPOC, IDF and IDF SPOC. *Note: Saturday Delivery FedEx Express Freight shipments are only allowed within the U.S. or U.S. inbound. For shipping, use Single Shot, Single Piece, Openship, or MPS.*
Saturday Pickup Flag						
1267	Max=1	A	I	FDXE	All non-Freight: U.S. INTL IPD SPOC	**Field level**: Shipment **Required** *Required for Saturday Pickup service. **Description** • Saturday Pickup flag field indicates the shipment is to be picked up on a

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request |
				Carrier Code (Services)	Valid for	

						Saturday if this field value selected is Y.
						
						• Valid values are:
						    ○ Y — Saturday Pickup
						    ○ N — No Saturday Pickup
						
						• Available for IPD and IPD SPOC. Not valid for FedEx Express Freight.
						
						For shipping, use Single Shot, Single Piece, Openship, or MPS.

7.3.9 Inside pickup and delivery

You can request inside pickup and delivery in the 020 Global Ship Request transaction if you are shipping International Priority Freight. This option is not available for international economy freight services. Refer **Error! Reference source not found.** for information about inside pickup and delivery transaction flags and service charges.

7.3.10 Dangerous Goods

FedEx Ship Manager® Server supports the shipping of dangerous goods (DG) for FedEx Express under International Air Transport Association (IATA) and 49CFR Air regulations. Any FedEx Express dangerous goods shipment can be shipped under IATA regulations. Refer **Error! Reference source not found.** for information about shipping dangerous goods in the U.S. Inaccessible Dangerous Goods (IDG) and Accessible Dangerous Goods (ADG) may be shipped to the U.S. and Puerto Rico via FedEx International First service.

There are three available modes of shipping Dangerous Goods.

Table 52: Three available modes of shipping Dangerous Goods

Mode Name	Summary of use	List of fields used
DG Data Upload Mode	This is the newest DG shipping mode used to achieve the shipping integration benefits of the FedEx DG Ready program. This mode is used to ship packages when the customer is using a 3rd party FedEx DG Ready Solution to enter DG commodity data, upload to FedEx for preliminary validation, and print a DG declaration. See fedex.com/dgready for an overview and list of available 3rd party FedEx DG Ready Solutions.	DG Data Upload Mode requires the use of only two fields: • Field 7232 (DG Data Upload Mode) is used to indicate selection of the mode by a value of "Y". • Field 1222 (Preset Tracking Number) is used to indicate the tracking number previously obtained from FedEx through the request for a preassigned tracking number. See the FedEx Ship Manager® Server Transaction Coding Reference Guide for more

Mode Name	Summary of use	List of fields used
		information and examples.

DG Accessibility Only Mode	This mode requires the use of field 1331 (Dangerous Goods/Hazmat Flag). This mode enables you to create a DG label by directly specifying a value of "Y", "A" for an accessible dangerous goods (ADG) package, or "I" for an inaccessible dangerous goods (IDG) package. Also required is field 492 (Dangerous Goods Class/DOT Hazard Class or Division Number) that determines whether the package is ADG or IDG. See Table 45 Service Options for Dangerous Goods for a list of available service options for ADG or IDG. Note that the shipper is responsible for complying with all IATA regulations and FedEx Express requirements for shipping dangerous goods with FedEx Express. The shipper must separately create a declaration of dangerous goods that complies with FX-18 requirements and ensure that dangerous goods commodities offered are correctly identified as ADG or IDG.	Field 1331 (Dangerous Goods/HazMat Flag) - Dangerous Goods/HazMat Flag indicates that hazardous materials (HazMat) are contained in the shipment.
		
		• Valid values are:
		  o A — Accessible Dangerous Goods (ADG)
		  o I — Inaccessible Dangerous Goods (IDG)
		  o Y — Shipment contains DG/HazMat
		
		Field 492 - Dangerous Goods Class/DOT Hazard Class or Division Number field specifies government classification of the dangerous goods (DG) item. This class/division determines whether the 4-138, DG is categorized as accessible or inaccessible by FedEx Express.
		
		Field 488 - DG Cargo Aircraft Only Flag field indicates whether the dangerous goods (DG) item is only allowed for cargo aircraft.
		
		• Valid values are:
		  o Y — Cargo aircraft only
		  o N — Multiple aircraft - passenger or cargo aircraft

DG Full Validation Mode	This mode requires the use of field 1331 (Dangerous Goods/Hazmat Flag) in conjunction with many other fields that fully describe the data elements required to identify a DG package and other requirements on a dangerous goods declaration. Proper entry of data that meets IATA regulatory and FedEx Express requirements is required to optionally request that FedEx Ship Manager® Server produce the shipper's declaration of dangerous goods form (FedEx 1421C or FedEx LZR DG DEC FORM).
	This mode only applies to Express
		Field 1331 (Dangerous Goods/HazMat Flag) - Dangerous Goods/HazMat Flag indicates that hazardous materials (HazMat) are contained in the shipment.
		
		• Valid values are:
		  o A — Accessible Dangerous Goods (ADG)
		  o I — Inaccessible Dangerous Goods (IDG)
		  o E — Excepted Quantities
		  o Q — Excepted Package Radioactive Reportable Quantity (EPRRQ)
		  o Y — Shipment contains

Mode Name	Summary of use	List of fields used
	DG. It does not apply to Ground or ADR.	DG/HazMat ○ N — Shipment contains no DG/HazMat Field 488 - DG Cargo Aircraft Only Flag field indicates whether the dangerous goods (DG) item is only allowed for cargo aircraft. • Valid values are: ○ Y — Cargo aircraft only ○ N — Multiple aircraft - passenger or cargo aircraft

To assist in FedEx Express dangerous goods shipping using DG Full Validation Mode, FSMS provides an IATA table in spreadsheet format in the FedEx_Tables file in the FedEx directory.

> *Note: Radioactive Materials (Class 7) are restricted from FedEx International First service.*

FedEx Ship Manager® Server supports the printing of the 1421C Shipper's Declaration of Dangerous Goods which is required for all dangerous goods shipments. The 1421C may be printed as a multi-ply form using a dot matrix printer or you may print this form on a laser printer using special 1421C paper (plain paper with a border of red crosshatches). The 1421C is produced at the time of shipment confirmation. Form 1421C is typically requested when the customer is using DG Full Validation Mode. If the customer is using FedEx DG Ready shipping (DG Data Upload Mode), then it is implied that they are creating the Shipper's Declaration of Dangerous Goods using the 3rd party FedEx DG ready solution.

Contact your FedEx Account Executive for more information about obtaining 1421C laser forms.

FedEx Ship Manager® Server does not prevent dangerous goods (DG) shipments to countries which do not accept them. The **Dangerous Goods** checkbox appears in the **Additional Options** dialog box whether the destination country accepts dangerous goods shipments. Contact FedEx International Customer Service at 1.800.247.4747 to verify that the destination country will accept the shipment.

Invalid Dangerous Goods transactions

Radioactive Materials (Class 7)

• If you attempt to ship via the 020 Global Ship Request transaction and Field 1274 (Service Type) is set to 06 (International First), Field 1331 (Dangerous Goods/HazMat Flag) is set to A, I, E, or Y, and Field 451 (DG UN Number) is set with a valid UN#, then error message 3105, "Radioactive dangerous goods cannot be shipped using International First. Please select an alternative shipping service for this shipment" is returned and the transaction fails.

• If you attempt to ship via the 020 Global Ship Request transaction and Field 1274 (Service Type) is set to 06—International First, Field 1331 (Dangerous Goods/HazMat Flag) is set to A, I, E, or Y, and Field 492 (DG Class) is set with 7, then Error Messages 3105, "Radioactive dangerous goods cannot be shipped using International First. Please select an alternative shipping service for this shipment" is returned and the transaction fails.

• If you attempt to ship via the 020 Global Ship Request transaction and Field 1274 (Service Type) is set to 06—International First and Field 1331 (Dangerous Goods/HazMat Flag) is set to

Q, then Error Message 3105, "Radioactive dangerous goods cannot be shipped using International First. Please select an alternative shipping service for this shipment" is returned and the transaction fails.

- If you attempt to ship via the 020 Global Ship Request transaction and Field 1274 (Service Type) is set to 06—International First, Field 1331 (Dangerous Goods/HazMat Flag) is set to E, and Field 1940 (Excepted Packages Radioactive) is set to 1, 2, 3, 4, 5, 6, or 7, then Error Message 3105, "Radioactive dangerous goods cannot be shipped using International First. Please select an alternative shipping service for this shipment" is returned and the transaction fails.

Lithium Batteries

Lithium Batteries and Cells are commonly used in electronic devices, such as mobile phones, laptops, cameras, watches, tools, and various children's toys. Lithium batteries and cells may overheat and ignite in certain conditions and once ignited, are difficult to extinguish.

The two main types of lithium batteries and cells are lithium metal (primary non-rechargeable) and lithium ion (rechargeable).

Such batteries and cells are further categorized by the International Air Transport Association (IATA) and International Civil Aviation Organization (ICAO) Dangerous Goods Regulations as stand-alone, contained in equipment, and packed with equipment and subdivided into Section I and II.

Packages containing smaller quantities or lower watt hours of lithium are subject to less stringent regulatory requirements. To better identify and control UN3481 and UN3091 Section II shipments, you need to identify and declare them on an automated shipping platform.

The Lithium Battery Service supports FedEx Express Shipments for:

- Better identification to properly handle and manifest shipments with Section II Lithium batteries within the FedEx Express (FXE) package lifecycle and during non-FedEx Commercial Line Haul activities. This is applicable for FXE systems and customer facing systems (e.g. Customer Automation, etc.)

- An urgent need to identify and control the loading of Section II lithium batteries to prevent possible fires, loss of life, and property.

IATA and aircraft manufacturers recommend that airlines perform Section II lithium battery risk mitigation evaluations and controls as needed to further control potential lithium battery fires/incidents.
Many commercial line haul carriers no longer accept Section II lithium battery shipments due to the potential hazard.

The Lithium Battery Service applies to the following FedEx Express services:

- All FedEx Domestic Services

  - FedEx First Overnight®
  - FedEx Priority Overnight®
  - FedEx Standard Overnight®
  - FedEx 2 Day®
  - FedEx Express Saver®
  - FedEx 1 Day® Freight (Express)
  - FedEx 2 Day® Freight (Express)
  - FedEx 3 Day® Freight (Express

- All FedEx International Services
  - FedEx International First Overnight
  - FedEx International Priority®
  - International Priority Express (IPE)
  - FedEx International Priority® Express
  - FedEx International Priority Overnight
  - FedEx International Economy®
  - FedEx International Connect Plus (FICP)
  - International Priority® Freight Service
  - FedEx International Economy® Freight Service
  - FedEx Europe First®
  - FedEx First Overnight® Freight
  - FedEx 2Day® AM
  - IPD
  - IED
  - IDF
  - TD CA - Express
  - TD MX – Express

Table 53: Lithium Batteries/Cells sub special services

Field ID	Field length	Data type	Input\ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
Lithium Batteries/Cells Sub Special Services						
7801-#	Max=2 Min=1	Numeric	B	FDXE	All	**Field level**: Package **Optional** **Description** - Lithium Batteries/Cells Sub Special Services allows the user to specify the particular types of small quantities or low watt hours Section II Lithium Batteries/Cells contained in the package. - Valid Values: - 1 = Ion Packed with Equipment (UN3481,

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
						PI966). o 2 = Ion Contained in Equipment (UN3481, PI967) o 3 = Metal Packed with Equipment (UN3091, PI969) o 4 = Metal Contained in Equipment (UN3091, PI970) o Multiple Occurrence: Y

The chart below provides a high-level list of Express Operations Special Services that are allowed with Section II Lithium Battery Special Service.

Table 54: Special services that are allowed with Section II Lithium Battery special service

Special Service/Handling or Signature Service	Allowed with Section II Lithium Battery Special Service
Accessible Dangerous Goods (ADG)	Yes
Fully Regulated DG (FDG)	Yes
Inaccessible Dangerous Goods (IDG)	Yes
Limited Regulated DG (LDG)	Yes

Lithium Battery Error Codes

Table 55: Lithium Battery - error codes

Error Code	Error Message	Update
0866	An invalid entry was provided for the Section II Lithium Batteries/Cells Sub Special Service	Shipment will fail, error message is returned, and no information is stored nor uploaded.
0875	Section II Lithium Batteries/Cells are not allowed with this package type.	Shipment will fail, error message is returned, and no information is stored nor uploaded.
0876	Section II Lithium Batteries/Cells are not allowed with a document shipment.	Shipment will fail, error message is returned, and no information is stored nor uploaded.

Error Code	Error Message	Update
0877	Section II Lithium Batteries/Cells are not available in combination with the special service Accessible Dangerous Goods (ADG).	Shipment will fail, error message is returned, and no information is stored nor uploaded.
0879	Section II Lithium Batteries/Cells are not available in combination with the special service Accessible Dangerous Goods (ADG).	Shipment shall fail, error message is returned, and no information is stored nor uploaded.

7.3.11 Future Day

You are allowed to create a Future Day Express international shipment for up to ten (10) calendar days from the current day. Future Day shipments are uploaded to FedEx when you close your shipping day and retained in a file until the package future ship date equals the current day. You must submit a 023 Global Delete Request transaction to remove Future Day shipments from this file or you may be billed for these packages.

7.3.12 Cut flowers

Depending on the customs rules for cut flowers, FSMS allows you to indicate that an international express shipment contains cut flowers using Field 572 (Cut Flowers Flag). An additional surcharge is applied for cut flowers shipments. This flag is needed to ensure that FSMS returns the correct shipping costs. Refer Fields for Returning Shipping Costs .

The following shipping rules apply:

- Destination and origin country allowances can be verified using Global Trade Manager (GTM) on fedex.com.
- An additional surcharge is applied for cut flowers shipments.
- Saturday Delivery is not allowed.
- Cut flowers shipping is not allowed for FedEx® International DirectDistribution Surface Solutions or FedEx International Priority DirectDistribution® (IPD) shipments.
- Ground services are not allowed.
- Broker Select Option (BSO) is not allowed.
- FedEx packaging options are not allowed for cut flowers shipments.

Table 142 describes the required field for a cut flower shipment.

Table 56: FedEx Express cut flowers flag

Field ID	Field length	Data Type	Input\Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	

Field ID	Field length	Data Type	Input\Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
Cut Flowers Flag					Transactions: 020 Global Ship Request	

572	Max=1	A	I	FDXE	INTL	**Field level**: Shipment
						Optional
						Description
						• Indicates whether cut flowers in shipment.
						• Applicable only to origins in LAC (Latin America), APAC (Asia and Asia Pacific), and EMEA (Eastern Mediterranean, Europe and Africa).
						• Valid values are:
						    ○ Y — Cut flowers in shipment
						    ○ N — No cut flowers (default)
						Note: Field 572 does not return the Cut Flower surcharge fee.
						See FedEx Ship Manager® Server Services and Shipping Guide for cut flower shipping rules.

7.3.13 Hold at Location (HAL) special service

HAL special service is available for an international express outbound, print return, and email return shipments.

The following table lists the new field for the Hold at Location (HAL) service.

Table 57: HAL Location ID

Field ID	Field length	Data Type	Input\Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
HAL Location ID						
3146	Max=5 Min=5	A/N	Both	FDXE - All FDXG - U.S.	All	**Field level**: Shipment **Required** **Description** • This is the Location ID of the selected location at which the package is to be held for pickup by recipient (delivery). This field is valid only for 020/120 transaction and is

Field ID	Field length	Data Type	Input\Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
						excluded from all the other transactions.
						• This field is used in conjunction with Hold at location flag 1200 and when the user has to perform HAL shipment with Express/Office. The purpose of this field is to get the Hold at Location ID if it is available with a particular O/D pair.
						• Previously, all the mandatory information of Hold at Location had to be provided. With the introduction of field 3146, the sender can easily identify the HAL location ID making this field better, easier, faster and recommended method of implementing HAL. If 3146 field is supplied along with Hold at location flag 1200 set to Y, then other HAL fields are not required to be passed.
						• You can obtain the HAL Location ID to use as an input through a third-party software or customer access points (Locator/IVR).

7.4 Dry Ice

FedEx Express international services support Dry Ice shipments in Canada (CA), Europe, Middle East and Africa (EMEA), Asia Pacific (APAC), and Puerto Rico (PR).

7.4.1 Dry Ice applicable services

A Dry Ice Surcharge is assessed for all international services, including U.S. export, intra-country and Transborder services which allow Dry Ice shipments.

- International Services:
    - FedEx International First®
    - FedEx International Priority®
    - International Priority Express
    - FedEx International Priority® Express
    - FedEx International Economy®
    - FedEx International Connect Plus (FICP)
    - FedEx Europe First

- International Priority Freight
- FedEx International Economy® Freight
- FedEx International Priority DirectDistribution®
- FedEx International Economy DirectDistributionSM
- FedEx International Priority DirectDistribution® Freight

- Intra-Country, Intra-U.S. and Transborder (TD) Services:
  - FedEx Priority Overnight®
  - FedEx Standard Overnight®
  - FedEx Express Saver®/FedEx Economy
  - FedEx First Overnight®
  - FedEx First Overnight® Freight
  - FedEx 2Day®
  - FedEx 2Day® A.M.
  - FedEx 1Day® Freight
  - FedEx 2Day® Freight
  - FedEx 3Day® Freight

Note: The Dry Ice surcharge also applies to FedEx Express U.S. services.

Refer **Error! Reference source not found.** for information on returned Dry Ice surcharge fields.

7.5 International Traffic in Arms Regulations (ITAR)

The International Traffic In Arms Regulations (ITAR) is a set of U.S. government regulations that control the import and export of defense-related articles and services on the United States Munitions List (USML). As a U.S.-based carrier, FedEx Express is required to maintain compliance with ITAR regulations. Likewise, U.S. persons (corporations) worldwide are required to adhere to ITAR regulations. To this end, it is important that the U.S. person making any export shipment must first determine which type of goods they are shipping: ITAR Exempt goods or ITAR goods that require a license to transport.

FedEx Express can accept and properly transport two types of ITAR-controlled items:

1. ITAR Exempt goods.

Note: An exempt good still falls under ITAR regulations, however a license is not required for import or export.

2. Commodities controlled under a State Department License (SDL)

FedEx Express International Priority® Freight (IPF) can ship ITAR exempted commodities. Ensure the ITAR special handling option is indicated in your shipping transaction input, including exemption or license data if applicable.

Commodities that require a Department of State license can only be shipped via the FedEx International Controlled Export (FICE) option that is available on FedEx Ship Manager® at fedex.com or FedEx Ship Manager® Software, as the FedEx International Controlled Export option is not available for FedEx Ship Manager® Server.

Refer to **http://www.fedex.com/us/international/regulatory-alerts/index.html** for specific details

on the various State Department licenses and ITAR exemptions.

7.5.1 Rules

The following rules apply when shipping ITAR commodities.

Canada Export Declaration Filing Option

- The Canada Export Declaration Filing Option is required for ITAR shipments originating in Canada and destined to countries other than the U.S., U.S. Virgin Islands, and Puerto Rico.

- If you try to process an ITAR shipment via the 020 Global Ship Request and set Field ID 1651 (Canada Export Declaration Filing Options) with no value or do not include Field ID 1651, Error Message 2794, " Canada Export Declaration Filing option is required" is returned and the shipment fails.

- If you similarly process an ITAR shipment via the 020 Global Ship Request and set Field ID 1651 (Canada Export Declaration Filing Options) to **1** (Not required), Error Message 2795, "This Canada Export Declaration Filing Option is invalid" is returned and the shipment fails.

Export Permit Number

An Export Permit is required on ITAR shipments originating in Canada and destined to U.S. insular possessions and U.S. territories. If you try to process an ITAR shipment via the *020 Global Ship Request* and Field ID 1653 (Export Permit Number) is not sent in or is sent in blank, Error Message 2796, "Export Permit Number is required for this ITAR shipment" is returned and the shipment fails.

ITAR License/Exemption Number

- Invalid ITAR License/Exemption Number

- FSMS does not validate the format of the ITAR License/Exemption number. If the ITAR License/Exemption Number is passed in via the 020 Global Ship Request and Field ID 601 does not meet the length requirements (at least 5 characters and no more than 21 characters) Error Message 2793, "ITAR License/Exemption Number length is invalid" is returned and the shipment fails.

  Note: Field ID 601 - ITAR License/Exemption Number is used to complete the updated Department Of State DCS statement. The updated DOS DCS statement is included in the airway bill label via field ID 601.

ITAR Commodity Requiring No License

Use the ITAR designation if no license is required to ship the ITAR commodity.

ITAR License/Exemption Number Invalid or Missing

If you try to process an ITAR shipment via the *020 Global Ship Request* and leave Field ID 601 (ITAR License/Exemption Number) blank or do not include Field ID 601, Error Message 2792, "ITAR License/Exemption Number is required for this origin/destination" is returned and the shipment fails.

Non-ITAR Commodities

If the ITAR License/Exemption Number is passed in via the *020 Global Ship Request* on a non-ITAR shipment, FSMS ignores Field ID 601 and the shipment processes.

Origins of Mexico, Canada, or U.S. Territory

- If you try to process an ITAR shipment originating in either Canada or Mexico via the 020 Global Ship Request and leave Field ID 601 (ITAR License/Exemption Number) blank or do not include Field ID 601, Error Message 2792, "ITAR License/Exemption Number is required for this origin/destination" is returned and the shipment fails.

- The ITAR License/Exemption Number is required for shipments originating in the U.S. territories. If you try to process an ITAR shipment via the 020 Global Ship Request which originates from a U.S. territory and Field ID 601 (ITAR License/Exemption Number) is not sent in or is sent in blank, Error Message 2792, "ITAR License/Exemption Number is required for this origin/destination" is returned and the shipment fails.

Multiple Piece Shipments

- MPS is allowed if ITAR is set at the shipment level.

- Pre-Departure Internal Transaction Number (ITN)

- An Electronic Export Information (EEI) Pre-Departure Internal Transaction Number (ITN) is required on ITAR shipments. Refer FedEx Express International services, Electronic Export Information

- If you try to process an ITAR shipment with a destination of China and set Field ID 117 (Sender Country Code) or Field ID 50 (Recipient Country) to CN for China, Error Message 2790, "Origin or Destination is not allowed with ITAR" is returned and the shipment fails.

Service Types

- ITAR shipments may only be shipped via and FedEx Express International Priority Freight (IPF).

- If you try to process an ITAR shipment and set Field ID 1274 (Service Type) to anything other than either 01 or 70, Error Message 2799, "This service type is not allowed with ITAR" is returned and the shipment fails.

Versions

 - ITAR shipping is not supported in software versions prior to the 2012 General Release.

7.5.2 Restrictions

Some restrictions apply when shipping ITAR commodities. The following special services cannot be combined with ITAR shipments.

- Adult Signature Required - If you try to process an ITAR shipment via the 020 Global Ship Request and set Field ID 2399 (Signature Required Type) to 4 (Adult), warning message 5069, "The selected Signature Service option is not allowed with this special service" is returned and the shipment processes.

- Air Waybills - Additionally, printing of the Additional Consignee label by passing in Field ID 2952 (Additional AWB Count) is not supported.

- Alcohol Shipments - If you try to process an ITAR shipment via the 020 Global Ship Request and set Field ID 1332 (Alcohol Flag) to Y, warning message, 5057 "Field 1331, (Alcohol Flag) is not valid for this shipment" is returned and the shipment processes.

- Appointment Delivery - If you try to process an ITAR shipment via the 020 Global Ship Request and set Field ID 3020 (FedEx Home Delivery Type) to 3 (Appointment), FSMS will ignore Field 3020 and the shipment processes.

- Collect on Delivery - If you try to process an ITAR shipment via the 020 Global Ship Request and set Field ID 27 (COD Flag) to Y, FSMS ignores Field 27 and the shipment processes.

- Cut Flowers - If you try to process an ITAR shipment via the 020 Global Ship Request and set Field ID 572 (Cut Flowers Flag) to Y, warning message, 5066 "Cut Flowers are not allowed with ITAR" is returned and the shipment processes.

- Document Shipments - If you try to process an ITAR shipment via the 020 Global Ship Request and set Field ID 190 (Document Shipment Flag) to Y, Error Message, 2797 "Document shipping is not allowed with ITAR" is returned and the shipment fails.

- Piece Count Verification - If you try to process an ITAR shipment with Piece Count Verification via the 020 Global Ship Request and set Field ID 1550 (PCV Flag) to Y, FSMS will ignore Field 1550 and the shipment processes.

- Post Departure Automated Export System SED/EEI -

  o An Electronic Export Information (EEI) Pre-Departure Internal Transaction Number (ITN) is required on international shipments. Electronic Export Information for more details on international shipments requiring EEI.

  o If you try to process an ITAR shipment with the Post-Departure AES SED/EEI filing option via the 020 Global Ship Request and set Field ID 1358 (FTR, XTN, or ITN Entry) to a valid format for Post Departure Citation, Error Message 2791, "EEI/Post Departure filing option is not allowed with ITAR" is returned and the shipment fails.

- Priority Alert and Priority Alert Plus - If you try to process an ITAR shipment with Priority Alert and/or Priority Alert Plus via the 020 Global Ship Request and set Field ID 1209 (Priority Alert Flag) and/or Field ID 1850 (Priority Alert Plus) to Y, Error Message 2800, "Priority Alert is not available with International Traffic and Arms Regulation (ITAR) shipments" is returned and the shipment fails.

- Returns - If you try to process an ITAR shipment with Global returns via the 020 Global Ship Request and set Field ID 2382 (Return Shipment Indicator) to 2, warning message 5067, "Returns is not allowed with ITAR" is returned and the shipment processes.

- Saturday Delivery - If you try to process an ITAR shipment with Saturday Delivery via the 020 Global Ship Request and set Field ID 1266 (Saturday Delivery Flag) to Y, Error Message 2789, "Saturday Delivery is not allowed with ITAR" is returned and the shipment fails.

- Third Party Consignee - If you try to process an ITAR shipment with Third Party Consignee via the 020 Global Ship Request and set Field ID 3309 (TPC Flag) to Y, warning message 5068, "TPC is not allowed with ITAR" is returned and the shipment processes.

7.5.3 Affected transaction

020/120 Global Ship Request/Reply

- Shipping Methods
  - o Single Piece
  - o Single Shot
  - o Open Ship (regular)

- Identify an ITAR shipment by passing in Field ID 630 (ITAR Flag) in the 020 Global Ship Request.

- Identify the license or exemption number to ship ITAR-regulated commodities by passing in Field ID 601 (ITAR License/Exemption Number) in the 020 Global Ship Request.

050/150 Service Types and Special Services Request/Reply

The shipment is identified as International Traffic in Arms Regulations (ITAR) by Field ID 1990 (Special Service Accessorial Name) which is returned in the 150 Service Types and Special Services Reply.

070/170 Meter Query or Configuration Request/Reply

Added two values to Field ID 3121 (Doc tab Values):

- 650 - ITAR Flag

- 651 - ITAR License/Exemption Number

095/195 Label Reprint Request/Reply

The shipping label may be reprinted via the 095 Label Reprint Request.

7.6 Coding transactions for FedEx Express International

The basic FedEx Express international shipping transaction uses the same fields required for Express intra-country shipping (refer **Error! Reference source not found.**)

Fields for FedEx Express International shipping

Table 145 describes the additional fields required for FedEx Express International shipping.

Table 58: Additional required fields for FedEx Express International shipments

Field ID	Field length	Data type	Input/ Output	FedEx shipping Carrier Code (Services)	Valid for	Description Transaction: 020 Global Ship Request - Single Shot, Multiple-Piece Shipment, Open Ship
Sender City						Transactions: 020 Global Ship Request, 035 Child Meter Registration Request, 060/160 Freight Create BOL Request/Reply
7	FDXG and FDXE Max=35 FXGE Max=30	A	I	All	All	Field level: Shipment **Required** **Description** Sender City field specifies the name of the shipper or the sender address. This is the city where the shipment originates.
Sender State/Province						Transactions: 020 Global Ship Request, 035 Child Meter Registration Request, 060/160 Freight Create BOL Request/Reply
8	Max=2	A	I	FDXE FDXG FXGE FXFR	All	Field level: Shipment **Required** **Description** • Sender State/Province field indicates the State or province code of the Shipper/Sender

Field ID	Field length	Data type	Input/Output	FedEx shipping Carrier Code (Services)	Valid for	Description Transaction: 020 Global Ship Request - Single Shot, Multiple-Piece Shipment, Open Ship
						address. • Refer to the Country Code Tables in Transaction Coding and Reference guide for a list of state and province codes.
Recipient City						Transactions: 020 Global Ship Request, 025 Rate Available Services Request, 060/160 Freight Create BOL Request/Reply
15	FDXG and FDXE Max=35 FXGE Max=30	A	I	FDXE FDXG FXGE FXFR	All	Field level: Shipment Required **Description** • Recipient City field designates the city name of the recipient. • Minimum of three characters are required and the leading character cannot be numeric. • FedEx Ground is limited to 20 characters. • If a military address state code (AA, AE, or AP) is passed in Field 16 in the *020 Shipping* transaction for a FedEx Ground® Economy shipment, FSMS allows a value of *PO, such as APO, FPO, or DPO to be passed in for the recipient city. • If a customer attempts to process a FedEx Ground® Economy shipment to one of the AA, AE, or AP state codes (Field 16) and the Recipient City (Field 15) code begins with any value other than *PO (where * represents a wildcard before the letters 'PO' as in APO, FPO, or DPO), Error Code 2731 is returned, with the message "The city name must begin with APO, FPO, or DPO for this destination", and the transaction fails.
Recipient State/Province						
16	Max=2 CA, PR, U.S. Max=14	A	I/O	FDXE FDXG FXGE FXFR	All	Field level: Shipment **Required** *Required for intra-U.S., CA, PR. **Description**

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Single Shot, Multiple-Piece Shipment, Open Ship |
				Carrier Code (Services)	Valid for	
	Other countries					• Recipient State/Province field specifies the state or province code of the Recipient delivery address. • Refer to Country Code Tables in Transaction Coding and Reference guide for a list of state and province codes. Notes: *If Field ID 16 (Recipient State) is not present in the transaction when creating a Return Shipment, FSMS does not default it to the state code associated with the meter in the configuration screen unless, the recipient country code present in the transaction matches the country code configured for the meter.* *If Field ID 16 (Recipient State) is present in the transaction when creating a Return Shipment, FSMS does not default or override it with the state code associated with the meter in the configuration screen even if the country codes match.*
Recipient Country						
50	Max=3	A	I	FDXE FDXG	INTL	Field level: Shipment **Required** • *Required for FedEx International Priority DirectDistribution® (IPD), FedEx International Economy DirectDistribution℠ Service (IED) and FedEx International Priority DirectDistribution® Freight (IDF) shipments. • *Required for Openship function. **Description** • Recipient Country field specifies the two-character code indicating the country of the Recipient address. • For shipping, use Single Shot, Single Piece, Openship, or MPS.
Customs Currency Type						
68	Max=3	A	I	FDXE	INTL	Field level: Shipment

| Field ID | Field length | Data type | Input/Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Single Shot, Multiple-Piece Shipment, Open Ship |
				Carrier Code (Services)	Valid for	
						Required* or Defaulted • Indicates the currency in which the customs value is expressed. • *Required for FedEx Express International shipments only; for FedEx Express U.S. shipments the value defaults to USD and for CA origins to CAD. *Note: The value for this field is applied to Field 119 (Total Commodity Customs Value) and Field 1030 (Commodity Line Item Unit Value). For shipping, use Single Shot, Single Piece, Openship, or MPS.* *Prints on the Thermal Air Way Bill (AWB) and Laser shipping labels for UAE shipments.*
Terms of Sale						
72	Max=3	N	I	FDXE	INTL	Field level: Shipment Required *Required if Field 113 is set to Y. **Description** • Terms of Sales field indicates the terms of the sale for the shipment. • Valid values are: {table} *Note: FSMS allows tag# 72 (Terms of Sale) with a value of '9' (Other) to be passed in the 060 LTL Freight transaction for International shipments.*
Weight Units						

Valid values table (for Field 72):

1 — FCA - Free carrier	6 — DDP - Delivered duty paid
2 — CIP - Carriage and insurance paid to	7 — DPU - Deliver at Point of Unloading
3 — CPT - Carriage paid to	8 — DAP - Delivered at Place
4 — EXW - Ex Works	9 — Others
5 —Obsolete	

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Single Shot, Multiple-Piece Shipment, Open Ship

75	Max=3	A	I	FDXE	All	Field level: Shipment
						Required
						Default: LBS
						Description
						• Weight Units field indicates the type of weight for the shipment.
						• Valid values:
						   o LBS - Weight in pounds
						   o KGS - Weight in kilograms.
						Note: For Domestic U.S. to U.S. shipments, weight must be entered in LBS.

Description of Contents						

79-#	Max=450	A	I	FDXE
				FDXG
					INTL	Field level: Package
						Required
						• *Required for commodity shipments or for document shipments when Field 190 (Document Shipment Flag) is set to Y and Field 2396 is not used.
						• *Required for General Agency Agreement (GAA) if import shipment.
						Description
						• Description of Contents field specifies the description of the commodity contents for shipment. This can be used for free-form entry of document description when Field 2396 (Document Description) is not used.
						• For shipping, use MPS.
						Notes:
						   • *Only 31 characters of this field print on the labels, but 450 characters are available for customer input to be used on their own reports, including the Commercial Invoice.*
						   • *If both Field 79 and Field 2396 are populated in the same transaction, Field 2396 takes precedence. Field 79 takes precedence for IPD/IDF/IED shipments.*

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	**Transaction: 020 Global Ship Request - Single Shot, Multiple-Piece Shipment, Open Ship**
Country of Manufacture						
80-#	Max=2	A	I	FDXE FDXG	INTL	Field level: Package **Required** **Description** • Country of Manufacture field specifies the code where commodity contents were produced or manufactured in their final form. If using a commercial invoice, this field is used at the commodity level. • This is applicable to the following FedEx services: ○ FedEx International Priority DirectDistribution® ○ FedEx International Priority DirectDistribution® Freight ○ FedEx International Economy DirectDistribution℠ Service ○ FedEx® International DirectDistribution Surface Solutions • For shipping, use MPS. • Refer to Appendix C: Value Reference Tables of FSMS v18.0.1 Transaction Coding Reference Guide for a list of Country Codes. *Note:* • *FedEx is required to accurately report the Country of Manufacture for all commodities shipped internationally as per government regulations.* • *FedEx is required to accurately report the Country of Manufacture for all commodities shipped internationally as per government regulations. Hence, shippers are no longer allowed to identify the Country of Manufacture as 'XX' for any commodity on any shipment.*
Commodity Quantity						
82-#	Max=7	N	I	FDXE	INTL	**Field level: Package**

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Single Shot, Multiple-Piece Shipment, Open Ship
				FDXG		**Required** *Required if Field 113 (Commercial Invoice Print and Upload Flag) is set to Y, and you are not using Field 78 (Commodity Customs Value) or Field 119 (Total Commodity Customs Value). **Description** • Commodity Quantity field specifies the total number of pieces of a given commodity in the entire shipment. • For example, if you are shipping 6 pencils and 4 erasers, you code 82,"6"82-2,"4". • Default: 1. • If FedEx is filing the commercial invoice (CI), the values sent for this field and Field 1030 (Commodity Line Item Unit Value) determine the Total Customs Value for the shipment. • Total Customs Value is the sum of field 82 multiplied by value of field 1030. This derived value can be overridden by passing a value in field 119. If field 113 is set to Y, field 2404 position 1 (Commercial Invoice) should also be set to Y to generate a commercial invoice (default).
Recipient IRS/EIN/VAT/EORI Number						Transactions: 020 Global Ship Request
118	Max=18	A	I	FDXE	INTL	**Field level: Shipment** **Optional** **Description** • Recipient IRS/EIN/VAT/EORI Number field specifies Recipient's tax identification number, which can be the number for the Employer Identification Number (EIN), Value Added Tax (VAT), Economy Operator Registration and Identification Number (EORI), or other import identification number depending on the country of destination. • Prints on the commercial invoice (CI) and/or on the international Master Air Waybill (MAWB).

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Single Shot, Multiple-Piece Shipment, Open Ship |
				Carrier Code (Services)	Valid for	
Total Commodity Customs Value						Transactions: 020/120 Global Ship Request/Reply
119	Max=11.2	N	I/O	FDXE FDXG	All	**Field level: Shipment** **Required or Optional** *Required when Field 113 (Commercial Invoice Print and Upload Flag) is set to N. **Description** • Total Commodity Customs Value field specifies the total dutiable value of the shipment. • If Field 113 is set to Y, this value is derived from the sum of Quantity x Unit Value (Field 82 x Field 1030). • An entry in Field 119 (Total Commodity Customs Value) overrides the derived value. • If Field 113 is set to Y, Field 2404 (Shipment Documentation Flag) position 1 (Commercial Invoice) should also be set to Y to generate a commercial invoice (*default*). • Optional when Field 113 is set to Y.
ITAR License/Exemption Number						
601	Min=5 Max=21	A/N	I/O	FDXE	INTL	**Field level: Package** **Required*** • Required for ITAR shipments originating in the U.S. territories (excluding Puerto Rico) and/or destined to the U.S. and U.S. territories. • The user-provided license number or exemption number which applies to the ITAR shipment. • Default: Blank *Note: This field is used to complete the updated Department of State (DOS) DCS statement. The updated DOS DCS statement is included in the airway bill label via this field ID.*
ITAR Flag						

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Single Shot, Multiple-Piece Shipment, Open Ship

630	Max=1	A/N	I/O	FDXE	INTL	**Field level: Shipment**
						Optional
						Description
						• ITAR Flag field indicates the shipment is being shipped International Traffic in Arms Regulations (ITAR).
						• Valid Values:
						   o Y
						   o N
						   o The default value is N
						Note: Exemption Number and Post Departure Citation are not allowed with ITAR shipments. Use Field 1358 (FTR, XTN or ITN Entry), set to "Pre-Departure ITN."

Declared Value/Rate Currency Type						
1090	Max=3	A	I/O	FDXE	U.S. CA INTL IN-CTR	**Field level: Shipment** **Required or Defaulted** **Description** • Declared Value/Rate Currency Type field indicates the currency that is used to rate the shipment. • Defaults currency used to rate the shipment. <table><tr><td>U.S. shipping: USD</td><td>Intra-UAE shipping: DHS</td></tr><tr><td>Intra-CA shipping: CAD</td><td>Intra-United Kingdom (UK) shipping: UKL</td></tr><tr><td>Intra-Brazil shipping: BRL</td><td>Belgium, France, Germany, Italy, Luxembourg, the Netherlands intra-country shipping: EUR</td></tr><tr><td>Intra-Columbia shipping: COP</td><td>U.S. Export shipping requires USD or CAD to be entered.</td></tr><tr><td>Intra-Denmark shipping: DKK</td><td>Canadian Export shipping requires CAD or USD to be entered.</td></tr></table>

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description Transaction: 020 Global Ship Request - Single Shot, Multiple-Piece Shipment, Open Ship
				Carrier Code (Services)	Valid for	
						Intra-Switzerland shipping: SFR
Sender IRS/EIN/EORI Number						Transactions: 020 Global Ship Request
1139	Max=18	N	I	FDXE	INTL	**Field level: Shipment** **Optional** **Description** - IRS number, Employer Identification Number (EIN), or Economy Operator Registration and Identification Number (EORI) of the shipment Sender. - Use for shipper's Export Declaration Electronic Export Information (EEI) shipments only. - Use Field 1352 (Sender Identification Type) to identify the number you enter is an Employer Identification Number (EIN).
Booking Number						Transactions: 020 Global Ship Request
1272	Max=12	N	I	FDXE	INTL	**Field level: Shipment** **Optional** **Description** Booking Number field indicates the booking number for FedEx Express Freight - international shipments.
Packaging Type						
1273	Max=2	N	I	FDXE	All	**Field level: Shipment** **Required** **Description** - Packaging Type field specifies the type of packaging that the user can opt for. - For FedEx Express (U.S. and international) only: 01—Customer Packaging 02—FedEx Packaging, Express only 03—FedEx Box

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description Transaction: 020 Global Ship Request - Single Shot, Multiple-Piece Shipment, Open Ship
				Carrier Code (Services)	Valid for	
						o 04—FedEx Tube o 06—FedEx Envelope • For FedEx International only (including U.S. Export) o 15—FedEx 10 KG Box o 25—FedEx 25 KG Box • For FedEx Ground and FedEx Ground® Economy: o 01—Customer packaging • For shipping, use Single Shot, Single Piece, Openship, or MPS.
Service Type						
1274	Min=2 Max=3	N	I/O	FDXE	INTL	**Field level: Shipment** **Required** **Description** • Service Type field specifies the service type that can be used to ship the package. • To view valid service types for Express International Services, refer [Service Types of Express International Services]() table.

7.6.1 Third Party Consignee

Third Party Consignee (TPC) is:

- A contract service that is offered to FedEx International Priority® shippers who do not want their recipients to know the commercial value of the shipment.

- A service that enables deliveries of shipments to end recipients at destinations without a commercial invoice attached.

Note: Third Party Consignee is only allowed for certain origin/destination countries. There is a surcharge associated with this service. Shippers who have contracted for this service may use Field 3309 (TPC Flag) in a 020 Global Ship Request transaction.

- Available for:

  o   FedEx International Priority®

  o   International Priority Express (IPE)

- o FedEx International Priority® Express
- o FedEx Regional Economy®
- o FedEx Regional Economy® Freight
- o International Priority Freight
- o FedEx International Economy®
- o FedEx International Connect Plus (FICP)
- o FedEx International Economy® Freight
- o FedEx International First®
- o FedEx Europe First®

Third Party Consignee is now allowed with the Broker Select Option (BSO) and all the commodities, including Dangerous Goods and Dry ice.

Electronic Trade Documents (ETD) are required for TPC shipments originating in the United States (U.S.), Canada (CA) and European Union (EU) countries wherever ETD is enabled. In an 020 Global Ship Request if you select the TPC option on an international shipment, but do not also select ETD, then Error Message, "TPC shipments require electronic Commercial Invoice via ETD. Paper Commercial Invoice is not allowed" is returned and the shipment fails.

Note: Effective Jan 2021,

- *Since the United Kingdom (GB) will not be part of European Union (EU), shipments between the United Kingdom (GB) and European Union (EU) are customs controlled. Similarly, shipments between the United Kingdom (GB) and the rest of the world, including Switzerland, Norway, Iceland, and Liechtenstein need customs clearance documents.*
- *United Kingdom (GB) is no longer the International Priority Distribution single point of clearance (SPOC) for the European Union (EU).*
- *IPD/IED/IDF SPOC distribution shipments between the United Kingdom (UK) and European Union (EU):*
- o *Will not contain Child shipments (Child reference numbers (CRNs)) destined to the United Kingdom (UK)*
- o *Will not contain master shipments destined to European Union (EU) cleared in the United Kingdom (UK)*

Third-Party Consignee Fields

Table 146 describes the Third-Party Consignee fields.

Table 59: Third Party Consignee fields

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description Transaction: 020 Global Ship Request/Reply - Single Shot, Single Piece, Open Ship MPS
				Carrier Code (Services)	Valid for	
Payor Account Number						
20	Max=9	N	I	All	All	Field level: Shipment **Required** *Required if Field 23 (Payment Code) is Bill 3rd Party. **Description** • Payor Account Number field specifies

| Field ID | Field length | Data type | Input\ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request/Reply - Single Shot, Single Piece, Open Ship MPS
						the nine-digit FedEx account number of company or person to be billed for the shipment.
						• If any pay type other than 1 (bill shipper) is entered, rates are not returned in the125 Rate Available Services Reply transaction.
						• For shipping, use Single Shot, Single Piece, Openship, or MPS.
Pay Type						
23	Max=1	N	I	FDXE	INTL	Field level: Shipment
						Required
						Description
						• Pay Type field indicates the code for payment type. Codes are different for FedEx Express and FedEx Ground shipments.
						• FedEx Ground® payment types are:
						○ **1** — Prepaid
						○ **2** — Collect (not for C.O.D.)
						○ **3** — Bill Third Party
						○ **5** — Bill Recipient
						○ **6** — Bill Associated Account
						• FedEx Express® payment types are:
						○ **1** — Bill Sender
						○ **2** — Bill Recipient or Consignee
						○ **3** — Bill Third Party
						Note: If any pay type (Field 23) other than 1 (Bill Sender and Prepaid) is entered, rates are not returned in the 125 Rate Available Services transaction.
						• FedEx Ground® Economy payment types are:
						○ 1 — Bill Sender (default)
						○ 3 — Bill Third Party
						• Ground® Economy Returns payment

| Field ID | Field length | Data type | Input\ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request/Reply - Single Shot, Single Piece, Open Ship MPS
						types are: o 6 — Bill Associated Account o 3 — Bill Third Party *Note: If a customer is processing an 020 Global Ship Request for a Ground® Economy Returns shipment with Field 1274 set to value 7, and the shipper account number is the same as the return account number, then Field 23 will be set to 1 (Bill Sender). Field 23 has been modified to add value 6 for Ground® Economy Returns shipments. If a customer is processing an 020 Global Ship Request for a Ground® Economy Returns shipment with Field 1274 set to value 7, and the shipper account is not the same as the return account number, then Field 23 will be set to 6 (Bill Associated Account).* • For shipping, use Single Shot, Single Piece, Openship, or MPS.
TPC Flag						
3309	Max=1	A	I	FDXE	INTL	**Field level: Shipment** **Required*** • Third-party consignee flag. • *Required when you ship from/to certain countries and you do not want to attach the commercial invoice to the delivery. **Description** • Affects International Priority Express (IPE) and International Priority Freight (IPF) service only. • Payment types allowed are: Bill sender and Bill third party. • Valid values are: o Y — Third-party consignee o N — No third-party consignee (default) • Refer the FedEx Ship Manager® Server Developer Guide for more information on Third Party Consignee service.
List Third Party Consignee Surcharge						

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description Transaction: 020 Global Ship Request/Reply - Single Shot, Single Piece, Open Ship MPS
				Carrier Code (Services)	Valid for	
4027	Min=1 Max=11.2	N	O	FDXE	INTL	**Description** • Positive numbers only. Two implied decimal places. (1-9999) • See Field 3309 for Third Party Consignee.

7.6.2 FedEx Electronic Trade Documents fields

Upload customer generated shipping documents in a 049 Pre-Shipment Document Upload Request transaction before shipping the shipment using the 020 Global Ship Request transaction.

Note: Ensure that Electronic Trade Documents has been enabled prior to using the 049 transaction. This transaction will not upload your documents unless you have enabled Electronic Trade Documents in your Meter Settings tab.

049 Pre-Shipment Document Upload request fields

Table 147 lists the fields allowed by the 049 Pre-Shipment Document Upload Request transaction.

Table 60: 049 Pre-Shipment Document Upload request fields

Field ID	Field length	Date type	Input/Output	FedEx shipping		Pre-Shipment Document UploadrRequest Description
				Carrier code (Services)	Valid for	
Transaction Code						
0	Max=3	N	I/O	All	All	Field level: Shipment **Required** **Description** • Transaction Code field indicates the start of a transaction. • For example, 0,"104" signifies the start of the 104 Tracking Number Reply transaction.
Recipient Country						
50	Max=2	A	I/O	FDXE FDXG	All	Field level: Shipment **Required** • *Required for FedEx International

| Field ID | Field length | Date type | Input/ Output | FedEx shipping | | Pre-Shipment Document UploadrRequest Description |
				Carrier code (Services)	Valid for	
						Priority DirectDistribution® (IPD), FedEx International Economy DirectDistribution℠ Service (IED) and FedEx International Priority DirectDistribution® Freight (IDF) shipments.
						• *Required for Openship function.
						Description
						• Recipient Country field specifies the two-character code indicating the country of the Recipient address.
						• For shipping, use Single Shot, Single Piece, Openship, or MPS.
Meter Number						
498	Min=1 Max=9	N	I/O	FDXE FDXG	All	**Field level:** Shipment **Required** *Required if the meter number is different than the meter number configured as the default. **Default:** Parent meter **Description** • Meter Number field provides the unique number assigned to the Shipper's FedEx account number that is used in each transaction. It identifies the revenue/ shipping activity of a shipment. • This field ensures the tracking number obtained is from the range assigned in the requesting meter. • Meter numbers can be of length up to nine-digits. • If one to one relationship exists between meter numbers and account numbers, the meter number or the account number is used in the transaction. *Note: Field ID 10, Account Number, can be*

| Field ID | Field length | Date type | Input/ Output | FedEx shipping | | Pre-Shipment Document UploadrRequest Description |
				Carrier code (Services)	Valid for	
						used instead of Field ID 498, Meter Number, if there is only one meter per FedEx Express account number on the server.
Open Ship Index						
542	Max=9	A/N	I/O	FDXE FDXG	All	**Field level**: Package **Required** *Required for Openship. **Description** • Openship Index field is a unique number per Openship shipment per meter. It is set to the unique number passed in the CREATE transaction. • For shipping, use Openship. • Required if you are simultaneously performing a CREATE or ADD transaction. • Used for IPD open shipping. Instead use Field 1355 (IOR Facility Code) with Field 24 (Ship Date) and Field 1274 (Service Type) to form a unique shipment • Examples of simultaneous transactions are: YYNNNNNNN which performs a shipment level CREATE and Route/Time in Transit transaction or NYNYNNNNN which performs a package level ADD and shipment level Route/Time in Transit together in the same transaction.
ETD Indicator						
2805	Max=1	A	I/O	FDXE FDXG	IE IF IPF IE IGF	Field level: Shipment **Optional** **Description** • Electronic Trade Documents (ETD) Indicator is used to override the Electronic Trade Documents flag on the Meter Settings tab. This tag takes precedence over the configuration

| Field ID | Field length | Date type | Input/ Output | FedEx shipping | | Pre-Shipment Document UploadrRequest Description |
				Carrier code (Services)	Valid for	
						when passed in a transaction. • Valid values are: ○ Y — Yes ○ N — No *Note: If tag is not sent, blank, or invalid, the value on the configuration screen applies.*
Document Reference ID						
2817-#	Min=1 Max=40	AKE	I/O	FDXE FDXG	IE IF IPF IEF IG	**Field level:** Package **Required** **Description** Document Reference ID field indicate a unique ID for each given Electronic Trade Documents being uploaded in the transaction.
ETD Document Type						
2818-#	Max=1	N	I/O	FDXE FDXG	IE IF IPF IEF IG	**Field level:** Package **Required** *Required if Field 2819 is present in the request transaction. If Field 2818 is not found, an error will be returned. **Description** • This field determines type of document(s) that are electronically uploaded. It is used with Field 2819 (Electronic Trade Documents filename). • Valid values are: ○ 0 - Label Upload (this is an output response value only) ○ 1 - Commercial Invoice ○ 2 - Certificate of Origin ○ 3 - Pro forma Invoice ○ 4 - USMCA/T-MEC/CUSMACOO - USMCA/T-MEC/CUSMA Certification of

| Field ID | Field length | Date type | Input/ Output | FedEx shipping | | Pre-Shipment Document UploadrRequest Description |
				Carrier code (Services)	Valid for	
						Origin ○ 5 – Other – Unidentified or Not Classified ○ 6 - USMCA/T-MEC/CUSMACICOO - USMCA/T-MEC/CUSMA Commercial Invoice - Certification of Origin • For multiple documents being uploaded in this transaction, each occurrence of Field 2819 must have a corresponding occurrence of Field 2818 with the valid value set. • Example: If the first occurrence of 2819 (2819-1) has a file name of "C:\Folder\CommercialInvoice.txt," then subsequently, Field 2818 and the first occurrence (2818-1) should be set to 1 (Commercial Invoice) for the document type. *Notes:* *It is the customer's responsibility to ensure that the document uploaded matches the valid value passed in for this tag.* *There are a few countries (e.g., China) that will allow ETD but not allow the CI or PI to be uploaded. In this scenario, if the user has indicated the shipment as ETD via tag# 2818 (ETD Document Type), the documents can still be uploaded as long as the required images (letterhead, signature or both) are included. ETD takes precedence in this scenario.*
ETD Document Filename						

| Field ID | Field length | Date type | Input/ Output | FedEx shipping | | Pre-Shipment Document UploadrRequest Description |
				Carrier code (Services)	Valid for	
2819-#	Min=1 Max=255	AKE	I/O	FDXE FDXG	IE IF IPF IEF IG	**Field level:** Package **Required** **Description** ETD Document Filename field contains the fully qualified filename of the document to be uploaded including the valid path where this document is located. *Note: The maximum length for an Electronic Trade Documents filename is 30 characters.*
ETD Wait for Confirmation						

2820	Max=1	A	I	FDXE FDXG	IE IF IPF IEF IG	Field level: Shipment
						Required
						Description
						ETD Wait for Confirmation field is a flag that indicates if the customer wants to wait for a confirmation from the back-end system that a customs document was uploaded successfully.
						Note: This tag takes precedence over the configuration when passed in a transaction if there is a conflict between the transaction and the configuration settings.
						• Valid values are:
						  o Y— Wait for Confirmation (equates to "Required" in the configuration)
						  o N— Do Not Wait for Confirmation (equates to "Not Required" in the configuration)

ETD Document Generation						
2821-#	Max=1	A	I	FDXE FDXG	IE IF IPF IEF IG	**Field level:** Package **Optional** **Description** • ETD Document Generation field is a flag that indicates if the customer wants to override the configuration

Field ID	Field length	Date type	Input/ Output	FedEx shipping		Pre-Shipment Document UploadrRequest Description
				Carrier code (Services)	Valid for	
						setting between FedEx Generated Customs document or Customer Generated documents. This field takes precedence over the configuration when passed in a transaction.
						• Valid values are:
						o F— FedEx Generated
						o C — Customer Generated
						Note:
						• FedEx Generated is not available with the 049/149 Pre-Shipment Document Upload transaction
						• During 049 Pre-upload, if the user does not pass 2821 tag (FedEx Generated or Customer Generated) then the application treats "ETD Document Generation" as type 'C' (Customer Generated).
End of Record Indicator						
99	Max=0	NULL	I/O	All	All	Field level: Shipment **Required** **Description** • End of Record Indicator field indicates the end of a transaction. • The format is 99,"" (99 followed by a comma and two quotation marks). • All FedEx Ship Manager® Server transactions must end with 99,"".

149 Pre-Shipment Document Upload Reply fields

Table 61: 149 Pre-Shipment Document Upload Reply fields

Field ID	Field length	Date Type	Input/ Output	FedEx shipping		Pre-Shipment Document Upload Reply Description
				Carrier Code (Services)	Valid for	
Transaction Code						
0	Max=3	N	I/O	All	All	Field level: Shipment **Required** **Description** • Transaction Code field indicates the start of a transaction. • For example, 0,"104" signifies the start of the 104 Tracking Number Reply transaction.
Recipient Country						
50	Max=2	A	I/O	FDXE FDXG	All	Field level: Shipment **Required** • *Required for FedEx International Priority DirectDistribution® (IPD), FedEx International Economy DirectDistribution℠ Service (IED) and FedEx International Priority DirectDistribution® Freight (IDF) shipments. • *Required for Openship function. **Description** • Recipient Country field specifies the two-character code indicating the country of the Recipient address. • For shipping, use Single Shot, Single Piece, Openship, or MPS.
Meter Number						
498	Min=1 Max=9	N	I/O	FDXE FDXG	All	**Field level:** Shipment **Required** *Required if the meter number is different than the meter number configured as the default. **Default:** Parent meter

| Field ID | Field length | Date Type | Input/ Output | FedEx shipping | | Pre-Shipment Document Upload Reply Description |
				Carrier Code (Services)	Valid for	
						Description • Meter Number field provides the unique number assigned to the Shipper's FedEx account number that is used in each transaction. It identifies the revenue/shipping activity of a shipment. • This field ensures the tracking number obtained is from the range assigned in the requesting meter. • Meter numbers can be of length up to nine-digits. • If one to one relationship exists between meter numbers and account numbers, the meter number or the account number is used in the transaction. *Note: Field ID 10, Account Number, can be used instead of Field ID 498, Meter Number, if there is only one meter per FedEx Express account number on the server.*
Open Ship Index						
542	Max=9	A/N	I/O	FDXE FDXG	All	**Field level**: Package **Required** *Required for Openship. **Description** • Openship Index field is a unique number per Openship shipment per meter. It is set to the unique number passed in the CREATE transaction. • For shipping, use Openship. *Note: Field 542 is not:* • Required if you are simultaneously performing a CREATE or ADD transaction. • Used for IPD open shipping. Instead use Field 1355 (IOR Facility Code) with Field 24 (Ship Date) and Field 1274 (Service Type) to form a unique shipment • Examples of simultaneous transactions are: YYNNNNNNN which performs a

| Field ID | Field length | Date Type | Input/ Output | FedEx shipping | | Pre-Shipment Document Upload Reply Description |
				Carrier Code (Services)	Valid for	
						shipment level CREATE and Route/Time in Transit transaction or NYNYNNNNN which performs a package level ADD and shipment level Route/Time in Transit together in the same transaction.

ETD Indicator

Field ID	Field length	Date Type	Input/ Output	Carrier Code (Services)	Valid for	Pre-Shipment Document Upload Reply Description
2805	Max=1	A	I/O	FDXE FDXG	All	Field level: Shipment **Optional** **Description** • Electronic Trade Documents (ETD) Indicator is used to override the Electronic Trade Documents flag on the Meter Settings tab. This tag takes precedence over the configuration when passed in a transaction. • Valid values are: ○ Y—Yes ○ N—No *Note: If tag is not sent, blank, or invalid, the value on the configuration screen applies.*

Document Reference ID

Field ID	Field length	Date Type	Input/ Output	Carrier Code (Services)	Valid for	Pre-Shipment Document Upload Reply Description
2817-#	Min=1 Max=40	AKE	I/O	FDXE FDXG	IE IF IPF IEF IG	Field level: Shipment **Required** **Description** Document Reference ID field indicate a unique ID for each given Electronic Trade Documents being uploaded in the transaction.

ETD Document Type

Field ID	Field length	Date Type	Input/ Output	Carrier Code (Services)	Valid for	Pre-Shipment Document Upload Reply Description
2818-#	Max=1	N	I/O	FDXE FDXG	IE IF IPF IEF IG	Field level: Shipment **Required** *Required if Field 2819 is present in the request transaction. If Field 2818 is not found, an error will be returned. **Description** • ETD Document Type field determines type

				FedEx shipping		
Field ID	**Field length**	**Date Type**	**Input/ Output**	**Carrier Code (Services)**	**Valid for**	**Pre-Shipment Document Upload Reply Description**
						of document(s) that are electronically uploaded. It is used with Field 2819 (Electronic Trade Documents filename).

- Valid values are:
  - o 0 - Label Upload (this is an output response value only)
  - o 1 - Commercial Invoice
  - o 2 - Certificate of Origin
  - o 3 - Pro forma Invoice
  - o 4 - USMCA/T-MEC/CUSMACOO - USMCA/T-MEC/CUSMA Certification of Origin
  - o 5 – Other – Unidentified or Not Classified
  - o 6 - USMCA/T-MEC/CUSMACICOO - USMCA/T-MEC/CUSMA Commercial Invoice - Certification of Origin

- For multiple documents being uploaded in this transaction, each occurrence of Field 2819 must have a corresponding occurrence of Field 2818 with the valid value set.

- Example: If the first occurrence of 2819 (2819-1) has a file name of "C:\Folder\CommercialInvoice.txt," then subsequently, Field 2818 and the first occurrence (2818-1) should be set to 1 (Commercial Invoice) for the document type.

Notes: It is the customer's responsibility to ensure that the document uploaded matches the valid value passed in for this tag.

There are a few countries (e.g., China) that will allow ETD but not allow the CI or PI to be uploaded. In this scenario, if the user has indicated the shipment as ETD via tag# 2818 (ETD Document Type), the documents can still be uploaded as long as the required images (letterhead, signature or both) are included. ETD takes precedence in this scenario.

| Field ID | Field length | Date Type | Input/Output | FedEx shipping | | Pre-Shipment Document Upload Reply Description |
				Carrier Code (Services)	Valid for	
ETD Document Filename
2819-#	Min=1 Max=255	AKE	I/O	FDXE FDXG	IE IF IPF IEF IG	Field level: Shipment **Required** **Description** ETD Document Filename field contains the fully qualified filename of the document to be uploaded including the valid path where this document is located. *Note: The maximum length for an Electronic Trade Documents filename is 30 characters.*
ETD Wait for Confirmation
2820	Max=1	A	I	FDXE FDXG	IE IF IPF IEF IG	Field level: Shipment **Optional** **Description** ETD Wait for Confirmation field is a flag that indicates if the customer wants to wait for a confirmation from the back-end system that a customs document was uploaded successfully. *Note: This tag takes precedence over the configuration when passed in a transaction if there is a conflict between the transaction and the configuration settings.* • Valid values are: o Y— Wait for Confirmation (equates to "Required" in the configuration) o N— Do Not Wait for Confirmation (equates to "Not Required" in the configuration)
ETD Document Generation
2821-#	Max=1	A	I	FDXE FDXG	IE IF IPF IEF IG	Field level: Shipment **Optional** **Description** • ETD Document Generation field is a flag that indicates if the customer wants to override the configuration setting

| Field ID | Field length | Date Type | Input/ Output | FedEx shipping | | Pre-Shipment Document Upload Reply Description |
				Carrier Code (Services)	Valid for	

						between FedEx Generated Customs document or Customer Generated documents. This field takes precedence over the configuration when passed in a transaction.
						
						 • Valid values are:
						
						    o F— FedEx Generated
						
						    o C — Customer Generated
						
						 Note:
						
						 • FedEx Generated is not available with the 049/149 Pre-Shipment Document Upload transaction
						
						 • During 049 Pre-upload, if the user does not pass 2821 tag (FedEx Generated or Customer Generated) then the application treats "ETD Document Generation" as type 'C' (Customer Generated).

ETD Document Status						
2822	Max=2	N	O	FDXE FDXG	IE IF IPF IEF IG	Description Indicates the status of a document within an Electronic Trade Documents shipment when returned in the Reply transaction for Shipping (120), Pre-Shipment (149) or Shipment Query (124). Valid values are: <table><tr><td>01 — Successfully Uploaded</td><td>06 — Invalid File Format</td></tr><tr><td>02 — Upload Pending</td><td>07 — Invalid Document Type</td></tr><tr><td>03 — Upload Unsuccessful</td><td>08 — Invalid Filename</td></tr><tr><td>04 — Virus Detected</td><td>09 — System Error</td></tr><tr><td>05 — File too Large</td><td>10 — Duplicate File</td></tr></table>
End of Record Indicator						
99	Max=0	NULL	I/O	All	All	Field level: Shipment **Required**

| Field ID | Field length | Date Type | Input/ Output | FedEx shipping | | Pre-Shipment Document Upload Reply Description |
				Carrier Code (Services)	Valid for	
						Description • End of Record Indicator field indicates the end of a transaction. • The format is 99,"" (99 followed by a comma and two quotation marks). • All FedEx Ship Manager® Server transactions must end with 99,"".

Re-printing FedEx Generated Documentation

If customers attempt to upload Electronic Trade Documents and they receive a warning message that these documents could not be uploaded, then they must reprint the FedEx generated documentation for the required reports using one of the following reprint functions:

Refer FedEx Ship Manager® Server utilities for a complete description of FSMS utilities.

020/120 Global Ship Request/Reply Electronic Trade Documents Fields

Fields for uploading Electronic Trade Documents while shipping are:

- Field 2817 (Document Reference ID); this field is Required* for all 049/149 and 020/120 transactions.

Note: If this field is not used in the transaction, then this will be auto generated by FSMS. If documentation is previously uploaded with the 049/149 Pre-Shipment Document Upload Request/Reply transaction, then the document reference ID from that transaction should be passed in the 020 Global Ship Request transaction. If you create your own Document Reference ID in a 049/149 Pre-Shipment Document Upload Request/Reply transaction, it is simpler to link, but if you let FedEx create the link, it will be 40 characters long.

- Field 2818 (ETD Document Type); this field is Required for all 049/149 and 020/120 transactions.
- Field 2819 (ETD Document Filename); this field is **Required** for all 049/149 and 020/120 transactions for Customer Generated documents.

The following optional fields override the configuration settings:

- Field 2820 (ETD Wait for Confirmation)
- Filed 2805 (ETD Indicator)
- Field 2821 (ETD Document Generation)
- Field 2821 will be used in the 020/120 Global Ship Request/Reply Transactions so customers can identify Customer Generated as the ETD Document Type in case of Multiple Customer Invoices (FedEx Express and FedEx Ground) or Multiple Pro forma Invoices (Express).

Note: The label image is uploaded at ship time. For Single Piece, Single Shot, Total Piece/Total Weight and Open Ship, the image is uploaded on confirmation. FedEx Ship Manager® Server will not upload a Ground shipping label. Refer Label and form transactions for more information on labels.

Table 149 describes the 020 Global Ship Transaction Request Fields for Electronic Trade Documents Upload and Shipping in Addition to Basic 020 Global Ship Transaction Fields.

Table 62: 020 Global Ship transaction request fields for ETD Upload and shipping

| Field ID | Field length | Date Type | Input/ Output | FedEx shipping | | Pre-Shipment Document Upload Request Description |
				Carrier Code (Services)	Valid for	
ETD Indicator						

2805	Max=1	A	I/O	FDXE FDXG	IE IF IPF IE IGF	**Field level:** Shipment **Optional** **Description**
						• Electronic Trade Documents (ETD) Indicator is used to override the Electronic Trade Documents flag on the Meter Settings tab. This tag takes precedence over the configuration when passed in a transaction.
						• Valid values are:
						    ○ Y—Yes
						    ○ N—No
						Note: If tag is not sent, blank, or invalid, the value on the configuration screen applies.

Document Reference ID						
2817-#	Min=1 Max=40	AKE	I/O	FDXE FDXG	IE IF IPF IEF IG	**Field level:** Shipment **Required** **Description** Document Reference ID field indicate a unique ID for each given Electronic Trade Documents being uploaded in the transaction.
ETD Document Type						
2818-#	Max=1	N	I/O	FDXE FDXG	IE IF IPF IEF IG	**Field level:** Shipment **Required** *Required if Field 2819 is present in the request transaction. If Field 2818 is not found, an error will be returned. **Description** • ETD Document Type field determines

| Field ID | Field length | Date Type | Input/ Output | FedEx shipping | | Pre-Shipment Document Upload Request Description |
				Carrier Code (Services)	Valid for	
						type of document(s) that are electronically uploaded. It is used with Field 2819 (Electronic Trade Documents filename).

type of document(s) that are electronically uploaded. It is used with Field 2819 (Electronic Trade Documents filename).

- Valid values are:
  - o 0 - Label Upload (this is an output response value only)
  - o 1 - Commercial Invoice
  - o 2 - Certificate of Origin
  - o 3 - Pro forma Invoice
  - o 4 - USMCA/T-MEC/CUSMACOO - USMCA/T-MEC/CUSMA Certification of Origin
  - o 5 – Other – Unidentified or Not Classified
  - o 6 - USMCA/T-MEC/CUSMACICOO - USMCA/T-MEC/CUSMA Commercial Invoice - Certification of Origin

- For multiple documents being uploaded in this transaction, each occurrence of Field 2819 must have a corresponding occurrence of Field 2818 with the valid value set.

- Example: If the first occurrence of 2819 (2819-1) has a file name of "C:\Folder\CommercialInvoice.txt," then subsequently, Field 2818 and the first occurrence (2818-1) should be set to 1 (Commercial Invoice) for the document type.

Notes: It is the customer's responsibility to ensure that the document uploaded matches the valid value passed in for this tag.

There are a few countries (e.g., China) that will allow ETD but not allow the CI or PI to be uploaded. In this scenario, if the user has indicated the shipment as ETD via tag# 2818 (ETD Document Type), the documents can still be uploaded as long as the required images

| Field ID | Field length | Date Type | Input/ Output | FedEx shipping | | Pre-Shipment Document Upload Request Description |
				Carrier Code (Services)	Valid for	
						(letterhead, signature or both) are included. ETD takes precedence in this scenario.
ETD Document Filename						
2819-#	Min=1 Max=255	AKE	I/O	FDXE FDXG	IE IF IPF IEF IG	**Field level:** Shipment **Required** **Description** ETD Document Filename field contains the fully qualified filename of the document to be uploaded including the valid path where this document is located. *Note: The maximum length for an Electronic Trade Documents filename is 30 characters.*
ETD Wait for Confirmation						

2820	Max=1	A	I	FDXE FDXG	IE IF IPF IEF IG	**Field level:** Shipment
						Optional
						Description
						• ETD Wait for Confirmation field is a flag that indicates if the customer wants to wait for a confirmation from the back-end system that a customs document was uploaded successfully.
						
						Note: This tag takes precedence over the configuration when passed in a transaction if there is a conflict between the transaction and the configuration settings.
						
						• Valid values are:
						   o Y— Wait for Confirmation (equates to "Required" in the configuration)
						   o N— Do Not Wait for Confirmation (equates to "Not Required" in the configuration)

ETD Document Generation						
2821-#	Max=1	A	I	FDXE FDXG	IE IF	**Field level:** Shipment **Optional**

| Field ID | Field length | Date Type | Input/Output | FedEx shipping | | Pre-Shipment Document Upload Request Description |
				Carrier Code (Services)	Valid for	

					IPF
					IEF
					IG
						Description
						
						• ETD Document Generation field is a flag that indicates if the customer wants to override the configuration setting between FedEx Generated Customs document or Customer Generated documents. This field takes precedence over the configuration when passed in a transaction.
						
						• Valid values are:
						    o F— FedEx Generated
						    o C — Customer Generated
						
						Note:
						
						• *FedEx Generated is not available with the 049/149 Pre-Shipment Document Upload transaction.*
						
						• *During 049 Pre-upload, if the user does not pass 2821 tag (FedEx Generated or Customer Generated) then the application treats "ETD Document Generation" as type 'C' (Customer Generated).*

End of Record Indicator						
99	Max=0	NULL	I/O	All	All	**Field level:** Shipment **Required** **Description** • End of Record Indicator field indicates the end of a transaction. • The format is 99,"" (99 followed by a comma and two quotation marks). • All FedEx Ship Manager® Server transactions must end with 99,"".

024/124 Shipment Query Request/Reply transactions

The following example shows the minimum reply fields you can use in a 024/124 Shipment Query Request/Reply transaction. This transaction is for an Electronic Trade Document shipment.

0,"124"1,"Global Shipment Query"11,"Recipient Company"12,"Auto Step 004"13,"387 Main Street"14, "Single piece"15,"QUEBEC"16,"ON"17,"M1M1M1"18,"1234567890"22,"01"23,"49"24,"20100320"25,

"Single piece"29,"876543289054"34,"2360"35,"7408"36,"472"37,"9296"50,"CA"53,"0"57,"0"58,"0"59, "0"60,"15"75,"LBS"1086,"0"1087,"0"2817,"ETDDOCUMENTEFERENCE"2822,"01" 99,""

Invalid Electronic Trade Documents Transactions

Maximum Filename Size Exceeded

If you attempt to upload shipping documents using the 049/149 Pre-Shipment Document Upload transaction, and Field 2819 is sent with a filename greater than 30 characters, and all other Pre-Shipment Document Upload transaction data is valid, then Error Message, "Electronic Trade Document Upload cannot be processed. File name exceeds maximum character length allowed," appears, and the transaction fails.

Invalid File Path

If you attempt to upload shipping documents using the 049/149 Pre-Shipment Document Upload transaction, and either the Use ETD checkbox is checked on the Meter Settings tab or Field 2808 is set to Electronic Trade Documents Indicator, and Field 2819 is sent with an invalid path, and all other Pre-Shipment Document Upload transaction data is valid, then the Error Message, 5040 "Invalid File Path.," displays.

Invalid Filename

If you attempt to upload shipping documents using the 049/149 Pre-Shipment Document Upload transaction, and Field 2819 is sent with an invalid path, and all other Pre-Shipment Document Upload transaction data is valid, then Error Message 2650, "Electronic Trade Document Upload cannot be processed without a valid filename" appears, and the transaction fails.

Invalid Document Type

If you attempt to upload shipping documents via the 020/120 Global Shipping Transaction, and either the "Use ETD" checkbox is checked on the Meter Settings tab or the "ETD Indicator" Field 2805 is passed in the transaction, and you send in Field 2818 (Document Type) blank or with an invalid value, and all other Global Shipping transaction data is valid, then Warning Message 2651 "Electronic Trade Document Upload cannot be processed without a valid Document Type. Please print shipping documents and attach to shipment," displays. The transaction is successful, and you are informed that the printed copy of shipping documents, Customer Generated or FedEx Generated, is needed for shipments.

Dangerous Goods or Dry Ice

If you attempt to process an International Express Electronic Trade Documents shipment via the 020 Global Shipping Transaction, and either the "Use ETD" checkbox is checked on the Meter Settings tab or the "ETD Indicator" Field 2805 is passed in the transaction, and you pass in any field related to DG or Dry Ice, and all other transaction inputs are valid for international shipping, then Warning Message 2652, "Electronic Trade Document Upload cannot be processed with DG or Dry Ice. Please print shipping documents and attach to shipment," is returned in the reply transaction. The transaction is successful, and you are informed that printed copy of shipping documents, Customer Generated or FedEx Generated, is needed for shipments.

Electronic Trade Documents Upload Not Allowed from Origin or to Destination Country

If you attempt to upload either a FedEx Generated or Customer Generated Commercial Invoice, Certificate of Origin (COO), Pro forma Invoice, or other document using the 049/149 Pre-Shipment Document Upload Request/Reply, and the origin meter country is set to N and/or the destination country is set to N in the country.dat file, and all transaction data is valid, then Error Message 2656,

"Electronic Trade Document Upload is not available from origin or to destination," is displayed, and the transaction fails.

If you attempt to upload shipping documents using the 020 Global Ship Request transaction, and the Use Electronic Trade Documents checkbox is not selected on the Meter Settings tab, and all other transaction inputs are valid for international shipping, then Error Message 2648, "Electronic Trade Document Upload is not available from origin or to destination. Please print shipping documents and attach to shipment" is displayed, and the transaction fails.

Electronic Trade Documents Upload not Available for Future Day Shipping

If you attempt to upload documents in the shipping transaction and either the "Use ETD" checkbox is checked on the Meter Settings tab or the "ETD Indicator" Field 2805 in passed in the transaction, and you passed in Field 24 Ship Date set for a Future Day and all other transaction inputs are valid for international shipping, the Warning Message 2653, "Electronic Trade Document Upload is not available with Future Day Shipping. Please print shipping documents and attach to shipment." is displayed. The transaction is successful, and you are informed that printed copies of shipping documents, Customer Generated or FedEx Generated, will be needed for shipments.

7.6.3 Deleting a FedEx Express International shipment

Use the 023 Global Delete Request transaction to delete a single piece or all pieces in a FedEx Express International multiple-package shipment.

> *Note: If you enter a tracking number associated with a multiple-piece shipment, FSMS deletes all pieces in this shipment.*

7.6.4 FedEx Express International list rates and surcharges

FedEx shippers can download list rates for FedEx Express International shipping for all geographical regions available for the service. You can display or return these rates as rate quotes or as customized doc-tabs and reports in the same way you display and return domestic list rates. The below table lists the available list rates and service regions.

Table 63: Available FedEx Express International list rates

Type of List Rate	Available for…
Express International List Rates	All regions
Express Intra Canada List Rates	Canada-origin devices only
FedEx® International DirectDistribution Surface Solutions (IDD Surface) List Rates	Devices enabled for FedEx® International DirectDistribution Surface Solutions (IDD Surface) origins: Canada (IDD CA) and Mexico (IDD MX). IDD Surface is a contract service; contact your Account Executive for more information about this service.

7.6.5 FedEx Express International list rates and surcharge fields

The table below describes the fields which return FedEx Express International list rates and surcharges in the 120 Global Ship Reply transaction.

You may download list rates for intra-Canada FedEx Express® shipping for Canada-origin devices only.

Table 64: Fields for returning Express International list rates

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transaction: 120 Global Ship Reply |
				Carrier Code (Services)	Valid for	
List Third Party Consignee Surcharge						
4027	Min=1 Max=11.2	N	O	FDXE	INTL	**Description** • Positive numbers only. Two implied decimal places. (1-9999) • See Field 3309 for Third Party Consignee.
List Rate Currency Type						
4028	Max=3	A	O	FDXE	INTL	**Field level:** Package **Description** • List rate currency type to be returned, for example, USD or CAD. • Valid values are currency codes listed in Appendix C of the *FedEx Ship Manager® Server Transaction Coding Reference Guide*.
List Off-Shore Surcharge						
4029	Min=1 Max=11.2	N	O	FDXE	INTL	**Description** • Surcharge applied if package is shipped from a non-U.S. country to Alaska or Hawaii; for example, from France to Hawaii. • Valid values are positive numbers only (1-9999).
List Europe First Surcharge						
4030	Min=1 Max=11.2	N	O	FDXE	INTL	**Description** • Positive numbers only. Two implied decimal places. (1-9999).

Downloading Intra-Canada List Rates for Canada-Origin Meters

Shippers can use the FedEx Demand Download Utility to download list rates for their system.

Refer FedEx Ship Manager® Server utilities for information about this Utility.

To download Intra-Canada and FedEx® International DirectDistribution Surface Solutions List Rates:

1. Navigate to the FSMS folder on your desktop and double-click the **Demand Download** icon. The **Demand Download** dialog box displays.

2. Select a Canada-origin meter from the **Meter/Account** list for which you want to activate the download.

3. In Download Type, check the Express Domestic List Rates checkbox.

4. Click **Start.**

5. When the download completes, you must exit the Demand Download Utility to implement the downloaded list rates on your system.

7.6.6 International service option surcharges

The following surcharges and rating occur for FedEx Express International service options.

Unit Weight Rating and Surcharge Rates

You can designate intra-Canada FedEx Express shipments to be assessed by unit weight rating instead of a flat surcharge rate on the shipment. The following surcharges for intra-Canada shipments can use unit rating:

- Saturday Pickup

- Saturday Delivery

- Accessible Dangerous Goods

- Inaccessible Dangerous Goods

The international rates for unit rating of surcharges for the above service options are returned for all qualified intra-Canada FedEx Express shipments.

Outside Delivery and Pickup Area Surcharge Rates

Download Out of Delivery Area (ODA) and Out of Pickup Area (OPA) and surcharge rates using the Demand Download Utility. For information about this Utility, refer FedEx Ship Manager® Server utilities.

To download ODA/OPA surcharge rates using Demand Download Utility

1. Open the Demand Download Utility screen.

2. Check the **ODA/OPA** check box. This box allows you to demand download Out of Delivery Area (ODA) and Out of Pickup Area (OPA) surcharges for your Parent meter.

3. Click **Start** to start the download.

4. After the download completes, you must exit the Demand Download Utility to make the surcharge rates available on your system.

7.6.7 Returning total charges without added Canada taxes

For FedEx Express International shipments, a FedEx company can receive a rate quote given in CAD (Canada dollars) for all Canada-origin shipments regardless of the billed currency type on a customer's account. This is a change from the current behavior for users who have their accounts billed in a non-CAD currency and cannot receive a rate quote in CAD.

This feature allows a shipper to set up the quick rate quote to display a quote that does not include Canadian taxes or to show the total rate (with taxes) in their quick rate quote. A pre-tax rate, a sub-

total, and a net rate total can be given in the breakdown of charges shown in a detailed rate quote. For this feature, the sub-total rate, which gives the rate prior to taxes, is the default, but the shipper can set an option that allows taxes.

It also allows the FedEx® International DirectDistribution Surface Solutions shipper who bills in USD to receive a rate quote for non-IDD Surface services.

The rate quote will not be available for clients if there is a Carriage Value and the currency is declared in a non-origin currency type. If the rate quote is not available, FSMS sends an error message that explains the circumstances.

Fields for Returning Shipping Costs

The below table lists the existing fields that FSMS shippers can continue to use to return shipping cost amounts:

Table 65: Fields to return shipping costs

To Return ...	Use Field	Field Name	Field Description
Net charge including Canada taxes	37	Net Charge	• Total charge returned in Field 37 (Net Charge) includes all applicable Canadian taxes. • All discounts, including Earned Discounts, if applicable, are calculated as part of your TOTAL DISCOUNT AMOUNT, Field 36 and thus calculated as part of your NET CHARGE AMOUNT, Field 37.
List of net charges including Canada taxes	1528	List Net Charge	Total charges returned in Field 1528 (List Net Charge) includes any applicable Canadian taxes.
Total surcharge amount including Canada taxes	35	Total Surcharge Amount	Total charges returned in Field 35 (Total Surcharge Amount) includes any applicable Canadian taxes.
List of total surcharges including Canada taxes	1507	List Total Surcharge Amount	Total charges returned in Field 1507 (List Total Surcharge Amount) includes any applicable Canadian taxes.

Shippers can also use Field 1234 (Rate/Route/Time-in-Transit Flag) in a 020/120 Global Ship Request/Reply transaction to receive a rate quote.

Fields for Shipment Charges Prior to Canadian Taxes

The six fields listed in the following table give FedEx shippers the option of calculating shipment charges before adding Canadian taxes. These fields apply to Transactions: 020/120 Global Ship Request/Reply - Single Piece, Single Shot, Open Ship, 025/125 Rate All Services Request/Reply.

Table 66: Fields for FedEx Express U.S. shipment charges

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	
Net Freight Charge Before Canada Taxes						
1533	Min=1 Max =11.2	N	O	FDXE FDXG	All	• Net Freight Charge amount. • Valid values are positive numbers 1-9999. Two implied decimal places.
List Net Freight Charge Before Canada Taxes						
4889	Min=1 Max=11.2	N	O	FDXG	CA	• List Net Freight Charge equals the List Freight Charge plus the List Total Surcharge Amount Before Canada Taxes (Field 4890). • Valid values are positive numbers 1-9999. Two implied decimal places.
Total Surcharge Amount Before Canada Taxes						
4890	Min=1 Max =11.2	N	O	FDXE	CA	• Total dollar amount for surcharges. • Amount does not include Canada taxes (GST, HST, and QST) incurred for the shipment. • Valid values are positive numbers 1-9999. Two implied decimal places.
List Total Surcharge Amount Before Canada Taxes						
4891	Min=1 Max=11.2	N	O	FDXE FDXG	CA	• List total surcharge amount before Canada taxes (GST, HST, and QST). • Valid values are positive numbers 1-9999. Two implied decimal places.
Total Customer Handling Charge Before Canada Taxes						
4892	Min=1 Max=11.2	N	O	FDXE FDXG	CA	• Total Customer Handling Charge equals the Net Charge (Field 37) plus the Handling Charge (Field 1596) before Canada taxes (GST,

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
						HST, and QST). • Valid values are positive numbers 1-9999. Two implied decimal places.
List Total Customer Handling Charge Before Canada Taxes						
4893	Min=1 Max=11.2	N	O	FDXE FDXG	CA	• List Total Customer Handling Charge equals the List Net Charge (Field 37) plus the List Handling Charge (Field 1596) before Canada taxes (GST, HST, and QST). • Valid values are positive numbers 1-9999. Two implied decimal places.

7.6.8 Transaction scenarios for requesting list rates and surcharges

Table 154 provides three FSMS transaction scenarios for requesting FedEx list rates and surcharges.

Table 67: List rates and surcharge transaction scenarios

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
Rate Quote Type				**Transactions: 020 Global Ship Request, 025 Rate All Services Request**		
3062	Max=1	N	I	FDXE FDXG	All	**Field level:** Shipment for single transactions **Field level:** Package for *020/120 Global Ship Request/Reply* Open Ship transactions **Optional** Description • Indicates the type of rates returned in the *120 Global Ship Reply* transaction o 1 — Account Specific Rates only (default)

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
						o 2 — Standard List Rates and Account Specific Rates
						o 3 — No Shiptime Rates
						• For shipping, use Single Shot, Single Piece, Open Ship, or MPS.
Rate/Route/Time-in-Transit Flag					**Transactions: 020 Global Ship Request, 025 Rate All Services Request**	
1234	Max=1	N	I	FDXE FDXG FXGE	All	**Field level:** Shipment for single transactions. **Field level:** Package for 020/120 Global Ship Request/Reply Open Ship transactions. **Optional** Description • Indicates the Rate/Route/Time in Transit flag. * • Route is for FedEx Express and Time-in-Transit is for FedEx Ground. • Valid values are: o 1 — Rate Quote o 2 — Route/Time in Transit o 3 — Rate Quote and Route • *CA and U.S. origins can rate; all origins can route. • Valid FedEx Ground® Economy values are: o 1 — Rate Quote o 3 — Rate Quote and Route • Passing this field in a transaction returns a rate quote only, and the shipment is not processed for shipping. • To ship a package after a rate/route request, code this field in a new *020 Request* transaction with no value: 1234,"" • For shipping, use Single Shot, Single

Field ID	Field length	Data type	Input\ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
						Piece, Open Ship, or MPS. *Note: For Open Ship shipments you can also capture rate quotes by setting position 3 to Field 541 (Open Ship Flags) to Y.*
Open Ship Flags						**Transactions: 020 Global Ship Request, 060 Freight Create BOL Request**
541	Max=9	A	I	FDXE FDXG FXFR FXGE	All	**Required*** **Required for Open Ship.* **Description** - Identifies transaction functions using nine one-byte flags which are set to Y to indicate shipment level or package level flag. - Specify Y in the position(s) of the Open Ship functions used for a given transaction. Specify N in all other positions. All flags must be used and must be either Y or N. If you enter all Ns, all Open Ship functions are disabled. - Default: YNNNNNNNY (CREATE and CONFIRM the Open Ship shipment.) - Each one-byte flag is defined in sequence in the following array: 1 — CREATE an Open Shipment 2 — ROUTE/Time in Transit 3 — RATE 4 — ADD a piece/package 5 — EDIT a piece/package 6 — EDIT/ADD data to the entire shipment 7 — DELETE a package 8 — DELETE the shipment 9 — CONFIRM the shipment - For shipping, use Open Ship.

Field ID	Field length	Data type	Input\ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
						• Refer FedEx Ship Manager® Server Developer Guide for shipping rules.

7.7 FedEx Electronic Trade Documents (ETD) sample transactions

7.7.1 049/149 Pre-Shipment Document Upload Request/Reply

Commercial Invoice for Electronic Trade Documents for International Express Priority Shipment with a Commodity Originating in U.S.

0,"049"1,"Single piece"11,"Company"12,"Name"13,"1 Main Street"15,"TORONTO"16,"tn"17,"38135"18,
"1234567890"23,"1"25,"Reference"26,"2501"50,"us"116,"1"117,"US"119,"250100"187,"288"414,
"IN"1090,"USD"1116,"IN"1139,"123456789"1273,"01"1274,"01"1349,"S"1350,"123456789"1358,
"30.37(i)"1670 ,"1500"16702,"1500"1958,"BBL"2805,"Y"2817,"test049"2818,"1"2819,
"C:\yourETDuploadsample.txt"99,""

0,"149"10, 50,"US"117,"US"498, 2817,"test049"2818,"1"2819,"C:\yourETDuploadsample.txt"2821,
"C"99,""

7.7.2 020/120 Global Ship Request/Reply

Basic Single Piece Shipment for Commercial Invoice for Electronic Trade Documents for International Express Priority Shipment with a Commodity Originating in U.S.

0,"020"1,"Single piece"11,"Company"12,"Name"13,"1 Main Street"15,"TORONTO"16,"ON"17,
"M5K1V8"18,"1234567890"23,"1"25,"Reference"26,"2501"50,"CA"70,"1"72,"1"74,"CA"75,"lbs"79,
"BOOKS"80,"US"116,"1"117,"US"119,"250100"187,"PNG"414,"IN"1090,"USD"1116,"IN"1139,
"123456789"1273,"01"1274,"92"1349,"S"1350,"123456789"1358,"30.37(i)"1670,"1000"1958,
"BBL"2805,"Y"2818,"1 "2819,"C:\yourETDuploadsample.txt"99,""

Basic MPS Shipment for Commercial Invoice for Electronic Trade Documents for International Express Priority Shipment with a Commodity Originating in U.S.

0,"020"1,"MPS"11,"Company"12,"Name"13,"1 Main Street"14,""15,"TORONTO"16,"ON"17,"M5K1V8"18,
"1234567890"23,"1"25,"Reference"26,"2501"50,"CA"70,"1"72,"1"74,"CA"75,"lbs"79,"BOOKS"80,
"US"116,"4"117,"US"119,"250100"187,"PNG"414,"IN"1090,"USD"1116,"IN"1139,"123456789"1273,
"01"1274,"92"1349,"S"1350,
"123456789"1358,"30.37(i)"1670,"1500"1670-2,"1500"1958,"BBL"1958-2,"BBL"2805,"Y"2818,"1"2818-
2,"1"2819,"C:\yourETDuploadsample.txt"2819-2,"C:\yourETDuploadsample.txt"99,""

OpenShip Transactions for Commercial Invoice for Electronic Trade Documents for International Express Priority Shipment with a Commodity Originating in U.S.

0,"020"1,"Open"11,"Company"12,"Name"13,"1 Main Street"14,""15,"TORONTO"16,"ON"17,"M5K1V8"18, "1234567890"23,"1"25,"Reference"26,"25"50,"CA"70,"1"72,"1"74,"CA"75,"lbs"79,"BOOKS"80,"US"117, "US"119,"250100"187,"PNG"414,"IN"541,"YNNNNNNNN"542,"Express"1090,"USD"1116,"IN"1139, "123456789"1273,"01"1274,"01"1349,"S"1350,"123456789"1358,"30.37(i)"1670,"1500"1958, "BBL"2818,"1"2819,"C:\yourETDuploadsample.txt"99,""

0,"120"1,"Open"10,"610366546"29,"940079202765"498,526,"0430"542,"Express"1678,"FDX0"2817, "ID-14BFE5DD-C4C0-4E7B-BCA4-AB8335EBAC27"2818,"1"2819,"C:\yourETDuploadsample.txt"99,""

0,"020"1,"Add a piece"11,"Company"12,"Name"13,"1 Main Street"14,""15,"TORONTO"16,"ON"17, "M5K1V8"18,"1234567890"23,"1"25,"Reference"26,"25"50,"CA"70,"1"72,"1"74,"CA"75,"lbs"79, "BOOKS"80,"US"117,"US"119,"250100"187,"PNG"414,"IN"541,"NNNYNNNNN"542,"Express"1090, "USD"1116,"IN"1139,"123456789"1273,"01"1274,"01"1349,"S"1350,"123456789"1358,"30.37(i)"1670, "1500"1958,"BBL"2818,"1"2819,"C:\yourETDuploadsample.txt"99,""

0,"120"1,"Add a piece"10, 21,"15"26,"2500"29,"940079202776"57,""58,""59,""116,"2"498, 526, "0441"542,"Express"1117,"0002"1123,"940079202765"1124,"0430"2817,"ID-1887A3B1-CD60-4154-A4D4-47CE41444921"2818,"1"2819,"C:\yourETDuploadsample.txt"99,""

0,"020"1,"Confirm"11,"Confirm"12,"Name"13,"1 Main Street"14,""15,"TORONTO"16,"ON"17, "M5K1V8"18,"1234567890"23,"1"25,"Reference"26,"25"50,"CA"70,"1"72,"1"74,"CA"75,"lbs"79, "BOOKS"80,"US"117,"US"119,"250100"187,"PNG"414,"IN"541,"NNNNNNNNY"542,"Express"1090, "USD"1116,"IN"1139,"123456789"1273,"01"1274,"01"1349,"S"1350,"123456789"1358,"30.37(i)"1670, "1500"1958,"BBL"2818,"1"2819,"C:\yourETDuploadsample.txt"99,""

0,"120"1,"Confirm"10, 30,"XV YOOA "33,"AA"34,"17663"35,"2914"36,"00"37,"20577"60,"30"112, "30"116,"2"119,"250100"194,""195,"YYZ"198,"YOOA "409,""431,"N"498, 542,"Express"557,"02"558, "5024"559,"Express Domestic/International List Rates are not available."650,"TRK#"650-2,"MPS#"651, "0430"651-2,"0441"652,"## MASTER ## "652-2,"Mstr# 9400 7920 2765"653,"XV YOOA "654,""655,"1 of 2"655-2,"2 of 2"656,"9400 7920 2765"656-2,"9400 7920 2776"657,""657-2,"0430"658,"AA"659,"INTL PRIORITY"660,""661,"M5K 1V8"662,"ON-CA"663,"YYZ"665,"505C1/8B40/5FE8"1084,"JLNA "1086, "0"1090,"USD"1092,"A"1125,"0"1136,"XV"1274,"01"1359,"NO EEI 30.37 (i)"1533,"20577"1596,""1598, "20577"1947,"490"1948,"2914"1981,"10:30 AM"1992,""2399,"0"2817,"ID-6432E15B-3C52-40D8-BC16-2E478DA7D7BE"2817-2,"ID-23DA98F4-7FBA-4E91-94C7-EE31B31F52E5"2818,"1"2818-2, "0"2819,"C:\yourETDuploadsample.txt"2819-2,"C:\FedEx\FedEx_ETDLabels\940079202765.PDF"99,""

OpenShip Transaction for Commercial Invoice for Electronic Trade Documents for International Ground Shipment with a Commodity Originating in U.S.

0,"020"1,"Open"11,"Company"12,"Name"13,"1 Main Street"14,""15,"TORONTO"16,"ON"17,"M5K1V8"18, "1234567890"23,"1"25,"Reference"26,"2501"50,"CA"70,"1"72,"1"74,"CA"75,"lbs"79,"BOOKS"80, "US"117,"US"119,"250100"187,"PNG"414,"IN"541,"YNNNNNNNN"542,"GROUND"1090,"USD"1116, "IN"1139,"123456789"1273,"01"1274,"92"1349,"S"1350,"123456789"1358,"30.37(i)"1670,"1500"1958, "BBL"2818,"1"2819,"C:\yourETDuploadsample.txt"99,""

0,"120"1,"Open"10,"610366546"29,"005974770000025"498,"XXXXXX"542,"GROUND"1678, "FDX0"2817,"ID-C7BB2A94-7ED9-48EC-996A-1C13E1B9ABEB"2818,"1"2819, "C:\yourETDuploadsample.txt"99,""

0,"020"1,"Add a piece"11,"Company"12,"Name"13,"1 Main Street"14,""15,"TORONTO"16,"ON"17, "M5K1V8"18,"1234567890"23,"1"25,"Reference"26,"2501"50,"CA"70,"1"72,"1"74,"CA"75,"lbs"79, "BOOKS"80,"US"117,"US"119,"250100"187,"PNG"414,"IN"541,"NNNYNNNNN"542,"GROUND"1090,

"USD"1116,"IN"1139,"123456789"1273,"01"1274,"92"1349,"S"1350,"123456789"1358,"30.37(i)"1670,
"1500"1958,"BBL"2818,"1"2819,"C:\yourETDuploadsample.txt"99,""

0,"120"1,"Add a piece"10,"610366546"29,"005974770000032"498,"XXXXXX"1678,"FDX0"2817,"ID-
CB7F39C5-57DC-4F1F-AA94-745CAC0DD9F1"2818,"1"2819,"C:\yourETDuploadsample.txt"99,""

0,"020"1,"Confirm"11,"Company"12,"Name"13,"1 Main Street"14,""15,"TORONTO"16,"ON"17,
"M5K1V8"18,"1234567890"23,"1"25,"Reference"26,"2501"50,"CA"70,"1"72,"1"74,"CA"75,"lbs"79,
"BOOKS"80,"US"117,"US"119,"250100"187,"PNG"414,"IN"541,"NNNNNNNNY"542,"GROUND"1090,
"USD"1116,"IN"1139,"123456789"1273,"01"1274,"92"1349,"S"1350,"123456789"1358,"30.37(i)"1670,
"1500"1958,"BBL"2818,"1"2819,"C:\yourETDuploadsample.txt"99,""

0,"120"1,"Confirm"10,"610366546"34,"4720"35,"8745"36,"0"37,"13465"60,"30"112,"30"116,"2"498,
"XXXXXX"542,"GROUND"543,"0"1089,"0"1090,"USD"1092,"51"1274,"92"1359,"NO EEI 30.37 (i) "1596,
"0"1598,"13465"1690,"N"1942,"N"1943,"N"1944,"N"1947,"100"1947-2,"490"1947-3,"660"1948,
"3640"1948-2,"248"1948-3,"4857"1981,"End of Day"1992,"0"2399,"3"2399-2,"3"2405,"N"2703,"-
1"2817,"ID-DCB68BD8-85AE-4AC6-80A5-1147DD7E4504"2817-2,"ID-F16250C6-C153-4DAD-AD81-
1F9331583062"2818,"1"2818-2,"0"2819,"C:\yourETDuploadsample.txt"2819-2,
"C:\FedEx\FedEx_ETDLabels\005974770000025.PDF"3058,"4"3063,
"961202200597477000025"3063-2,"961202200597477000032"3065,"420M5K1V8"3073,
"022"3073-2,"022"99,""

020 Shipment with Customer Provided Commercial Invoice from U.S. to Canada for a Single Shot Shipment

0,"020"1,"ETD3"11,"1061 TEST"12,"TEST 1061"13,"546 HALF WAY ST"15,"TORONTO"16,"ON"17,
"M1M1M1"18,"8005551212"23,"1"25,"TEST SHIPMENT"26,"0"50,"CA"69,"0"72,"1"74,"CA"75,"LBS"78,
"100"79,"MOTHER BOARD"80,"US"81,"123456.025"82,"45"113,"N"117,"US"119,"100"187,""414,
"EA"440,"N"537,"C:\IntlDocs\Labels"541,"YNNNNNNNY"542,"025"1030,"150000"1090,"USD"1139,
"156342589"1273,"01"1274,"01"1282,"B"1358,"30.36"1660,"Y"1670,"100"1958,"BOX"2805,"N"2817,
""2818,""2819,""2820,""2821,""4574,""99,""

0,"120"1,"ETD3"10,"341442222"29,"942694814146"30,"NW YBZA "33,"AM"34,"5383"35,"888"36,
"00"37,"6271"60,"1""112,"1"116,"1"119,"675"188,""194,""195,"YYZ"198,"YBZA "409,""431,"N"498,
"118473"526,"0488"542,"025"557,"01"558,"2530"559,"Calculated Total Customs Value will be used for
this shipment."650,"TRK#"651,"0488"652,""653,"NW YBZA "654,""655,""656,"9426 9481 4146"657,
""658,"AM"659,"INTL PRIORITY"660,"ETD"661,"M1M 1M1"662,"ON-CA"663,"YYZ"665,
"508C2/8FFA/9A24"1084,"LDJA "1086,"0"1090,"USD"1092,"A"1125,"0"1136,"NW"1274,"01"1359,"NO
EEI 30.36"1393,"888"1507,"888"1519,"5383"1520,"888"1525,"00"1528,"6271"1533,"6271"1596,""1597,
""1598,"6271"1599,"6271"1678,"FDX0"1981,"4:30 PM"1992,""2399,"0"2817,"ID-103D02B1-0C56-
487C-B230-977026357ED1"2817-2,"ID-BEFE9A0E-D575-4410-8C27-B90EC3D64920"2818,"1"2818-
2,"0"2819,"C:\IntlDocs\CI_942694814146.DOC"2819-2,
"C:\FedEx\FedEx_ETDLabels\942694814146.PDF"4028,"USD"4889,"6271"4891,"888"4893,"6271"99,""

020 Shipping Transaction with Upload of FedEx Generated Commercial Invoice / ETD Doc type (Field 2818) = Commercial Invoice / ETD Document Generation (Field 2821) = FedEx Generated / ETD Wait for Confirmation (Field 2820) = Yes / FedEx provides Document Reference ID (Field 2817) in Reply

0,"020"1,"1061 UAT OPS CREATE International Shipment"11,"TEST FOR FXRS"12,"TESTING"13,"456
AVE OF THE AMERICAS"15,"PARIS"17,"75247"18,"9015690969"23,"1"25,"OPS FED CI 2805-Y, 2818-1,
2821-F, 2820-Y"50,"FR"57,"12"58,"12"59,"12"68,"USD"79,"GAMES"80,"US"82,"2"117,"US"119,
"1000"414,"EA"440,"N"541,"YNNNNNNNN"542,"101"1030,"500"1090,"USD"1273,"01"1274,"01"1358,
"30.37(a)"1670,"1200"2805,"Y"2818,"1"2819,"C:\ETDDOC"2820,"Y"2821,"F"99,""

0,"120"1,"1061 UAT OPS CREATE Internatio"10,"610366546"29,"401202750878"498,
"XXXXXX"526"0488",119,"50",542,"102"1678,"FDX0"2817,"ID-B0807834-1AAC-4062-B(*(-
^C&(4A69BE%C"2818,"1"2819,"C:\ETDDOC"2822,"1,"99"

020 Shipping Transaction for 3 piece MPS shipment with Upload of Customer Generated Commercial Invoice / ETD Doc Type (Field 2818) = Commercial Invoice / FedEx provides Document Reference ID (Field 2817) in Reply / ETD Document Filename (Field 2819) = C:\1061 UAT DOCS\ETD Wait for Confirmation (Field 2820) = Yes

0,"020"1,"FXRS 1061 UAT International TEST Shipment MPS"11,"TEST FR SHIPMENT"12,"TESTER"13,
"9876 RUE DE MADELINE"15,"PARIS"16,""17,"75247"18,"9015690969"23,"1"50,"FR"57,"12"58,"12"59,
"12"68,"USD"79,"BASEBALLS"80,"US"82,"3"117,"US"119,"50"414,"EA"440,"N"1030,"100"1090,
"USD"1273,"01"1274,"01"1358,"30.37(a)"1670,"100"1670-2,"200"1670-3,"300"2805,"Y"2817,""2818,
"1"2819,"C:\1061 UAT DOCS\"2820,"Y"2821,"C"99,""

0,"120"1,"FXRS 1061 UAT International TE"10,"610366546"29,"401202751175"29-2,
"401202751186"29-3,"401202751197"30,"X6 TNFA "33,"A2"34,"17850"35,"2945"36,"00"37,"20795"60,
"63""112,"60"116,"3"119,"50"194,""195,"CDG"198,"TNFA "409,""431,"N"498,"XXXXXX"526,"0488"526-2,
"0441"526-3,"0441"542,""650,"TRK#"650-2,"MPS#"650-3,"MPS#"651,"0488"651-2,"0441"651-3,
"0441"652,"## MASTER ## "652-2,"Mstr# 4012 0275 1175"652-3,"Mstr# 4012 0275 1175"653,"X6
TNFA "654,""655,"1 of 3"655-2,"2 of 3"655-3,"3 of 3"656,"4012 0275 1175"656-2,"4012 0275
1186"656-3,"4012 0275 1197"657,""657-2,"0488"657-3,"0488"658,"A2"659,"INTL PRIORITY"660,
"ETD"661,"75247"662," -FR"663,"CDG"665,"508C1/0989/9A24"1084,"JLNA "1086,"0"1090,"USD"1092,
"D"1123,"401202751175"1124,"0488"1125,"0"1136,"X6"1274,"01"1359,"NO EEI 30.37 (a)"1393,
"2945"1533,"20795"1596,""1598,"20795"1678,"FDX0"1992,""2399,"0"2817,"ID-105A7040-0892-4A4A-
BEC7-470E4073D255"2817-2,"ID-BA1AE82B-C2A8-4A5E-8719-637E95E5081F"2818,"1"2818-2,
"0"2819,"C:\FedEx\FedEx_ETDReports\CI_Test3.rtf"2819-2,
"C:\FedEx\FedEx_ETDLabels\401202751175.PDF"2822,"1"2822-2,"1"99,""

020 Shipping Transaction for Single Shot shipment with Upload of FedEx Generated Commercial Invoice / ETD Doc Type (Field 2818) = Commercial Invoice / FedEx provides Document Reference ID (Field 2817) in Reply / ETD Documentation Generation (Field 2821) = FedEx Generated \ ETD Wait for Confirmation (Field 2820) = Yes

0,"020"1,"1061 UAT SINGLE SHOT OPS International Shipment"11,"TEST FOR FXRS"12,"TESTING"13,
456 AVE OF THE AMERICAS"15,"PARIS"17,"75247"18,"9015551212"23,"1"25,"OPS FED CI 2805-Y,
2818-1, 2821-F,2820-Y"50,"FR"57,"12"58,"12"59,"12"68,"USD"79,"GAMES"80,"US"82,"2"117,"US"119,
"1000"414,"EA"440,"N"541,"YNNNNNNNY"1030,"500"1090,"USD"1273,"01"1274,"01"1358,
"30.37a)"1670,"1200"2805,"Y"2818,"1"2820,"Y"2821,"F"99,""

0,"120"1,"1061 UAT SINGLE SHOT OPS Inter"10,"610366546"29,"401202751212"30,"X6TNFA"33,
"A2"34,"26071"35,"4302"36,"00"37,"30373"60,"120"112,"120"116,"1"119,"1000"194,""195,"CDG"198,
"TNFA "409,""431,"N"498,"XXXXXX"526,"0488"542,""650,"TRK#"651,"0488"652,""653,"X6 TNFA "654,
""655,""656,"4012 0275 1212"657,""658,"A2"659,"INTL PRIORITY"660,"ETD"661,"75247"662," -FR"663,
"CDG"665,"508C1/0989/9A24"1084,"JLNA "1086,"0"1090,"USD"1092,"D"1125,"0"1136,"X6"1274,
"01"1359,"NO EEI 30.37(a) "1393,"4302"1533,"30373"1596,""1598,"30373"1678,"FDX0"1992,""2399,
"0"2817,"ID-5934DEB1-0BCB-468C-B0D9-00CC9115F77A"2817-2,"ID-3DC9031F-EE61-4FAC-8BB6-
262F555866FA"2818,"1"2818-2,"0"2819,"C:\FedEx\FedEx_ETDReports\CI_401202751212.RTF"2819-
2,"C:\FedEx\FedEx_ETDLabels\401202751212.PDF"2822,"1"2822-2,"1"99,""

020 Shipping Transaction for Single Shot Shipment with Customer Generated Commercial Invoice / ETD Doc Type (Field 2818) = Commercial Invoice / FedEx provides Document Reference ID (Field 2817) in Reply / ETD Documentation Generation (Field 2821) = Customer Generated \ ETD Wait for Confirmation (Field 2820) = Yes

0,"020"1,"1061 UAT SINGLE SHOT OPS International Shipment"11,"TEST FOR FXRS"12,"TESTING"13,
"456 AVE OF THE AMERICAS"15,"TORONTO"16,"ON"17,"M1M1M1"18,"9015690969"23,"1"25,"OPS FED
CI 2805-Y, 2818-1, 2821-C, 2820-Y"50,"CA"57,"12"58,"12"59,"12"68,"USD"79,"GAMES"80,"US"82,
"2"117,"US"119,"1000"414,"EA"440,"N"541,"YNNNNNNNY"1030,"500"1090,"USD"1273,"01"1274,
"01"1358,"30.36"1670,"1200"1958,"BBL"2805,"Y"2818,"1"2819,
"C:\FedEx\FedEx_ETDReports\CI_401202750856.rtf"2820,"Y"2821,"C"99,""

0,"120"1,"1061 UAT SINGLE SHOT OPS Inter"10,"610366546"29,"401202751234"30,"XVYBZA"33,
"AM"34,"16437"35,"2712"36,"00"37,"19149"60,"120"112,"120"116,"1"119,"1000"194,""195,"YYZ"198,
"YBZA "409,""431,"N"498,"XXXXXX"526,"0488"542,""650,"TRK#"651,"0488"652,""653,"XV YBZA "654,
""655,""656,"4012 0275 1234"657,""658,"AM"659,"INTL PRIORITY"660,"ETD"661,"M1M 1M1"662,"ON-
CA"663,"YYZ"665,"508C1/0989/9A24"1084,"JLNA "1086,"0"1090,"USD"1092,"A"1125,"0"1136,
"XV"1274,"01"1359,"NO EEI 30.36 "1393,"2712"1533,"19149"1596,""1598,"19149"1678,"FDX0"1981,
"4:30 PM"1992,""2399,"0"2817,"ID-5F95EDD5-B65D-43EE-BA90-2B9FC95174D9"2817-2,"ID-
6AE3B52F-1694-4FAB-9039-2330E7BC5CCA"2818,"1"2818-2,"0"2819,
"C:\FedEx\FedEx_ETDReports\CI_Test.rtf"2819-2,
"C:\FedEx\FedEx_ETDLabels\401202751234.PDF"2822,"1"2822-2,"1"99,""

020 Shipping Transaction for Single Piece Shipment with ETD Indicator tag 2805 = Y and Post Shipment Document Upload Indicator tag 7705 = Y

0,"020"1,"ETD with 020"10,"241775801"11,"SN2000 TEST"12,"USER NAME"13,"7654 TECUMSEH RD
E"15,"WINDSOR"16,"ON"17,"N8T1E9"18,"9012638975"23,"1"25,"020 INT'L PRIORITY POSTAL
TUBE"50,"CA"72,"4"74,"CA"75,"LBS"79,"INCO TERMS OF SALE 4
EXW"80,"US"113,"Y"117,"US"119,"10000"127,"1000"187,"PDF"402,"1"414,"CM"498,"413039"1030,"100
00"1090,"USD"1116,"IN"1139,"123456789"1273,"01"1274,"01"1349,"S"1670,"1000"1958,"BOX"2396,"0
"2805,"Y"2818,"1 "2819,"C:\ETD Test.RTF"2820,"Y"2821,"F "7705,"Y"99,""

0,"049"1,"Pre-Shipment Document Upload"29,"702003751126"50,"CA"542,"12323"2805,"Y"2818,"1
"2819,"C:\ETD1.RTF"2820,"Y"2821,"C"7705,"Y"99,""

7.7.3 049/149 Pre-Shipment Document Upload Request/Reply with 020/120 Global shipping Request/Reply

Customer Generated Commercial Invoice/Customer Provided Reference ID/SinglePiece transaction/U.S. to Canada Shipment

0,"049"1,"049 Single Piece"25,"049 Single Piece"50,"CA"116,"1"542,"234"2805,"Y"2817,
"CA1test049"2818,"1 "2819,"C:\FedEx\FedEx_ETDReports\CI_Test.rtf"2821,"C"99,"

0,"149"10,"610366546"50,"CA"117,"US"498,"000XXXXXX"2817,"CA1test049"2818,"1"2819,
"CA1test049"2821,"C"2822,"10"99,""0,"020"1,"1061 UAT 049 SINGLE SHOT International Shipment"11,
"TEST FOR FXRS"12,"TESTING"13,"456 AVE OF THE AMERICAS"15,"TORONTO"16,"ON"17,
"M1M1M1"18,"9015690969"23,"1"50,"CA"57,"12"58,"12"59,"12"68,"USD"79,"GAMES"80,"US"82,"2"117,
"US"119,"1000"414,"EA"440,"N"541,"YNNNNNNNY"542,"345"1030,"500"1090,"USD"1273,"01"1274,
"01"1358,"30.36"1670,"1200"1958,"BBL"2805,"Y"2817,"CA1Test049"99,""

7.7.4 124 Shipment Query Reply

Minimum 124 Shipment Query Reply Fields for an Electronic Trade Documents Single-Piece Shipment with the Document Reference ID and ETD Status Code

0,"124"1,"Global Shipment Query"11,"Recipient Company"12,"Auto Step 004"13,"387 Main Street"14, "Single piece"15,"QUEBEC"16,"ON" 17,"M1M1M1"18,"1234567890" 22,"01"23,"49"24,"20100320"25, "Single piece"29,"876543289054"34,"2360"35,"7408"36,"472"37,"9296"50,"CA"53,"0"57,"0"58,"0"59, "0"60,"15"75,"LBS"1086,"0"1087,"0"2817,"ETDDOCUMENTEFERENCE"2822,"01" 99,""

7.8 049/149 Post-Shipment Document Upload

Post Shipment Document Upload (PSDU) is a feature where the user gets the privilege of uploading ETD documents even after the shipment is confirmed. The maximum number of documents that can be uploaded in a 049 Post Shipment Document Upload transaction is 9.

Shipping transaction options

To choose post shipment document upload option for EDT shipment use the tag#7701 in your 020 shipment transaction. It will generate the tracking number which can be used to upload the documents at later time using 049 transaction.

Configuration Settings

In the FedEx Configuration windows Meter Settings tab, under ETD default Options group, a checkbox "Use Post Shipment Document Upload" is added to set the preference for the post shipment document upload. The default for this setting will not be selected.

The ETD Default Options which is available at the User Level, includes the "Use Post Shipment Document Upload" checkbox. This is available only on the Meter Settings tab when the "ETD Allowed "checkbox is selected.

Figure 9: Use Post Shipment Document Upload

7.8.1 070/170 Meter Query Configuration Update transaction

FedEx Ship Manager® Server (FSMS) supports the newly requested data element Post Shipment Document Indicator, tag# 7705, within the 070/170 Request & Reply Meter Query/Configuration Update Transaction.

Meter Query Function Tag 556 and Process Code = 2

If you send a 070 transaction with Tag 556 and Process Code set to "2", FedEx Ship Manager® Server (FSMS) returns the 170 reply:

Post Shipment Document Upload Indicator Tag 7705 set to "Y" if the Use Post Shipment Document Upload checkbox is checked on the meter settings tab.

Post Shipment Document Upload Indicator Tag 7705 set to "N" if the Use Post Shipment Document Upload checkbox is unchecked on the meter settings tab.

Configuration Function Tag 556 and Process Code = 3 in Meter Settings tab

FedEx Ship Manager® Server (FSMS) enables customers to update the "Use Post Ship Document Upload" checkbox on the Meter Settings tab using the 070 transaction. This is not dependent on the availability of the ETD.

If customer sends 556 set to "3", customer must send tag 7705 set to Y/N in order to update the "Use

Post Ship Document Upload" checkbox on the Meter Settings tab.

Note: ETD Availability - If ETD is unavailable, this function will still occur, and the change requested will be stored in the database.

Table 68: New Post Shipment Document Upload (PSDU) tag

Field ID	Field length	Data Type	Input\Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
Post Shipment Document Upload Indicator						
7705	Max=1 Min=1	A	Both	FDXE FDXG	INTL	Field level: Shipment **Optional** **Description** • This tag element facilitates the user to upload the ETD documents even after the shipment is completed within a specified time. • This tag#7705 is used to override the Use Post Shipment Document Upload checkbox setting. This tag takes precedence over the configuration when passed in a transaction. *Note: Customers may also upload documents before or at shiptime, and also indicate their intention to upload documents after the shipment has been completed.* Valid values: ○ Y = Yes, Trade Documents can be uploaded after shipment ○ N = Anything Else (any other value other than 'Y' or 'N', will return an error message)

Table 69: Post Shipment Document Upload error codes

Error Code	Error Message
0867	The Post Shipment Document Upload Indicator, Tag 7705, is invalid. Please correct this information and re-process this transaction.
0869	For a Post Shipment Document Upload Tag 7705 is needed. For a Pre Shipment Document Upload please remove the Tracking Number Tag 29.

Error Code	Error Message
5174	The Tracking Number in Tag 29 will not be used. This upload shall be considered as a Pre Shipment Document Upload.
0870	There is no Post Shipment Document Upload shipment found with the specified tracking number.
0871	For a Post Shipment Document Upload a tracking number is required. Please send in the Tracking Number in Tag 29.
5147	Warning: A Commercial Invoice is required for the shipment. Please ensure the required trade document is provided before the cutoff time to aid in avoiding clearance delays. *Note: This provides the request to process all PSDU "prior to customer pick up time"*
5148	A Proforma Invoice is required for the shipment. Please ensure the required trade document is provided before the cutoff time to aid in avoiding clearance delays. *Note: This provides the request to process all PSDU "prior to customer pick up time"*
5149	A Commercial Invoice or Proforma Invoice is required for the shipment. Please ensure the required trade document is provided before the cutoff time to aid in avoiding clearance delays. *Note: This provides the request to process all PSDU "prior to customer pick up time"*
5150	A Certificate of Origin is required for the shipment. Please ensure the required trade document is provided before the cutoff time to aid in avoiding clearance delays. *Note: This provides the request to process all PSDU "prior to customer pick up time"*
5151	A USMCA/T-MEC/CUSMA Certification of Origin is required for the shipment. Please ensure the required trade document is provided before the cutoff time to aid in avoiding clearance delays. *Note: This provides the request to process all PSDU "prior to customer pick up time"*
5195	A Commercial Invoice is prohibited for the shipment. The prohibited document was not uploaded and was not generated.
5196	A Proforma Invoice is prohibited for the shipment. The prohibited document was not uploaded and was not generated.
5197	A Certification of Origin is prohibited for the shipment. The prohibited document was not uploaded and was not generated.
5198	A USMCA/T-MEC/CUSMA Certification of Origin is prohibited for the shipment. The prohibited document was not uploaded and was not generated.

Error Code	Error Message
0872	The Post Shipment Document Upload functionality is not available, use Pre Shipment or at Ship Time Document Upload for your Trade Documents. Please print shipping documents and attach to the shipment.
0873	The cutoff time has been reached for this post shipment document upload. Your document upload has not been processed. Please print your documents and attach to your shipment. *Note: This error is received when you attempt to upload after the cut off time*
5184	The Post Shipment Document Upload functionality is not available, use Pre Shipment or at Ship Time Document Upload for your Trade Documents. Please print shipping documents and attach to the shipment.

7.9 Express weight rounding rules

Fractional customer/DIM weight (including 1/100th of a lb or Kg) of all express packages and freight shipments will be rounded up to the next whole pound or 0.5 kilogram. The pound will be rounded up in 1 pound increments and the kilo will be rounded up in 0.5 kilo increments.

When using Field 1670 (Fractional Package Weight), FSMS accepts two decimals places and rounds to the next pound. For example, Field 1670 = 1002 LBS, and the 120 Global Ship Reply transaction returns Field 60 (Billed Weight) = 11 LBS and prints 11 LBS on the label. This behavior is the same for intra-country Express and intra-country Ground shipments.

> *Note: These rules already apply for Ground shipments and for intra-country Express shipments, so to make the customer experience consistent. Express services will consistently apply this rule for all international services.*

7.10 Electronic Trade Documents (ETD) Upload performance and reliability

To improve the performance and upload success rate, the file size has been increased from 1 MB to 5 MB. The size limit for the combination of all files uploaded in a single 049 or 020 transaction is 5MB total.

The maximum number of documents that can be uploaded in a single 049 transaction is 20. You can use multiple 049 transactions and upload 20 documents as long as you do not exceed the overall size limitations. The limit is 100 documents per shipment.

For Example: If you have a 1MB Commercial invoice, a 1MB signature image, and a 1MB letterhead image, it counts in total as uploading 3 MB.

The maximum length of the path to the upload file is now changed from 30 characters to 255 characters.

7.10.1 ETD 020 Global shipment transaction elements

These elements are applicable for International Ground and Express shipments.

Table 70: Electronic Trade Documents 020 Global shipment transaction elements

Field ID	Field length	Data Type	Input\Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
Minimum Required Number of Air Waybill Copies						
7700	Max=2 Min=1	N	O	FDXE FDXG	All (except U.S. domestic)	Field level: Shipment **Optional**ity: NA **Description** This tag data element denotes the required number of Air Waybill (AWB) copies where applicable. Valid values: 0 thru 99
Minimum Required Number of COD/DIA Return Air Waybill						
7701	Max=2 Min=1	N	O	FDXE FDXG	All (except U.S. domestic)	Field level: Shipment **Optional**ity: NA **Description** This tag data element denotes the required Number of COD/DIA Return Air Waybill (AWB) Copies where applicable. Valid values: 0 thru 99
Minimum Required Number of Trade Document Copies						
7702	Max=2 Min=1	N	O	FDXE FDXG	All (except U.S. domestic)	Field level: Shipment **Optional**ity **Description** This tag data element denotes the required Number of Trade Document Copies needed for said Trade Documents. Valid values: 0 thru 99
Required Trade Document Types						
7703	Max=1 Min=1	N	O	FDXE FDXG	All (except U.S. domestic)	Field level: Shipment **Optional**ity **Description** This tag data element specifies the required Trade Document Types for a given shipment. Valid values:

Field ID	Field length	Data Type	Input\Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
						o 0 = Reserved (This value will never be returned as it is for the trade document and there is separate tag for the minimum number of AWB's)
						o 1 = Commercial Invoice
						o 2 = Certification of Origin
						o 3 = Pro Forma Invoice
						o 4 = USMCA/T-MEC/CUSMA Certification of Origin
						o 5 = Reserved
						Notes:
						This applies to all international and non-U.S. domestic shipments (where applicable), regardless of whether or not ETD is indicated.
						This tag data element is populated from the Document Determination Grid being introduced in this feature
Electronic Documents with Originals (EWO) Flag						
7704	Max=1 Min=1	A	O	FDXE FDXG	All (except U.S. domestic)	Field level: Shipment **Optional**ity: Conditional This tag data element designates when a shipment is considered an Electronic Trade Document with Originals shipment (EWO) instead of an Electronic Trade Document (ETD) shipment. Valid values: o Y = Yes o N = Anything Else (any other value other than 'Y' or 'N', will return an error message)
Post Shipment Document Upload Indicator						
7705	Max=1 Min=1	A	Both	FDXE FDXG	INTL	Field level: Shipment **Optional** **Description**

Field ID	Field length	Data Type	Input\ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
						- This tag element facilitates the user to upload the ETD documents even after the shipment is completed within a specified time. - This tag#7705 is used to override the Use Post Shipment Document Upload checkbox setting. This tag takes precedence over the configuration when passed in a transaction. *Note: Customers may also upload documents before or at shiptime, and also indicate their intention to upload documents after the shipment has been completed.* - Valid values: - Y = Yes, Trade Documents can be uploaded after shipment - N = Anything Else (any other value other than 'Y' or 'N', will return an error message)

7.11 Electronic With Originals (EWO)

All International shipments can be processed as Electronic Trade Document (ETD) shipments and the software will return a tag indicating if original copies of trade documents are required to be printed (and attached to the shipment.

Tag #7704 describes when a shipment is considered an EWO shipment instead of an ETD shipment.

If Tag#7704 is set to 'Y', the shipment is an EWO shipment and customer has to provide hard copies of the Customs clearance documents attached to the shipment.

8 FedEx International Ground services

FedEx International Ground® service refers to these three FedEx Ground® services:

- FedEx International Ground

- FedEx International Ground Distribution

- FedEx International Ground DirectDistribution®, also known as FedEx® International DirectDistribution Surface Solutions U.S.to Canada Ground Direct.

8.1 About FedEx International Ground transactions

You can ship FedEx International Ground® from the U.S. to Canada (CA) and from CA to the U.S. You can also use FedEx Ground transactions with Field 1274 (Service Type) set to 92 for intra-Canada (intra-CA) shipping. FedEx International Ground service features and details are described in the FedEx Ship Manager® Server Services and Shipping Guide which can help you decide which service best fits your shipping need.

To identify FedEx International Ground services, use the 020/120 Global Ship Request/Reply transaction with Field 1274 (Service Type) set to 121 for FedEx International Ground Distribution.

Supported Shipping Methods

International Ground shipping supports single and multiple-package shipments (MPS): Single Piece, Single Shot MPS and Open Ship MPS.

Refer the FedEx Ship Manager® Server Services and Shipping Guide for information about FedEx International Ground service features and details.

8.2 About FedEx International Ground and consolidation

International Ground Distribution (IGD) and International Ground Consolidation (IGC) are U.S. to Canada FedEx shipping services for consolidated shipments only. These services provide ground service to every business address and residential address in all 10 Canadian provinces plus Yukon, Northwest Territories and Nunavut.

Qualified U.S. shippers can consolidate FedEx Ground shipments to Canadian destinations using FedEx International Ground® Distribution (IGD) or FedEx International Ground Consolidation (IGC). Both services offer the advantage of clearing Canadian Customs as a single shipment, eliminating redundant paperwork and saving you money on your consolidated U.S. shipments to Canada.

International Ground Distribution is a drop-ship service for U.S.to Canada shipments for shippers with a U.S.-based FedEx account but without a facility within Canada. The U.S. shipper arranges delivery of the consolidated shipment to the FedEx Ground hub in Canada. FedEx Ground then delivers within Canada by breaking down the consolidated shipment and delivering the individual shipments to their final destination.

International Ground DirectDistribution offers the U.S. shipper end-to-end shipping of consolidated shipments from the U.S. to Canada with FedEx Ground. You arrange for FedEx Ground to pick up the consolidated shipment in the U.S. and FedEx manages the shipping, including Customs clearance at the border, to recipients in Canada. This service is also known as FedEx® International DirectDistribution (IDD) Surface Solutions U.S. to Canada Ground Direct.

Table 158 provides a comparative overview of these two services. Both shipments move and clear Canadian customs as a single shipment.

Table 71: Comparative overview of International Ground Distribution and DirectDistribution

Service	Pickup & Delivery	FedEx Visibility	Consolidated Clearance	Broker
International Ground Distribution (IGD)				
IGD	You arrange line haul to FedEx Canadian facility. FedEx Ground delivers intra-Canada.	Begins with scan at FedEx Ground Canadian facility.	Yes	Broker Select
International Ground Consolidation (IGC)				
IGC	FedEx Ground is courier.	End to end	Yes	FedEx Logistics preferred

International Ground Distribution and International Ground DirectDistribution are contract services with FedEx. Check with your FedEx account executive to complete a contract agreement and arrange for a FedEx customer support representative to set up your meter(s).

Note: You will not be able to set up the child meter(s) for these services. International Ground Distribution service can be set up for a Canada-origin child meter as long as the parent meter is a U.S.-origin meter and assigned to a U.S. FedEx Express® 9-digit account number.

8.2.1 IGD/IGC configuration

Once a contract for IGD and/or IGC is completed with your FedEx account executive, a FedEx customer support representative is required to set up your meter or meters on FSMS. You will not be able to set up the child meter or meters for these services. However, once your child meter is set up by FedEx and the new configuration is downloaded to your FSMS server, you should be able to use the FSMS Configuration Utility to view the new configuration.

To view the meter configurations, access the FSMS Configuration Utility. Set your access privileges to User Level - View by clicking **Access Privileges** and typing **View** (with a capital V) into the **Access Privileges** dialog box.

8.2.2 IGD configuration

If you have an IGD meter configured, use the **Meter Number** drop-down list to select the child meter number assigned to your FSMS server. When the IGD meter number is selected, the **Shipper Settings** tab displays the address and other information about your Canadian drop-ship origin facility.

Refer the FedEx Ship Manager® Server Transaction Coding Reference Guide (FSMS TCR Guide) for information about configuring for IGD using the 070/170 Meter Query or Configuration Request/Reply transaction.

8.2.3 IGD transaction coding

Table 159 lists the fields required to ship an International Ground Distribution (IGD) shipment using the 020 Global Ship Request transaction:

Table 72: IGD transaction fields for 020 Global Ship Request

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description |
				Service	Valid for	Transaction: 020 Global Ship Request - Single Shot, Multiple-Piece Shipment (MPS), Open Ship
Service Type						
1274	Min=2 Max=3	N	I/O	IGD	U.S. to CA	Field level: Shipment **Required** **Description** • Service type provided by the shipper. • Valid service type is: o 121 — International Ground Distribution (IGD) *Note: Field length of 3 for International Ground Distribution.*
Non-Resident Importer						

1986	Max=1	A	I	IGD	U.S. to CA	Field level: Shipment
						Required*
						Description
						
						• Use this field to indicate that you are a non-resident importer for a shipper.
						• Valid values are:
						   o Y—Non Resident Importer
						   o N—No (default)
						• *Required for International Ground Distribution service.

Table 73: IGD transaction fields returned in 120 Global Ship Reply

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transaction: 120 Global Ship Reply |
				Service	Valid for	
Service Type						
1274	Min=2 Max=3	N	I/O	IGD	U.S. to CA	Field level: Shipment **Required** **Description** • Service type provided by the shipper. • Valid service type is 121 — International Ground Distribution (IGD) *Note: Field length of 3 for International Ground Distribution.*
Consolidated Index/Importer of Record–Clearance Facility ID						
1355	Max=15	A/N	O	IGD	U.S. to CA	**Description** • Default value. • For International Ground Distribution, default value is the system assigned consolidated index/Importer of Record–Clearance Facility ID`. • The Consolidated Index/Importer of Record–Clearance Facility ID begins with FDXIGD for International Ground Distribution (IGD) systems with the remaining 9 characters as numeric values with 000000001 (FDXIGD000000001) and FDXIGDD for International Ground DirectDistribution (IGDD) systems with the remaining 8 characters as numeric values with 00000001 (FDXIGDD00000001). • These two values are always used as the default value for IGD and IGC. • Only one default is allowed to be opened at a time.
Non-Resident Importer						
1986	Max=1	A	I/O	IGD	U.S. to	Field level: Shipment

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description Transaction: 120 Global Ship Reply
				Service	Valid for	
					CA	**Description** • Returns Y to indicate that you are a non-resident importer for a shipper. • Only valid value is Y — Non Resident Importer

8.3 FedEx International Ground Distribution transaction rules

Before you begin using International Ground Distribution (IGD) service, familiarize yourself with these transaction rules:

- Do not use your International Ground Distribution meters to ship with any other service. Meters set up for your International Ground Distribution service are dedicated child meters and should not be used for other services.

- Do not use the Single Piece shipping method for International Ground Distribution shipments. IGD shipments must be multiple-piece consolidated shipments.

- You may include a Future Day ship date (Field 24 Ship Date) in an IGD transaction. Future Day shipping is supported.

- You can prepare multiple International Ground Distribution shipments at the same time and leave them open simultaneously.

- If you use the Open Ship method to prepare shipments, you can CREATE an International Ground Distribution shipment one day and CONFIRM it another day. You do not need to CONFIRM and close the shipment on the same day you CREATE it.

- Select from the following special service options for International Ground Distribution. The service options are the same as the FedEx Ground® Intra-Canada special service options:

    o FedEx Ground C.O.D. (Canada)—(27,"Y"1274,"121")

    o Return Solutions (Canada)

    o FedEx® Delivery Signature Options—Field 2399 (Signature Required Type)

- When providing ship date (Field 24 Ship Date) or estimating time-in-transit, consider delivery times. International Ground Distribution times are 1 to 5 business days from the day of tender in Canada, Monday through Friday.

- Do not add packages that are over 150 Lbs, or 108" in length and 130" in combined length plus girth (L+2W+2H).

- If your recipient address is the Yukon, Northwest Territories, Nunavut or Labrador, do not enter a total package weight for the shipment above 70 Lbs.

- Do not type post office box numbers in the address fields. FedEx Ground cannot deliver to P.O. boxes.

- Do not include hazardous material fields in your shipping transaction. No hazardous materials are allowed.

- Make sure to follow the commodity restrictions in the FedEx Ground Tariff document.

Meter Configuration

Your International Ground Distribution parent meter must originate in the U.S. FedEx can set up a Canada-origin child meter as long as the parent meter is a U.S.-origin meter and assigned to a U.S. FedEx Express 9-digit account number. Only your FedEx customer support representative can configure an International Ground Distribution meter for a Canadian origin.

8.4 FedEx International Ground Consolidation transaction rules

Before you begin coding transactions for the FedEx International Ground Consolidation (IGC) service, read these transaction rules:

- Do not use your International Ground DirectDistribution meters to ship with any other service. Meters set up for your International Ground Distribution service are dedicated child meters and cannot be used for other services.

- The meter number you enter in Field 497 (Meter Number) must originate in the U.S.

- Do not use the Single Piece shipping method for International Ground Distribution shipments. IGC shipments must be multiple-piece consolidated shipments.

- You may include a Future Day ship date (Field 24 Ship Date) in an IGC transaction. Future Day shipping is supported.

- You can prepare multiple International Ground Distribution shipments at the same time and leave them open simultaneously. You have 7 days to CONFIRM an Open Ship shipment after a Close (End-of-Day) transaction. After the 7th day, FSMS deletes the entire shipment if you do not CONFIRM the shipment.

- If you use the Open Ship method to prepare shipments, then you can CREATE an International Ground Distribution shipment one day and CONFIRM it another day. You do not need to CONFIRM and close the shipment on the same day you CREATE it.

- Select from the following special service options for International Ground DirectDistribution. The service options are the same as the FedEx International Ground U.S. to Canada special service options.

8.5 FedEx International Ground Consolidation (IGC)

International Ground DirectDistribution (IGDD) shipments will ship as an International Ground shipment using the existing International Ground service type code. IGDD is now replaced by International Ground Consolidation (IGC).

In the Meter tab, under FedEx Configuration, the existing **IGDDEnabled** checkbox located on the meter will be renamed as **IGCEnabled**.

Note: The tag value of 121 is still applicable for a FedEx International Ground Distribution (IGD) shipment.

FedEx Ground systems defines and creates the virtual consolidations. The new logic that supports consolidation of International Ground shipments for consolidation enabled accounts is maintained by Ground operations and not within FSMS.

FedEx Ship Manager® Server will support the following new value for existing tag#1990 (Special Service Accessorial Name) - Exclude from Consolidation.

Table 74: International Ground Consolidation data elements

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
Exclude from Consolidation						
7750	Max=1 Min=1	A	Input	FDXG	U.S., CA, INTL	Field level: Shipment Optional **Description** This field is used to indicate if a shipment should be excluded from International Ground Consolidation and would therefore move as a standalone International Ground shipment. As per default behavior, every International Ground shipment will be eligible for consolidation if the shipper account is IGC enabled and the Exclude from Consolidation fields has NOT been set to Yes. Valid Values: o Y - The shipment will not be considered for consolidation o N - The shipment will be considered for consolidation
Buyer/Sold-To Country Code						

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description
				Carrier Code (Services)	**Valid for**	
7751	Max=2 Min=2	A/N	Input	FDXG	U.S., CA, INTL	Field level: Shipment Required if the buyer party information is being provided. **Description:** This field is used to indicate the country code for the buyer/sold-to party of the goods for an International Ground shipment. If Buyer party information is being provided, this field is required and may be in any country, It will print the buyer/sold-to party block on the Ground Commercial Invoice.
Buyer/Sold-To Contact Name						
7752	Max=35 Min=1	A/N	Input	FDXG	U.S., CA, INTL	Field level: Shipment Required if the buyer party information is being provided. **Description:** This field is used to indicate the contact name of the buyer/sold-to party of the goods for an International Ground shipment. If Buyer party information is being provided, this field is required. If the company name is not provided, It will print the buyer/sold-to party block on the Ground Commercial Invoice.
Buyer/Sold-To Company Name						
7753	Max=35 Min=1	A/N	Input	FDXG	U.S., CA, INTL	Field level: Shipment Required if the buyer party information is being provided. **Description:** This field is used to indicate the company name of the buyer/sold-to party of the goods for an International Ground shipment. If Buyer party information is being provided, this field is required. If the contact name is

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
						not provided, It will print the buyer/sold-to party block on the Ground Commercial Invoice.
Buyer/Sold-To Address 1						
7754	Max=100 Min=1	A/N	Input	FDXG	U.S., CA, INTL	Field level: Shipment Required if the buyer party information is being provided. **Description:** This field is used to indicate the first line of the address for the buyer/sold-to party of the goods for an International Ground shipment. If Buyer party information is being provided, this field is required. It will print the buyer/sold-to party block on the Ground Commercial Invoice.
Buyer/Sold-To Address 2						
7755	Max=100 Min=1	A/N	Input	FDXG	U.S., CA, INTL	Field level: Shipment Required if the buyer party information is being provided. **Description:** This field is used to indicate the second line of the address for the buyer/sold-to party of the goods for an International Ground shipment. It will print the buyer/sold-to party block on the Ground Commercial Invoice.
Buyer/Sold-To City						
7756	Max=35 Min=1	A	Input	FDXG	U.S., CA, INTL	Field level: Shipment Required if the buyer party information is being provided. **Description:** This field is used to indicate the city of the buyer/sold-to party of the goods

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description
				Carrier Code (Services)	**Valid for**	
						for an International Ground shipment. If Buyer party information is provided, this field is required. It will print the buyer/sold-to party block on the Ground Commercial Invoice.
Buyer/Sold-To State/Province						
7757	Max=14 Min=2	A	Input	FDXG	U.S., CA, INTL	Field level: Shipment Required if the buyer party information is being provided. **Description:** This field is used to indicate the state/province code of the buyer/sold-to party of the goods for an International Ground shipment. If Buyer party information is being provided, this field is required. It will print the buyer/sold-to party block on the Ground Commercial Invoice.
Buyer/Sold-To Zip/Postal Code						
7758	Max=14 Min=NA	A/N	Input	FDXG	U.S., CA, INTL	Field level: Shipment Required if the buyer party information is being provided. **Description:** This field is used to indicate the zip/postal code of the buyer/sold-to party of the goods for an International Ground shipment. If Buyer party information is being provided, this field is required. It will print the buyer/sold-to party block on the Ground Commercial Invoice.
Buyer/Sold-To Phone Number						
7759	Max=15 Min=NA	N	Input	FDXG	U.S., CA, INTL	Field level: Shipment Required if the buyer party information is being provided. **Description:**

Field ID	Field length	Data type	Input\ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
						This field is used to indicate the telephone number of the buyer/sold-to party of the goods for an International Ground shipment. If Buyer party information is provided, this field is required. It will print the buyer/sold-to party block on the Ground Commercial Invoice.
Buyer/Sold-To Fax Number						
7760	Max=15 Min=NA	N	Input	FDXG	U.S., CA, INTL	Field level: Shipment Optional **Description:** This field is used to indicate the fax number of the buyer/sold-to party of the goods for an International Ground shipment.
Buyer/Sold-To Tax ID						
7761	Max=18 Min=NA	A/N	Input	FDXG	U.S., CA, INTL	Field level: Shipment Optional **Description:** This field is used to indicate the tax identification number of the buyer/sold-to party of the goods for an International Ground shipment. It will print the buyer/sold-to party block on the Ground Commercial Invoice.
Buyer/Sold-To Email Address						
7762	Max=120 Min=1	A/N	Input	FDXG	U.S., CA, INTL	Field level: Shipment Optional **Description:** This field is used to indicate the email address of the buyer/sold-to party of the goods for an International Ground shipment.

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
Buyer/Sold-To Account Number						
7763	Max=9 Min=9	N	Input	FDXG	U.S., CA, INTL	Field level: Shipment Optional **Description:** This field is used to indicate the Account Number of the buyer/sold-to party of the goods for an International Ground shipment.

8.6 FedEx International Ground importer options

The following sections provide information on various options available for FedEx International Ground Importer Options.

8.6.1 Brokerage options for U.S. and Canada shipments

FedEx International Ground service gives U.S. and Canada shippers the ability to send single- and multiple-piece shipments across the border using a single point of contact that reduces costly delays and eases customs clearance. This service provides Brokerage Inclusion through FedEx Ground using FedEx Logistics (FL) as the broker. A Clearance Entry fee is charged for this service.

8.6.2 Non-Resident importer

FedEx Ship Manager® Server supports the FedEx Non-Resident Importer (NRI) program for U.S. companies that ship to Canada and like the option of quoting an accurate delivered price to their Canadian customers.

The program creates an intra-country purchasing environment that helps a company remain in compliance with the Canada Border Services Agency's regulations.

If you or your company are a non-resident importer (NRI), you must work directly with a Customs broker and act as the Importer of Record (IOR), allowing you to include duty, tax and brokerage fees in your selling price and simplifying the Canadian customs process and paperwork.

If you are enrolled in the FedEx Non-Resident Importer (NRI) program, you must include Field 1986 (Non-Resident Importer) set to **Y** in your U.S. to Canada 020 Global Ship Request transaction: for example, 1986,"Y".

8.6.3 NRI-BI broker options

Two types of brokerage options are available for ground-enabled Non-Resident Importer Brokerage while shipping or rating a FedEx International Ground shipment, Inclusive of shippers.

- NRI-BI/BI—(default) Brokerage Inclusion option only. Shipper uses the FedEx Logistics to provide brokerage using their contract for FedEx Ground service.

- NRI-BI/BSO—shipper may specify his own broker. Shipper must provide Broker Information (Broker company name and phone number) for all FedEx International Broker Select shipments.

Note: If a FedEx customer has not indicated a brokerage option, the NRI-BI/BI option is assigned as the default. Table 162 lists the broker options for Customs clearance for FedEx International Ground.

Table 75: FedEx International Ground broker options

Broker Option for Customs Clearance		Description	Available	
Importer Account Type			U.S.	CA
BI	Brokerage Inclusive	Broker Inclusion is a Customs clearance system utilized for FedEx Ground. It includes U.S. to CA and CA to U.S. shipments. The FedEx Logistics is the only Customs broker authorized to clear FedEx Ground Brokerage Inclusive shipments.	Y	Y
BSO	Broker Select Option	Broker Select Option is a Customs clearance system that is administered by an external Customs broker either in CA or the U.S. and which can be used for clearance of FedEx Ground shipments as well as shipments by other carriers.	Y	Y
NRI-BI/BI	Brokerage Inclusive Non-Resident Importer	FedEx Ground shipper in the U.S. who is signed up as a Brokerage Inclusive Non-Resident Importer with FedEx Logistics. Their FedEx account identifies this status. An NRI-BI/BI shipper is responsible for the payment of all duties, taxes, clearance entry and ancillary fees on all of their FedEx Ground Brokerage Inclusive shipments to CA.	Y	N
NRI-BI/BSO	Brokerage Inclusive Non-Resident Importer	FedEx Ground shipper in the U.S. who is signed up as a Brokerage Inclusive Non-Resident Importer with FedEx Logistics. This is identified on their FedEx account.	Y	N

8.6.4 Rules for Electronic commercial invoice

If the FSMS generates the Commercial Invoice for a Brokerage Inclusive shipment (not NRI-BI), the Importer of Record defaults to the payer of Duties and Taxes. Duties and Taxes is the fee that is assessed by the Customs agency based on specific commodity criteria. Your FedEx account representative must change the IOR default.

This feature has the following rules:

- The Importer of Record on the Electronic Commercial Invoice (ECI) must equal the 'bill to party' for Duty and Taxes for Brokerage Inclusive shipments (not NRI-BI).

- If they are different, FSMS returns the following error: "The bill to party for Duties and Taxes must be equal to IOR for BI shipments." To resolve the error, the shipper must re-enter the shipment.

- If the Duty and Taxes 'bill to party' is a third-party, FSMS populates the IOR field on the ECI with the words "bill third party <account number>".

- If the BI shipper (not NRI-BI) and the Duty and Taxes 'bill to party' are the same, FSMS populates the IOR field on the ECI with "same as shipper".

- If the Duties and Taxes 'bill to party' is the recipient of the shipment and the BI shipper is not NRI-BI, FSMS populates the IOR field on the ECI with 'same as consignee'.

8.6.5 Billing Options with Broker Information Selected

For FedEx Ground shipments, when Field 1174 (BSO Flag) is set to N and the FedEx shipper account is configured as Brokerage Information Non-Resident Importer - Broker Inclusive (NRI-BI), the valid methods of payment in Field 23 (Pay Type) and in Field 70 (Duty/Tax Payment Type) are:

- 1—Bill shipper (default)

- 2—Bill recipient

- 3—Bill third party

For all third-party payments, the FedEx shipper must provide a valid nine-digit account number.

Transaction Rules

If NRI-BI = N, all of the following apply if the BSO flag = N and the account is not set up as NRI-BI (BI):

- Bill Duties & Taxes Payment (Field 70) is restricted to the following options:

  - 1—Bill Shipper (valid account number of shipper must be provided)
  - 2—Bill Recipient (valid account number of recipient must be provided)
  - 3—Bill Third Party (valid nine-digit account number must be provided)

- If the Duties and Taxes Payment field is not passed, FSMS defaults the field to 2 (Bill Recipient) and sends the soft Error Message 5035, "A payment type is required for Duties and Taxes."

- Bill transportation Pay Type (Field 23) is restricted to the following:

  - 1—Bill Shipper (valid account number must be provided)
  - 2—Bill Recipient (valid account number must be provided)
  - 3—Third Party (valid nine-digit account number must be provided in shipment requests)

- If the Pay Type field is not passed in the transaction, FSMS defaults the Pay Type option to 1 (Bill Shipper) and does not return an error.

8.6.6 Dynamic surcharge for Clearance Entry Fee (CEF)

FedEx International Ground service provides Brokerage Inclusion through FedEx Ground using the FedEx Logistics (FL) as the broker. A Clearance Entry fee is charged for this service.

The dynamic surcharge feature is used to receive courtesy list rates for clearance entry fees for International Ground shipments. The two Dynamic Surcharge fields, Field 1947Dynamic Surcharge and/or Fees Code and Field 1945 List Dynamic Surcharge Code, include a code for the clearance entry fee:

660—Clearance Entry Fee (CEF)

When you enable dynamic surcharging for clearance entry fees, FedEx supports new surcharges within FSMS without requiring that you upgrade to newer versions of FSMS. This ability is not supported with individual field surcharging. New surcharges show up as another occurrence of the dynamic surcharge multiple occurrence field with the clearance entry fee code.

The dynamic Clearance Entry Fee surcharge returns in a 120 Global Ship Reply transaction.

- Field 1947 (Dynamic Surcharge and/or Fees Code) returns Dynamic surcharge and/or fees values.

- Field 1948 (Surcharge Value) returns a surcharge value.

- Field 1945 (List Dynamic Surcharge Code) returns dynamic surcharge and/or fees value.

- Field 1946 (List Dynamic Surcharge and/or Fees Value) returns the surcharge list rate.

- Field 7600 (Total Ancillary Fees and Taxes) returns discounted total that are not based on transportation charges or commodity level estimated duties and taxes.

- Field 7601 (List Total Ancillary Fees and Taxes) returns the amount list that are not based on transportation charges or commodity level estimated duties and taxes.

- Filed 7602 (Alternate Total Ancillary Fees and Taxes) returns alternate total fee that are not based on transportation charges or commodity level estimated duties and taxes.

- Field 7603 (Total Net Charge with Ancillary Fees and Taxes) returns total discounted fees for sum of total net charge and total ancillary fees and taxes.

- Field 7604 (List Total Net Charge with Ancillary Fees and Taxes) returns total for sum of total net charge and total ancillary fees and taxes.

- Field 7605 (Alternate Total Net Charge with Ancillary Fees and Taxes) returns alternate total fee for sum of total net charge and total ancillary fees and taxes.

- Field 7606 (Demand Surcharge) returns the Discounted Demand Surcharge amount for FedEx Express including Express Freight, FedEx Ground® Economy, and FedEx Ground.

- Field 7607 (Standard List Demand Surcharge) returns the Standard List Demand Surcharge amount for FedEx Express including Express Freight, and FedEx Ground.

- Field 7608 (Alternate Demand Surcharge) returns the Alternate Demand Surcharge amount for FedEx Express including Express Freight, FedEx Ground® Economy and FedEx Ground.

- Field 7609 (Demand – Residential Surcharge) returns the Discounted Demand - Residential Surcharge amount for FedEx Express and FedEx Ground.

- Filed 7610 (Standard List Demand – Residential Surcharge) returns the Standard List Demand - Residential Surcharge amount for FedEx Express and FedEx Ground.

- Field 7611 (Alternate Demand - Residential Surcharge) returns the Alternate Demand - Residential Surcharge amount for FedEx Express and FedEx Ground.

- Field 7612 (Demand – Additional Handling Surcharge) returns the Discounted Demand - Additional Handling Surcharge amount is applicable to dimension, weight, and non-standard packaging for FedEx Express and FedEx Ground.

- Field 7613 (Standard List Demand – Additional Handling Surcharge) returns the Standard List Demand - Additional Handling Surcharge amount which is applicable to dimension, weight, and non-standard packaging for FedEx Express and FedEx Ground.

- Field 7614 (Alternate Demand – Additional Handling Surcharge) returns the Alternate Demand - Additional Handling Surcharge amount for FedEx Express and FedEx Ground.

- Field 7615 (Alternate Additional Handling Surcharge Type) specifies and returns the type of additional handling surcharge (AHS) applicable for the shipment. Specifically, for FedEx Express and FedEx Ground.

- Field 7616 (Demand – Oversize Charge) returns the Discounted Demand - Oversize Charge amount for FedEx Express and FedEx Ground.

- Field 7617 (Standard List Demand – Oversize Charge) returns the Standard List Demand - Oversize Charge amount for FedEx Express and FedEx Ground.

- Field 7618 (Alternate Demand – Oversize charge) returns the Alternate Demand - Oversize Charge amount for FedEx Express and FedEx Ground.

- Field 7785 (Return Dynamic Surcharge Description Flag) returns the state (Enabled or Disabled) of Dynamic Surcharge description.

- Field 7786 (Dynamic Surcharge Description) returns the Dynamic surcharge description for a shipment.

- Field 7787 (Standard LIST Dynamic Surcharge Description) displays Standard List of Dynamic Surcharge description.

- Field 7788 (ALTERNATE Dynamic Surcharge Description) displays the list of Dynamic Surcharge descriptions with respect to tag 2848- Alternate Dynamic Surcharge and/or Fees Code.

When invoking dynamic surcharging, the surcharge amounts will not be returned in separate surcharge tags. Rather the individual surcharge amounts are included in the separate occurrences of tag # 1946, 1948 and 2849

8.7 Coding transactions for FedEx Ground International

The following sections provide information on different coding transactions for FedEx Ground International services.

8.7.1 Transaction fields for International Ground

The basic FedEx Ground international transaction uses the same fields required for FedEx Express intra-country shipping. Table 163 describes fields required for Ground international shipping.

Table 76: Basic fields for International Ground shipments

| Field ID | Field length | Data type | Input\ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Single Shot, Multiple-Piece Shipment, Open Ship
Payor Account Number						
20	Max=20	N	I	All	All	**Field level:** Shipment
						Required
						*Required if Field 23 (Payment Code) is Bill 3rd

Field ID	Field length	Data type	Input\ Output	FedEx shipping		Description Transaction: 020 Global Ship Request - Single Shot, Multiple-Piece Shipment, Open Ship
				Carrier Code (Services)	Valid for	
						Party. **Description** - Payor Account Number field specifies the nine-digit FedEx account number of company or person to be billed for the shipment. - If any pay type other than 1 (bill shipper) is entered, rates are not returned in the125 Rate Available Services Reply transaction. - For shipping, use Single Shot, Single Piece, Openship, or MPS.
Pay Type						
23	Max=1	N	I	FDXG	INTL	Field level: Shipment **Required** **Description** - Pay Type field indicates the code for payment type. Codes are different for FedEx Express and FedEx Ground shipments. - FedEx Ground® payment types are: 1 — Prepaid 2 — Collect (not for C.O.D.) 3 — Bill Third Party 5 — Bill Recipient 6 — Bill Associated Account - FedEx Express® payment types are: 1 — Bill Sender 2 — Bill Recipient or Consignee 3 — Bill Third Party *Note: If any pay type (Field 23) other than 1 (Bill Sender and Prepaid) is entered, rates are not returned in the 125 Rate Available Services transaction.* - FedEx Ground® Economy payment types are:

| Field ID | Field length | Data type | Input\ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Single Shot, Multiple-Piece Shipment, Open Ship
						- o 1 — Bill Sender (default) - o 3 — Bill Third Party • Ground® Economy Returns payment types are: - o 6 — Bill Associated Account - o 3 — Bill Third Party *Note: If a customer is processing an 020 Global Ship Request for a Ground® Economy Returns shipment with Field 1274 set to value 7, and the shipper account number is the same as the return account number, then Field 23 will be set to 1 (Bill Sender). Field 23 has been modified to add value 6 for Ground® Economy Returns shipments. If a customer is processing an 020 Global Ship Request for a Ground® Economy Returns shipment with Field 1274 set to value 7, and the shipper account is not the same as the return account number, then Field 23 will be set to 6 (Bill Associated Account).* • For shipping, use Single Shot, Single Piece, Openship, or MPS.
Packaging Type						
1273	Max=2	N	I	FDXG	All	Field level: Shipment **Required** **Description** • Packaging Type field specifies the type of packaging that the user can opt for. • For FedEx Express (U.S. and international) only: - o 01—Customer Packaging - o 02—FedEx Packaging, Express only - o 03—FedEx Box - o 04—FedEx Tube - o 06—FedEx Envelope • For FedEx International only (including U.S. Export) - o 15—FedEx 10 KG Box

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Single Shot, Multiple-Piece Shipment, Open Ship
						o 25—FedEx 25 KG Box • For FedEx Ground and FedEx Ground® Economy: o 01—Customer packaging • For shipping, use Single Shot, Single Piece, Openship, or MPS.
Service Type						

1274	Min=2 Max=3	N	I	FDXG	INTL	Field level: Shipment
						Required*
						Description
						• Service type provided by the shipper.
						• Valid service type is:
						  o FedEx International Services
						  o 121 — International Ground Distribution (IGD)
						
						Note: Field length of 3 for International Ground Distribution.

Table 77: Additional Fields for International Ground Shipments

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Single Shot, Multiple-Piece Shipment, Open Ship
Recipient Country						
50	Max=2	A	I	FDXG	INTL	**Field level:** Shipment **Required** • *Required for FedEx International Priority DirectDistribution® (IPD), FedEx International Economy DirectDistribution℠ Service (IED) and FedEx International Priority DirectDistribution® Freight (IDF) shipments.

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Single Shot, Multiple-Piece Shipment, Open Ship
						• *Required for Openship function. **Description** • Recipient Country field specifies the two-character code indicating the country of the Recipient address. • For shipping, use Single Shot, Single Piece, Openship, or MPS.
Weight Units						
75	Max=3	A	I	FDXG	INTL	**Field level:** Shipment **Required*** or Defaulted. **Description** • Indicates the unit of weight used for the shipment. • *Required if your shipment is calculated in kilograms (KGS). • Valid values are: o LBS—Weight in pounds (default for U.S. to U.S.) o KGS—Weight in kilograms (for all international) *Note: For intra-U.S. shipments, you may enter the weight in LBS or KGS. If shipping from any U.S. origin to any international destination, then LBS or KGS are required for this field and must be included in the transaction.*
Description of Contents						
79-#	Max=450	AKE	I	FDXG	All	Field level: Package **Required*** **Description** • Description of commodity contents for the shipment. This can be used for free-form entry of document description when Field 2396 is not used. • *Required for commodity shipments or for document shipments when Field 190 is set to Y and Field 2396 is not used.

| Field ID | Field length | Data type | Input\ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Single Shot, Multiple-Piece Shipment, Open Ship
						• *Required for General Agency Agreement (GAA) if import shipment. *Note: Only 31 characters of this field print on the labels, but 450 characters are available for customer input to be used on their own reports, including the Commercial Invoice.* *Note: If both Fields 79 and 2396 are populated in the same transaction, Field 2396 takes precedence. Field 79 takes precedence for IPD/IDF/IED shipments.*
Country of Manufacture						
80-#	Max=2	A	I	FDXG	INTL	Field level: Package Required **Description** • Country code where commodity contents were produced or manufactured in their final form. If using a commercial invoice, this field is used at the commodity level. • See Appendix C in the FedEx Ship Manager® Server Transaction Coding Reference Guide for the Country Codes table.
Commodity Quantity						
82-#	Max=7	N	I	FDXG	INTL	Field level: Package Required***** **Description** • Total number of pieces of a given commodity in the entire shipment. For example, if you are shipping 6 pencils and 4 erasers, you code 82,"6" 82-2,"4". • *Required if Field 113 is set to Y, and you are not using Field 78 or Field 119. • Default: 1 • If FedEx is filing the commercial invoice (CI), the values sent for this field and Field 1030 determine the Total Customs Value for the shipment.

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Single Shot, Multiple-Piece Shipment, Open Ship
						• Total Customs Value = Sum of Field 82 x Field 1030. This derived value can be overridden by passing a value in Field 119. • If Field 113 is set to Y, Field 2404 position 1 (Commercial Invoice) should also be set to Y to generate a commercial invoice (default).

8.7.2 FedEx Electronic Trade Documents fields

Upload customer generated shipping documents in a 049 Pre-Shipment Document Upload Request transaction before shipping the shipment using the 020 Global Ship Request transaction.

More details about the 020/120 Global Ship Request/Reply Electronic Trade Documents fields transaction.

> Note: Ensure that Electronic Trade Documents has been enabled prior to using the 049 transaction. This transaction will not upload your documents unless you have enabled Electronic Trade Documents in your Meter Settings tab.

Perform the Pre-Shipment Document Upload for customer generated documents prior to shipping.

More details about the 020/120 Global Ship Request/Reply Electronic Trade Documents Fields transaction.

049 Pre-Shipment Document Upload Request Fields

Table 78: 049 Pre-Shipment Document Upload Request fields

| Field ID | Field length | Date Type | Input/Output | FedEx shipping | | Pre-Shipment Document Upload Request Description |
				Carrier Code (Services)	Valid for	
Transaction Code						
0	Max=3	N	I/O	All	All	**Field level:** Shipment **Required** **Description** • Transaction Code field indicates the start of a transaction.

Field	Field	Date	Input/	FedEx shipping		Pre-Shipment Document Upload
						• For example, 0,"104" signifies the start of the 104 Tracking Number Reply transaction.
Recipient Country						
50	Max=2	A	I/O	FDXE FDXG	All	**Field level:** Shipment **Required** • *Required for FedEx International Priority DirectDistribution® (IPD), FedEx International Economy DirectDistribution℠ Service (IED) and FedEx International Priority DirectDistribution® Freight (IDF) shipments. • *Required for Openship function. **Description** • Recipient Country field specifies the two-character code indicating the country of the Recipient address. • For shipping, use Single Shot, Single Piece, Openship, or MPS.
Meter Number						
498	Min=1 Max=9	N	I/O	FDXE FDXG	All	**Field level:** Shipment **Required** *Required if the meter number is different than the meter number configured as the default. **Default:** Parent meter **Description** • Meter Number field provides the unique number assigned to the Shipper's FedEx account number that is used in each transaction. It identifies the revenue/ shipping activity of a shipment. • This field ensures the tracking number obtained is from the range assigned in the requesting

Field	Field	Date	Input/	FedEx shipping		Pre-Shipment Document Upload
						meter.
						• Meter numbers can be of length up to nine-digits.
						• If one to one relationship exists between meter numbers and account numbers, the meter number or the account number is used in the transaction.
						Note: Field ID 10, Account Number, can be used instead of Field ID 498, Meter Number, if there is only one meter per FedEx Express account number on the server.
Open Ship Index						
542	Max=9	A/N	I/O	FDXE FDXG	All	Required* **Description** • Set to the unique number passed in the CREATE transaction. The value is a unique number per Open Ship shipment per meter and represents the Open Ship Index. • *Required for Open Ship. *Note: Field 542 is not required if you are simultaneously performing a CREATE or ADD transaction. Simultaneous Field 541 (required for Open Ship) transactions examples:* • YYNNNNNNN, which performs a shipment level CREATE and Route/Time-in-Transit transaction. • NYNYNNNNN, which performs a package level ADD and shipment level Route/Time-in-Transit together in the same transaction.
ETD Indicator						
2805	Max=1	A	I/O	FDXE FDXG	IE IF IPF	Field level: Shipment **Optional** **Description**

Field	Field	Date	Input/	FedEx shipping		Pre-Shipment Document Upload

					IE
					IGF
						• Electronic Trade Documents (ETD) Indicator is used to override the Electronic Trade Documents flag on the Meter Settings tab. This tag takes precedence over the configuration when passed in a transaction.
						
						• Valid values are:
						    ○ Y—Yes
						    ○ N—No
						
						Note: If tag is not sent, blank, or invalid, the value on the configuration screen applies.

Document Reference ID						
2817-#	Min=1 Max=40	AKE	I/O	FDXE FDXG	IE IF IPF IEF IG	Field level: Shipment **Required** **Description** Document Reference ID field indicate a unique ID for each given Electronic Trade Documents being uploaded in the transaction.
ETD Document Type						
2818-#	Max=1	N	I/O	FDXE FDXG	IE IF IPF IEF IG	Field level: Shipment **Required** *Required if Field 2819 is present in the request transaction. If Field 2818 is not found, an error will be returned. **Description** • ETD Document Type field determines type of document(s) that are electronically uploaded. It is used with Field 2819 (Electronic Trade Documents filename). • Valid values are: ○ 0 - Label Upload (this is an output response value only)

Field	Field	Date	Input/	FedEx shipping		Pre-Shipment Document Upload

						o 1 - Commercial Invoice
						
						   o 2 - Certificate of Origin
						
						   o 3 - Pro forma Invoice
						
						   o 4 - USMCA/T-MEC/CUSMACOO - USMCA/T-MEC/CUSMA Certification of Origin
						
						   o 5 – Other – Unidentified or Not Classified
						
						   o 6 - USMCA/T-MEC/CUSMACICOO - USMCA/T-MEC/CUSMA Commercial Invoice - Certification of Origin
						
						• For multiple documents being uploaded in this transaction, each occurrence of Field 2819 must have a corresponding occurrence of Field 2818 with the valid value set.
						
						• Example: If the first occurrence of 2819 (2819-1) has a file name of "C:\Folder\CommercialInvoice.txt," then subsequently, Field 2818 and the first occurrence (2818-1) should be set to 1 (Commercial Invoice) for the document type.
						
						Notes: It is the customer's responsibility to ensure that the document uploaded matches the valid value passed in for this tag.
						
						There are a few countries (e.g., China) that will allow ETD but not allow the CI or PI to be uploaded. In this scenario, if the user has indicated the shipment as ETD via tag# 2818 (ETD Document Type), the documents can still be uploaded as long as the required images (letterhead, signature or both) are included. ETD takes precedence in this scenario.

ETD Document Filename						
2819-	Min=1	AKE	I/O	FDXE	IE	Field level: Shipment

Field	Field	Date	Input/	FedEx shipping		Pre-Shipment Document Upload
#	Max=255			FDXG	IF IPF IEF IG	**Required** **Description** ETD Document Filename field contains the fully qualified filename of the document to be uploaded including the valid path where this document is located. *Note: The maximum length for an Electronic Trade Documents filename is 30 characters.*
ETD Wait for Confirmation						
2820	Max=1	A	I	FDXE FDXG	IE IF IPF IEF IG	Field level: Shipment **Optional** **Description** • ETD Wait for Confirmation field is a flag that indicates if the customer wants to wait for a confirmation from the back-end system that a customs document was uploaded successfully. *Note: This tag takes precedence over the configuration when passed in a transaction if there is a conflict between the transaction and the configuration settings.* • Valid values are: 　○ Y— Wait for Confirmation (equates to "Required" in the configuration) 　○ N— Do Not Wait for Confirmation (equates to "Not Required" in the configuration)
ETD Document Generation						
2821-#	Max=1	A	I	FDXE FDXG	IE IF IPF IEF IG	Field level: Shipment **Optional** **Description** • ETD Document Generation field is a flag that indicates if the

Field	Field	Date	Input/	FedEx shipping		Pre-Shipment Document Upload

						customer wants to override the configuration setting between FedEx Generated Customs document or Customer Generated documents. This field takes precedence over the configuration when passed in a transaction.
						
						• Valid values are:
						  ○ F— FedEx Generated
						  ○ C — Customer Generated
						 Note:
						• FedEx Generated is not available with the 049/149 Pre-Shipment Document Upload transaction
						• During 049 Pre-upload, if the user does not pass 2821 tag (FedEx Generated or Customer Generated) then the application treats "ETD Document Generation" as type 'C' (Customer Generated).

End of Record Indicator						
99	Max=0	NULL	I/O	All	All	Field level: Shipment **Required** **Description** • End of Record Indicator field indicates the end of a transaction. • The format is 99,"" (99 followed by a comma and two quotation marks). • All FedEx Ship Manager® Server transactions must end with 99,"".

149 Pre-Shipment Document Upload Reply Fields

Table 79: 149 Pre-Shipment Document Upload Reply fields

Field ID	Field length	Date Type	Input/ Output	FedEx shipping		Pre-Shipment Document Upload Request Description
				Services	Valid	

Field	Field	Date	Input/	FedEx shipping		Pre-Shipment Document Upload Request
					for	
Transaction Code						
0	Max=3	N	O	All	All	Field level: Shipment **Required** **Description** • Transaction Code field indicates the start of a transaction. • For example, 0,"104" signifies the start of the 104 Tracking Number Reply transaction
Recipient Country						
50	Max=2	A	O	FDXE FDXG	All	Field level: Shipment **Required** • *Required for FedEx International Priority DirectDistribution® (IPD), FedEx International Economy DirectDistribution℠ Service (IED) and FedEx International Priority DirectDistribution® Freight (IDF) shipments. • *Required for Openship function. **Description** • Recipient Country field specifies the two-character code indicating the country of the Recipient address. • For shipping, use Single Shot, Single Piece, Openship, or MPS.
Meter Number						
498	Min=1 Max=9	N	O	FDXE FDXG	All	**Field level:** Shipment **Required** *Required if the meter number is different than the meter number configured as the default. **Default:** Parent meter **Description** • Meter Number field provides the unique number assigned to the Shipper's FedEx account number that is used in each

Field	Field	Date	Input/	FedEx shipping		Pre-Shipment Document Upload Request
						transaction. It identifies the revenue/ shipping activity of a shipment.
						• This field ensures the tracking number obtained is from the range assigned in the requesting meter.
						• Meter numbers can be of length up to nine-digits.
						• If one to one relationship exists between meter numbers and account numbers, the meter number or the account number is used in the transaction.
						Note: Field ID 10, Account Number, can be used instead of Field ID 498, Meter Number, if there is only one meter per FedEx Express account number on the server.
Open Ship Index						
542	Max=9	A/N	O	FDXE FDXG	All	Field level: Package **Required** *Required for Openship. **Description** • Openship Index field is a unique number per Openship shipment per meter. It is set to the unique number passed in the CREATE transaction. • For shipping, use Openship. *Note: Field 542 is not:* • Required if you are simultaneously performing a CREATE or ADD transaction. • Used for IPD open shipping. Instead use Field 1355 (IOR Facility Code) with Field 24 (Ship Date) and Field 1274 (Service Type) to form a unique shipment • Examples of simultaneous transactions are: YYNNNNNNN which performs a shipment level CREATE and Route/Time in Transit transaction or NYNYNNNNN which performs a package level ADD and shipment level Route/Time in Transit together in the same transaction.

Field	Field	Date	Input/	FedEx shipping		Pre-Shipment Document Upload Request
ETD Indicator						
2805	Max=1	A	I/O	FDXE FDXG	IE IF IPF IEF IG	Field level: Shipment **Optional** **Description** • Electronic Trade Documents (ETD) Indicator is used to override the Electronic Trade Documents flag on the Meter Settings tab. This tag takes precedence over the configuration when passed in a transaction. • Valid values are: o Y—Yes o N—No *Note: If tag is not sent, blank, or invalid, the value on the configuration screen applies.*
Document Reference ID						
2817-#	Min=1 Max=40	AKE	O	FDXE FDXG	IE IF IPF IEF IG	Field level: Shipment **Required** **Description** Document Reference ID field indicate a unique ID for each given Electronic Trade Documents being uploaded in the transaction.
ETD Document Type						
2818-#	Max=1	N	O	FDXE FDXG	IE IF IPF IEF IG	Field level: Shipment **Required** *Required if Field 2819 is present in the request transaction. If Field 2818 is not found, an error will be returned. **Description** • ETD Document Type field determines type of document(s) that are electronically uploaded. It is used with Field 2819 (Electronic Trade Documents filename). • Valid values are: o 0 - Label Upload (this is an output response value only)

Field	Field	Date	Input/	FedEx shipping		Pre-Shipment Document Upload Request
						o 1 - Commercial Invoice o 2 - Certificate of Origin o 3 - Pro forma Invoice o 4 - USMCA/T-MEC/CUSMACOO - USMCA/T-MEC/CUSMA Certification of Origin o 5 – Other – Unidentified or Not Classified o 6 - USMCA/T-MEC/CUSMACICOO - USMCA/T-MEC/CUSMA Commercial Invoice - Certification of Origin • For multiple documents being uploaded in this transaction, each occurrence of Field 2819 must have a corresponding occurrence of Field 2818 with the valid value set. • Example: If the first occurrence of 2819 (2819-1) has a file name of "C:\Folder\CommercialInvoice.txt," then subsequently, Field 2818 and the first occurrence (2818-1) should be set to 1 (Commercial Invoice) for the document type. *Notes: It is the customer's responsibility to ensure that the document uploaded matches the valid value passed in for this tag.* *There are a few countries (e.g., China) that will allow ETD but not allow the CI or PI to be uploaded. In this scenario, if the user has indicated the shipment as ETD via tag# 2818 (ETD Document Type), the documents can still be uploaded as long as the required images (letterhead, signature or both) are included. ETD takes precedence in this scenario.*
ETD Document Filename						
2819-#	Min=1 Max=255	AKE	O	FDXE FDXG	IE IF IPF IEF IG	Field level: Shipment **Required** **Description** ETD Document Filename field contains the fully qualified filename of the document to be uploaded including the valid path where this

Field	Field	Date	Input/	FedEx shipping		Pre-Shipment Document Upload Request
						document is located.
						Note: The maximum length for an Electronic Trade Documents filename is 30 characters.
ETD Document Status						
2822-#	Max=2	N	O	FDXE FDXG	IE IF IPF IEF IG	Indicates the status of a document within an Electronic Trade Documents shipment when returned in the Reply transaction for Shipping (120), Pre-Shipment (149) or Shipment Query (124). Valid values are: 01 — Successfully Uploaded / 06 — Invalid File Format 02 — Upload Pending / 07 — Invalid Document Type 03 — Upload Unsuccessful / 08 — Invalid Filename 04 — Virus Detected / 09 — System Error 05 — File too Large / 10 — Duplicate File
End of Record Indicator						
	Max=0	NULL	O	All	All	Field level: Shipment **Required** **Description** • End of Record Indicator field indicates the end of a transaction. • The format is 99,"" (99 followed by a comma and two quotation marks). • All FedEx Ship Manager® Server transactions must end with 99,"".

Re-printing FedEx generated documentation

If customers attempt to upload Electronic Trade Documents and they receive a warning message that these documents could not be uploaded, then they must reprint the FedEx generated documentation for the required reports using one of the following reprint functions:

- Label Reprint Utility
- Report Viewer Utility

Note: See the FedEx Ship Manager® Server Transaction Coding Reference Guide for detailed information.

See [Chapter 18: FedEx Ship Manager® Server Utilities](#) for a complete description of FSMS utilities.

020/120 Global Ship Request/Reply Transaction

There are two methods of using the 020/120 Global Ship Request/Reply transaction.

Method 1: After uploading the Customer Generated shipping documents with the 049/149 Pre-Shipment Document Upload Request/Reply transaction, the 020/120 Global Ship Request/Reply transaction must process the shipment. Field 2817 links the 049/149 transaction to the 020/120 transaction.

Method 2: Upload Customer and FedEx Generated shipping documents and ship at the same time via the 020/120 Global Ship Request/Reply transaction.

020/120 Global Ship Request/Reply Electronic Trade Documents Fields

Fields for uploading Electronic Trade Documents while shipping.

- Field 2817 (Document Reference ID); this field is Required* for all 049/149 Pre-Shipment Document Upload Request/Reply and 020/120 Global Ship Request/Reply transactions.

  Note: If this field is not used in the transaction, then this will be auto generated by FSMS. If documentation was previously uploaded with the 049/149 Pre-Shipment Document Upload Request/Reply transaction, then the document reference ID from that transaction should be passed in the 020 Global Ship Request transaction. If you create your own Document Reference ID in a 049/149 Pre-Shipment Document Upload Request/Reply transaction it is simpler to link, but if you let FedEx create the link, it will be 40 characters long.

- Field 2818 (ETD Document Type); this field is Required* for all 049/149 and 020/120 transactions.

- Field 2819 (ETD Document Filename); this field is Required* for all 049/149 and 020/120 transactions for Customer Generated documents.

The following optional fields override the configuration settings:

- Field 2820 (ETD Wait for Confirmation)

- Field 2805 (ETD Indicator)

- Field 2821 (ETD Document Generation)

  Note: Field 2821 ETD Document Generation will be used in the 020/120 Global Ship Request/Reply transactions so customers can identify Customer Generated as the ETD Document Type in case of Multiple Customer Invoices (FedEx Express and FedEx Ground) or Multiple Pro forma Invoices (Express). The label image will be uploaded at ship time. For Single Piece, Single Shot, Total Piece/Total Weight and Open Ship, the image will be uploaded at Confirm.

The table below describes the 020 Global Ship Transaction Request Fields for Electronic Trade Documents Upload and Shipping, in Addition to Basic 020 Global Ship Transaction Fields.

Table 80: 020 Global ship transaction request fields for ETD Upload and shipping

Field ID	Field length	Date Type	Input/ Output	FedEx shipping		Pre-Shipment Document Upload Request Description
				Carrier Code (Services)	Valid for	

| Field ID | Field length | Date Type | Input/ Output | FedEx shipping | | Pre-Shipment Document Upload Request Description |
				Carrier Code (Services)	Valid for	
ETD Indicator						
2805	Max=1	A	I/O	FDXE FDXG	IE IF IPF IE IGF	**Optional** **Description** ETD Indicator used to override the ETD flag on the Meter Settings tab. This Field ID takes precedence over the configuration when passed in a transaction. Valid values are: o Y — Yes o N — No If Field ID is not sent, blank, or invalid, then the value on the configuration screen applies.
Document Reference ID						
2817-#	Min=1 Max=40	AKE	I/O	FDXE FDXG	IE IF IPF IEF IG	**Required*** Description • Used by customers to indicate a unique ID for each given Electronic Trade Document being uploaded in the transaction. • *FSMS auto-populates if not passed in the transaction. *Note: If you create your own Document Reference ID in 049/149 Pre-Shipment Document Upload Request/Reply transaction, it is simpler to link, but if you let FedEx create the link, it will be 40 characters long.*
ETD Document Type						
2818-#	Max=1	N	I/O	FDXE FDXG	IE IF IPF IEF IG	**Required** in *020/120 Global Ship Request/Reply* and *049/149 Pre-Shipment Document Upload Request/Reply* transactions, if Field 2819 is present in the *049 Pre-Shipment Document Upload Request* transaction. If Field 2818 is not found, then an error will be returned.

| Field ID | Field length | Date Type | Input/ Output | FedEx shipping | | Pre-Shipment Document Upload Request Description |
				Carrier Code (Services)	Valid for	
						Description • This field is required to determine what type of document(s) are being electronically uploaded. It is used with the Field 2819 (ETD Document Filename) for Customer Generated documents (Field 2821). • Valid values are: ○ 1 — Commercial Invoice ○ 2 — Certificate of Origin ○ 3 — Pro forma Invoice ○ 4– USMCA/T-MEC/CUSMA COO (Or Ground USMCA/T-MEC/CUSMA Certification or Origin) ○ 5–Other • For multiple documents being uploaded in this transaction, each occurrence of Field 2819 must have a corresponding occurrence of Field 2818 with the valid value set. For example: If the first occurrence of 2819 (such as 2819-1) has the following filename, C:\Folder\CommercialInvoice.txt, then Field 2818 and its first occurrence (2818-1) should be set to 1 (Commercial Invoice) for the document type. • It is the customer's responsibility to ensure that the uploaded document matches the valid value set for this Field ID.
ETD Document Filename						
2819-#	Min=1 Max=255	AKE	I/O	FDXE FDXG	IE IF IPF IEF IG	• Required* in the 049/149 Pre-Shipment Document Upload Request/Reply transaction. • Optional in the 020/120 Global Ship Request/Reply transaction.

| Field ID | Field length | Date Type | Input/ Output | FedEx shipping | | Pre-Shipment Document Upload Request Description |
				Carrier Code (Services)	Valid for	
						Description • This field contains the fully qualified filename of the document to be uploaded, including the valid path where this document is located. • The maximum length for an Electronic Trade Documents filename is 30 characters.
ETD Wait for Confirmation						

2820	Max=1	A	I	FDXE FDXG	IE IF IPF IEF IG	**Optional**
						Description
						• Flag to indicate if customer wants to wait for a confirmation from the back-end system that a customs document was uploaded successfully.
						• This Field ID takes precedence over the configuration when passed in a transaction if there is a conflict between the transaction and the configuration settings.
						• Valid values are:
						  o Y — Wait for Confirmation (equates to "Required" in the configuration)
						  o N — Do Not Wait for Confirmation (equates to "Not Required" in the configuration)

ETD Document Generation						
2821-#	Max=1	A	I	FDXE FDXG	IE IF IPF IEF IG	Required* • Flag to indicate if customer wants to override the configuration setting between Customer Generated documents. This Field ID takes precedence over the configuration when passed in a transaction. • Valid values are:

| Field ID | Field length | Date Type | Input/ Output | FedEx shipping | | Pre-Shipment Document Upload Request Description |
				Carrier Code (Services)	Valid for	
						o C — Customer Generated
						o F — FedEx Generated
						Note:
						• FedEx Generated not available with 049/149 Pre-Shipment Document Upload Request/Reply transaction.
						• This field must be used with Fields 2818 and 2819 for all 049/149 Pre-Shipment Document Upload transactions.
						• During 049 Pre-upload, if the user does not pass 2821 tag (FedEx Generated or Customer Generated) then the application treats "ETD Document Generation" as type 'C' (Customer Generated).
End of Record Indicator						
99	Max=0	NULL	I/O	All	All	**Required** Indicates the end of a transaction. The format is 99,"" (99 followed by a comma and two quotation marks). All FedEx Ship Manager® Server transactions must end with 99,"".

8.7.3 Deleting a FedEx International Ground shipment

Use the 023 Global Delete Request transaction to delete a single piece or all pieces in a FedEx International Ground multiple-package shipment.

Note: If you enter a tracking number associated with a multiple-piece shipment, then FSMS deletes all pieces in this shipment.

8.7.4 Signature options for Canada Ground shipments

FedEx Ship Manager® Server supports the signature delivery options for FedEx International Ground service from Canada to the U.S. (inbound only) for shipments with a declared value of less than $500 USD or CAD. The options are different for residential and non-residential delivery types as described in below table.

Table 81: Canada signature options

Delivery Type	Signature Type	Surcharge
Residential	Not specified (*default*)	No charge
	Direct Signature Required	Charge per package for CA-origin accounts/meters
Non-Residential	Not specified (*default*)	No charge
	Direct Signature Required	Charge per package for CA-origin accounts/meters

The current options are Indirect Signature Required and Direct Signature Required, both with a delivery charge. FedEx® International DirectDistribution Surface Solutions origins: Canada (IDD CA) shipments are not affected by this change.

The signature options impacts shippers who ship Single Piece, Single Shot, and Open Ship shipments from Canada to the U.S. and use the 020/120 Global Ship and 025/125 Rate Available Services transactions with the field values displayed in the following table.

Table 82: Signature option fields for FedEx International Ground CA to U.S.

Transaction	Available Fields	Valid Values
020/120 Global Ship Request/Reply Shipping Transaction		
1274	Service Type	Set value 92 — FedEx Ground.
440	Residential Delivery Flag	Set to Y.
2399	Signature Required Type	0 — None specified (*default*) Allowed No surcharge assessed *120/125 Reply* transactions return Field 2399 set to 0.
		[1—No signature required] Error returned; no override. No surcharge assessed
		[2—Indirect Signature] Not allowed; overrides to the default (0 — Not specified). No surcharge assessed.
		3 — Direct Signature Allowed - Surcharge assessed *120/125 Reply* transactions return Field 2399 set to 0.

Transaction	Available Fields	Valid Values
		[4—Adult Signature] Not allowed; overrides to 3 — Direct Signature. Surcharge assessed
		No value supplied or value is not 0, 1, 2, 3 or 4 Not allowed; overrides to default (0 — Not specified).
1234	Rate/Route/Time-in-Transit Flag	1—Rate quote 3 —Rate quote and Route/Time-in-Transit
541	Open Ship Flags	Position 3 (Rate) set to Y NNYNNNNNN
025/125 Rate All Services Request/Reply Transaction		
1274	Service Type	Set value 92 — FedEx Ground.
440	Residential Delivery Flag	Set to Y.
2399	Signature Required Type	0 — None specified (*default*) Allowed No surcharge assessed 120/125 Reply transactions return Field 2399 set to 0.
		[1 — No signature required] Error returned; no override. No surcharge assessed
		[2 — Indirect Signature] Not allowed; overrides to the default (0 — Not specified). No surcharge assessed.
		3 — Direct Signature Allowed - Surcharge assessed *120/125 Reply* transactions return Field 2399 set to 0.
		[4 — Adult Signature] Not allowed; overrides to 3 — Direct Signature. Surcharge assessed
		No value supplied or value is not 0, 1, 2, 3 or 4 Not allowed; overrides to default (0 — Not specified).

Transaction	Available Fields	Valid Values
1234	Rate/Route/Time-in-Transit Flag	1— Rate quote 3 — Rate quote and Route/Time-in-Transit

Note: Brackets ([ ]) indicate that the field value is not valid for International Ground shipments from CA to U.S. for packages less than $500 CAD/USD.

8.7.5 Applying Duty/Tax payment to FedEx Ground International shipments

When you ship FedEx Ground International shipments between U.S. and Canada, you must specify the fields displayed in the below table in a 020 Global Ship Request transaction.

Table 83: Duty and tax payment fields for FedEx Ground International

Transaction	Available Fields	Valid Values for 020/120 Global Ship Request/Reply Shipping Transaction

70	Duty/Tax Payment Type	Field level: Shipment
		Optional
		Description
		
		• Indicates payment type for duties and taxes.
		• Valid values are:
		   o 1— Bill sender (*default* for returns)
		   o 2 — Bill recipient (*default* for shipping)
		   o 3 — Bill third party

71	Duty/Tax Payor Account Number	Field level: Shipment **Required** * **Description** • FedEx account to which duties and taxes will be billed. • *Required if Field 70 is set to 3 — Bill third Party. • Recommended if Field 70 is set to 2 — Bill Recipient (*default*)

Note: When Field 1174 (BSO Flag) is set to N, Field 70 (Duty/Tax Payment Type) and Field 71 (Duty/Tax Payor Account Number) are passed and stored in the 2D barcode of the Shipping and C.O.D. Return labels along with Field 4901 (Customs Shipment Type)

8.8 United States-Mexico-Canada agreement (USMCA/T-MEC/CUSMA)

USMCA is intended to create a modernized free-trade system between the three parties the U.S., Canada, and Mexico. It addresses recent and emerging critical issues, such as the harmonization of regulatory systems, e-commerce, and the protection of intellectual property.

Following are the trade rule changes that are part of USMCA /CUSMA/T-MEC agreement:

- Under the USMCA, importers will no longer be required to complete a formal certification document.
- Certification of origin can be achieved using informal documentation, such as the commercial invoices and can be completed by the importer, exporter, or producer or as a stand-alone document.
- Changes in duty and taxes for the customers.

Adapting to USMCA /CUSMA/T-MEC trade rules ensures regulatory compliance is maintained. It gives you the ability to electronically report to customs according to the changes to the import regulations and to provide accurate duty and tax assessment and duty reduction benefits to customers.

USMCA/T-MEC/CUSMA low-value statement

The USMCA/T-MEC/CUSMA low-value statement is a declaration needed for goods valued under $2500 USD/$3300 CAD/$1000 USD.

"I hereby certify that the goods covered by this shipment qualifies as an originating good for purposes of preferential tariff treatment under USMCA/T-MEC/CUSMA".

The USMCA/T-MEC/CUSMA low-value statement is printed in the lower left corner of the below invoices:

- FedEx Consolidated Commercial Invoice
- FedEx Ground Commercial Invoice
- Ground Consolidated Commercial Invoice
- International commercial invoice

For southbound shipments, if the goods are valued under $2500 USD/$3300 CAD/$1000 USD and currency type is of same origin, a USMCA/T-MEC/CUSMA certification is not required per regulation 19 CFR 181.22 (d) (iii).

8.8.1 USMCA/T-MEC/CUSMA Certification of Origin (COO)

A USMCA/T-MEC/CUSMA Certification of Origin (COO) is provided for goods that qualify for reduced or duty-free entry as a product of one of the three UNITED STATES-MEXCIO-CANADA AGREEMENT (USMCA/T-MEC/CUSMA). The certification is completed by the exporter or manufacturer of the goods and is provided with the commercial invoice.

Currently the USMCA Certification of Origin is a set of 9 mandatory data elements, Integrated into existing shipping document.

Certifying statement to be added in Certification of Origin (COO) as below:

"I certify that the goods described in this document qualify as originating and the information contained in this document is true and accurate. I assume responsibility for proving such representations and agree to maintain and present upon request or to make available during a verification visit, documentation necessary to support this certification"

8.8.2 USMCA/T-MEC/CUSMA Certification of Origin fields

Below table describes the FedEx Ship Manager® Server transaction fields that support the completion of the USMCA/T-MEC/CUSMA Certification of Origin (COO) for U.S.-CA-MX cross-border customs clearance.

Table 84: USMCA/T-MEC/CUSMA Certification of Origin fields

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description Transaction: 020 Global Ship Request
				Carrier Code (Services)	Valid for	
USMCA/T-MEC/CUSMA Indicator						
1799	Min=1 Max=1	A	I	FDXE FDXG FXFR	INTL	**Field level:** Shipment **Required** **Description** • Indicates the role of shipper/certifier in the certification of origin regulatory document. • Valid values are: o E — Exporter o I — Importer o P — Producer
USMCA/T-MEC/CUSMA Certification of Origin - Preference Criterion						
2152-#	Min=1 Max=2	A/N	I	FDXE FDXG	INTL	**Field level:** Package Required* • Specifies the preference criterion information per commodity. • *Required for each commodity if 5th position of Field 2404 (Shipment Documentation Flag) is Y. • Valid values are: o A, B, C, D, E o Default: Blank

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description Transaction: 020 Global Ship Request
				Carrier Code (Services)	Valid for	
USMCA/T-MEC/CUSMA Certification of Origin - Commodity Producer
2153-#	Max=1	N	I	FDXE FDXG	INTL	**Field level:** Package Required* • Specifies the producer information per commodity. • *Required for each commodity if 5th position of Field 2404 (Shipment Documentation Flag) is Y. • Valid values are: o 1— Yes o 2 — No (1) o 3 — No (2) o 4— No (3) o Default: Blank
USMCA/T-MEC/CUSMA Certification of Origin - Net Cost
2154-#	Max=1	N	I	FDXE FDXG	INTL	**Field level:** Package Required* • Specifies the net cost information per commodity. • *Required for each commodity if 5th position of Field 2404 (Shipment Documentation Flag) is Y. Also, can be a returned value in 120 Reply. • Valid values are: o 1— No o 2 — NC o 3 — NC plus date range o Default: Blank
USMCA/T-MEC/CUSMA Certification of Origin - Net Cost Begin Date
2155-#	Max=8	N	I	FDXE FDXG	All	**Field level:** Package Required* • Specifies the net cost begin date. • *Required if Field 2154 (USMCA/T-

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request
						MEC/CUSMA Certification of Origin - Net Cost) is 3. • Use this date format: MMDDCCYY
USMCA/T-MEC/CUSMA Certification of Origin - Net Cost End Date						
2156-#	Max=8	N	I	FDXE FDXG	INTL	**Field level:** Package Required* • Specifies the net cost end date. • *Required if Field 2154 (USMCA/T-MEC/CUSMA Certification of Origin - Net Cost) is 3. • Use this date format: MMDDCCYY
USMCA/T-MEC/CUSMA Certification of Origin - Country of Origin						

2157-#	Max=2	A	I	FDXE FDXG	INTL	**Field level:** Package
						Required*
						• Specifies the country of origin.
						• *Required for each commodity if 5th position of Field 2404 (Shipment Documentation Flag) is Y.
						• Valid values are:
						   o CA
						   o US
						   o MX
						   o Default: Blank

USMCA/T-MEC/CUSMA Certification of Origin - Producer						
2158-#	Max=1	N	I	FDXE FDXG	INTL	**Field level:** Package Required* • Indicates status and information about the producer for the certification of origin. • *Required for each commodity if 5th position of Field 2404 (Shipment Documentation Flag) is Y. • Valid values are:

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description Transaction: 020 Global Ship Request
				Carrier Code (Services)	Valid for	
						o 1 — Same o 2 — Unknown o 3 — Available to customs on request o 4 — Attached producers list o 5 — Other
USMCA/T-MEC/CUSMA Certification of Origin - Producer Company Name						
2159	Max=35	AKE	I	FDXE FDXG	INTL	**Optional** Company name of the producer to enter on the certification of origin.
USMCA/T-MEC/CUSMA Certification of Origin - Producer Contact Name						
2160	Max=35	AKE	I	FDXE FDXG	INTL	**Optional** Contact name for the producer to enter on the certification of origin.
USMCA/T-MEC/CUSMA Certification of Origin - Producer Address line 1						
2161	Max=100	AKE	I	FDXE FDXG	INTL	**Optional** First address line of the producer to enter on the certification of origin.
USMCA/T-MEC/CUSMA Certification of Origin - Producer Address line 2						
2162	Max=100	AKE	I	FDXE FDXG	INTL	**Optional** Second address line of the producer to enter on the certification of origin.
USMCA/T-MEC/CUSMA Certification of Origin - Producer City						
2163	Max=35	AKE	I	FDXE FDXG	INTL	**Optional** Name of the city of the producer to enter on the certification of origin.
USMCA/T-MEC/CUSMA Certification of Origin - Producer State Code						
2164	Max=2	A	I	FDXE FDXG	INTL	**Optional** State code of the producer to enter on the certification of origin.
USMCA/T-MEC/CUSMA Certification of Origin Producer Postal Code						
2165	Max=15	A/N	I	FDXE FDXG	INTL	**Optional** Postal code of the producer to enter on the

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description Transaction: 020 Global Ship Request
				Carrier Code (Services)	Valid for	
						certification of origin.
USMCA/T-MEC/CUSMA Certification of Origin -Producer Country Code						
2166	Max=2	A	I	FDXE FDXG	INTL	**Optional** Country code of the producer to enter on the certification of origin.
USMCA/T-MEC/CUSMA Certification of Origin -Producer Tax ID/EIN						
2167	Max=15	A/N	I	FDXE FDXG	INTL	**Optional** Producer tax ID/EIN to enter on the certification of origin.
USMCA/T-MEC/CUSMA Certification of Origin -Company						
2168	Max=35	AKE	I	FDXE FDXG	INTL	**Optional** Specify company name you want to display on the certification of origin.
USMCA/T-MEC/CUSMA Certification of Origin -Name						
2169	Max=35	AKE	I	FDXE FDXG	INTL	**Optional** Name you want to display on the certification of origin.
USMCA/T-MEC/CUSMA Certifier Title						
2170	Min=1 Max=35	AKE	I	FDXE FDXG FXFR	INTL	**Field level:** Shipment **Required** **Description** - Business title of the Certifier/person responsible for signing of documents mentioned in the field 2169 (USMCA/T-MEC/CUSMA Certification of Origin - Name) for the certification of origin. - Examples: Shipping Clerk, Shipping Manager, Office Manager, etc.
USMCA/T-MEC/CUSMA Certification of Origin - Telephone Number						
2171	Max=15	AKE	I	FDXE FDXG	INTL	**Optional** Telephone number to enter on certification of origin.
USMCA/T-MEC/CUSMA Certification of Origin - Fax Number						

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request |
				Carrier Code (Services)	Valid for	
2172	Max=15	AKE	I	FDXE FDXG	INTL	**Optional** Fax number to print on the certification of origin.
Importer Email Address						
615	Min=1 Max=60	A	I	FDXE FDXG FXFR	INTL	**Field level:** Shipment **Description** Specifies the email address of the importer.
Exporter Email Address						
623	Min=1 Max=60	A	I	FDXE FDXG FXFR	INTL	**Field level:** Shipment **Description** Specifies the email address of the exporter.
Producer Email Address						
624	Min=1 Max=60	A	I	FDXE FDXG FXFR	INTL	**Field level:** Shipment **Description** Specifies the email address of the producer.
USMCA/T-MEC/CUSMA Producer Phone Number						
625	Min=10 Max=10	AN	I	FDXE FDXG FXFR	INTL	**Field level:** Shipment **Optional** **Description** - Specifies the phone number of the USMCA/T-MEC/CUSMA producer. - The maximum length of this field is 10 for U.S. and CA, 15 for all other countries.
USMCA/T-MEC/CUSMA Origin Criterion						
618	Min=1 Max=2	A	I	FDXE FDXG	INTL	**Field level:** Package **Required*** **Description** Identifies if the good(s) being shipped qualifies below set of criteria's

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description Transaction: 020 Global Ship Request
				Carrier Code (Services)	Valid for	
						o Criterion A: The goods are wholly obtained or produced entirely in the territory of one or more of the USMCA/T-MEC/CUSMA countries, as defined in Artic le 4.3 of the Agreement.
						o Criterion B: The goods are produced entirely in the territory of one or more of the USMCA/T-MEC/CUSMA countries using non originating materials, provided the goods satisfy all applicable requirements of product-specific rules of origin, as defined in Article 4.3 of the Agreement.
						o Criterion C: The goods are produced entirely in the territory of one or more of the USMCA/T-MEC/CUSMA countries exclusively from originating materials.
						o Criterion D: The goods are produced entirely in the territory of one or more of the USMCA/T-MEC/CUSMA countries. It is classified with its materials or satisfies the "unassembled goods" requirement and meets a regional value content threshold of not less than 60% if the transaction value method is used, or not less than 50% if the net cost method is used (not including RVC for autos); except for goods in Chapter 61-63 of the Harmonized Tariff Schedule (HTS).
						o Criterion E: Product of Schedule

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request |
				Carrier Code (Services)	Valid for	
						II of the USMCA Appendix A to 19 CFR 182 – Rules of Origin Regulations. *Note: Click the links below to view the complete details of the Rules of Origin for the Importing Country: **United States** • **Mexico** • **Canada**.* • This tag is used in a (formerly known as NAFTA transaction) 020 international shipping transaction for a U.S., Canada (CA), or Mexico (MX) origin to an associated and unique international destination country of U.S., CA, or MX (or an intra-country shipment). • Valid values are: A, B, C, D, E • Default value: Blank *Notes:* • *When the value "E" is received for U.S. or MX imports during a 020 USMCA/T-MEC/CUSMA shipping transaction then USMCA/T-MEC/CUSMA Origin Criterion value is printed on the newly implemented USMCA/T-MEC/CUSMA Certification of Origin report or USMCA/T-MEC/CUSMA Commercial Invoice is - Product of Schedule II of the USMCA Appendix A to 19 CFR 182 – Rules of Origin Regulations.* • *When the value "E" is received for Canada imports during a 020 USMCA/T-MEC/CUSMA shipping transaction then USMCA/T-MEC/CUSMA Origin Criterion value to be printed on the newly implemented USMCA/T-MEC/CUSMA Certification of Origin report or USMCA/T-MEC/CUSMA Commercial Invoice Certification of Origin report is -Schedule 2 of the CUSMA Rules of Origin Regulations.*
Blanket Period From Date						
2193	Min=8	Date	I	FDXE	INTL	**Field level:** Shipment

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request |
				Carrier Code (Services)	Valid for	
	Max=8			FDXG FXFR		**Description** • Specifies USMCA/T-MEC/CUSMA COO blanket period from date. • Up to 12 months of period covered by certification (if applicable). • Include the period if the certification covers multiple shipments of identical goods for a specified period of up to 12 months as set out in Chapter 5, Article 5.3 (Basis of a Certification of Origin) of the agreement.
Blanket Period To Date						
2194	Min=8 Max=8	Date	I	FDXE FDXG FXFR	INTL	**Field level:** Shipment **Description** • Specifies USMCA/T-MEC/CUSMA COO blanket period to date. • Up to 12 months of period covered by certification (if applicable). • Include the period if the certification covers multiple shipments of identical goods for a specified period of up to 12 months as set out in Chapter 5, Article 5.3 (Basis of a Certification of Origin) of the agreement.
Print the Low Value Statement on the Commercial Invoice						
691	Min=1 Max=1	A	I	FDXE FDXG FXFR	INTL	**Field level:** Shipment ***Required** Value of "C" will trigger the stated limits to be checked. **Description** • This tag allows the customer to enable printing of the low-value statement on the commercial invoice. If enabled, the low-value statement is included in the regulatory document also. • The low-value statement is included based on the importing country and the

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description Transaction: 020 Global Ship Request
				Carrier Code (Services)	Valid for	
						total customs value of the shipment. It is applicable when the customs value is under a threshold value as mentioned below: o For U.S. <= $2500 USD o For CA <= $3300 CAD o For MX <= $1000 USD • Valid values: o C – Conditionally checked based upon the customs value provided in a transaction o Y – Customer requests the printing of the low-value statement on the commercial invoice (for a USMCA/T-MEC/CUSMA type of shipment) o N – Do not print the low-value statement on the commercial invoice (for a USMCA/T-MEC/CUSMA type of shipment) o Default: C
USMCA/T-MEC/CUSMA Commercial Invoice - Certification of Origin Special Instructions						
693	Min=1 Max=175	N	I	FDXE FDXG FDFR	INTL	**Field level:** Shipment **Optional** **Description** • Displays special instructions for the shipment. • The special instructions are specifically defined by any party affiliated with the shipment (shipper, recipient, exporter, importer, producer). • Default value: Blank

8.8.3 USMCA/T-MEC/CUSMA Origin Criterion

Canada shippers set the USMCA/T-MEC/CUSMA Origin Criterion for each commodity shipped using field 2152 (USMCA/T-MEC/CUSMA Certification of Origin Preference Criterion) in the 020 Global Ship Request transaction. The valid values "D1" and "D2" are preference sub-criteria which pertain to progressive tariff reduction on goods. If selected, D1 or D2 would then print on the Certification of

Origin.

Note: When the Origin Criterion "D" is split into "D1" and "D2", "D1" becomes the default and 'D' is not used. FedEx Ship Manager® Server notifies customers when the Origin Criterion default value changes from 'D' to the sub-criterion value 'D1' with the following message: "The default value of USMCA/T-MEC/CUSMA Origin Criterion has been changed from 'D' to 'D1', ensure this is the proper value for your shipments."

8.8.4 Generating a USMCA/T-MEC/CUSMA Certification of Origin

You can generate a USMCA/T-MEC/CUSMA Certification of Origin (COO) for International Ground shipments from U.S. to Canada and Canada to U.S. You must first configure your report settings before you can generate a USMCA/T-MEC/CUSMA Certification of Origin. Refer FedEx shipping forms and reports for more information.

Use Field 1373 (Report Code) set to 058 — USMCA/T-MEC/CUSMA COO to indicate that you want to print the USMCA/T-MEC/CUSMA certification of origin (COO) report.

To generate a USMCA/T-MEC/CUSMA Certification of Origin

1. Create a 020 Global Ship Request transaction.

2. Pass the USMCA/T-MEC/CUSMA COO fields with the data you want on the certification form.

3. FedEx Ship Manager® Server pre-populates the certification form with the passed data.

4. Create a *095 Reprint Request* transaction.

5. Pass Field 1373 set to 058 to indicate that you want to print the USMCA/T-MEC/CUSMA COO form.

6. FedEx Ship Manager® Server generates the pre-populated form that you can now print.

Note:

- *You can also generate a USMCA/T-MEC/CUSMA Certification of Origin (COO) for International Express USMCA shipments.*
- *While shipping to a destination country not tied to USMCA through a 020 Express shipping transaction, if the USMCA/T-MEC/CUSMA flag is enabled, the request to print the USMCA/T-MEC/CUSMA certification of origin is ignored.*

8.8.5 Printing of USMCA/T-MEC/CUSMA Certification of Origin

To create a USMCA/T-MEC/CUSMA Certification of Origin for International Ground shipments from U.S. to Canada and Canada to U.S., you must first code a 020 Global Ship Request transaction with the appropriate USMCA/T-MEC/CUSMA Certification of Origin data for the document.

When you are ready to print the document, use Field 1373 (Report Code) in a 095/195 Reprint Request/Reply transaction.

Note: The USMCA/T-MEC/CUSMA Commercial Invoice - Certification of Origin document is printed, regardless of customs value of the shipment processed.

Table 85: USMCA/T-MEC/CUSMA Certification of Origin

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description
				Service	Valid for	Transactions: 095/195 Reprint Request/Reply - Open Ship MPS

Field ID	Field length	Data type	Input\ Output	FedEx shipping		Description
				Service	Valid for	Transactions: 095/195 Reprint Request/Reply - Open Ship MPS
Report Code						Transactions: 020 Global Ship Request, 070/170 Meter Query Configuration Request/Reply, 095 Label Reprint Request, 060/160 Freight Create BOL Request/Reply

1373	Max=3	N	I/O	FDXG	INTL	**Optional**
						
						• Specify the USMCA/T-MEC/CUSMA report to print. Valid report value is:
						
						   o 058 — USMCA/T-MEC/CUSMA COO
						
						   o 067 — Detail (FedEx Ground® Economy Report)
						
						   o 068 — Returns (FedEx Ground® Economy Report)
						
						   o 069 — Manifest (FedEx Ground® Economy Report)
						
						• When Tag #1935 (Reprint Type) with a value of "S" and Tag#1373 (Report Code) with a value of 072 Freight Universal Commercial Invoice or 073 Freight Certification of Origin or 074 Freight USMCA/T-MEC/CUSMA Certification of Origin is passed in along with all other required/optional data to request the reprinting, this request will be ignored.

The USMCA/T-MEC/CUSMA Certification of Origin document prints at ship time on a single sheet of paper. The document can be printed in the following file formats:

• Word document (.doc)

• Rich Text File (.rtf)

• Text only (.txt)

• Portable Document Format (.pdf)

8.8.6 USMCA/T-MEC/CUSMA Certification of Origin sample

USMCA/T-MEC/CUSMA Certification of Origin sample shown below.

Figure 10: USMCA/T-MEC/CUSMA Certification of Origin sample with data

Enabling Printing USMCA/T-MEC/CUSMA Certification of Origin

To enable printing of the USMCA/T-MEC/CUSMA Certification of Origin (COO) follow the below steps:

1. Open the FSMS Configuration Utility.
2. Click the Report Settings tab.
3. Click Ground in the left pane.
4. Select USMCA/T-MEC/CUSMA COO.
5. Click Apply or Apply & Exit.

Re-printing USMCA/T-MEC/CUSMA Certification of Origin

To reprint the USMCA/T-MEC/CUSMA Certification of Origin, follow the bellow steps:

1. Open the Review Report Utility
2. Select the meter number.
3. In the left pane, select Shipment Reports.
4. Double-click USMCA/T-MEC/CUSMA Certification of Origin to view the report.
5. Select File > Print.
6. Specify a printer device and print the report.

Note: As an alternative choice, you can create a 095 Reprint Request transaction to print the report.

Table 86: Conditions to print USMCA/T-MEC/CUSMA report statements

Report Name	Condition	Statement
• FedEx Ground Commercial Invoice • International commercial invoice	Origin= U.S. or Puerto Rico or Mexico Destination = Canada and USMCA/T-MEC/CUSMA flag = Y	"I certify that the goods referenced in this invoice/sales contract originate under the rules of origin specified for these goods in the UNITED STATES-MEXICO-CANADA Agreement (USMCA/T-MEC/CUSMA) and that further production or any other operation outside the territories of the Parties has not occurred subsequent to production in the territories."
Ground Consolidated Commercial Invoice.	USMCA/T-MEC/CUSMA flag = Y	"I certify that the goods referenced in this invoice/sales contract originate under the rules of origin specified for these goods in the UNITED STATES-MEXICO-CANADA Agreement (USMCA/T-MEC/CUSMA) and that further production or any other operation outside the territories of the Parties has not occurred subsequent to production in the territories."
Consolidated Commercial Invoice	Origin= U.S. or Puerto Rico or Mexico Destination = Canada and USMCA/T-MEC/CUSMA flag = Y *Note: A USMCA/T-MEC/CUSMA certification is not required per regulation 19 CFR 181.22 (d) (iii).*	"I hereby certify that the goods covered by this shipment qualifies as an originating good for purposes of preferential tariff treatment under USMCA/T-MEC/CUSMA."
• Consolidated Commercial Invoice • International Commercial Invoice • FedEx Ground Commercial Invoice	Origin= Canada or Mexico Destination = U.S. or Puerto Rico or U.S. Virgin Islands and USMCA/T-MEC/CUSMA flag = Y *Note: A USMCA/T-MEC/CUSMA certification is not required per regulation 19 CFR*	"I hereby certify that the goods covered by this shipment qualifies as an originating good for purposes of preferential tariff treatment under USMCA/T-MEC/CUSMA."

	181.22 (d) (iii).	

8.8.7 USMCA/T-MEC/CUSMA Commercial Invoice Certification of Origin (CI-COO)

USMCA/T-MEC/CUSMA Commercial Invoice Certification of Origin (CI-COO) sample shown below.

Figure 11: USMCA/T-MEC/CUSMA CI-COO sample with data page 1

Figure 12: USMCA/T-MEC/CUSMA CI-COO of Origin sample with data page 2

USMCA/T-MEC/CUSMA Commercial Invoice Certification of Origin (CI-COO) document is added into report list. This report is generated when Express and Ground USMCA shipment transaction is done with tag 2404 with value Y.

This report is similar to Commercial Invoice (CI) with introduction of few important fields as follows:

Declaration Statements

- I certify that the goods described in this document qualify as originating and the information contained in this document is true and accurate. I assume responsibility for proving such representations and agree to maintain and present upon request or to make available during a verification visit, documentation necessary to support this certification.

- I declare that all the information contained in this invoice to be true and correct.

Digital Signature

Digital signature is incorporated in this report. You can sign this report digitally.

Invoice No (tag 3002- Shipment Invoice number)

This tag displays the invoice number of the shipment.

Purchase Order No (tag 3001- Shipment Purchase Order Number)

This tag displays the purchase order number of the shipment.

Tax ID

Tax ID number of shipper/certifiers for specific country is displayed on the report.

List of Tax ID's displayed on the report:

- Tag 2167 USMCA/T-MEC/CUSMA Producer Tax ID

- Tag 1295 USMCA/T-MEC/CUSMA Exporter Tax ID

- Tag 180 USMCA/T-MEC/CUSMA Importer Tax ID

Phrase for US imports only

When a 020 USMCA/T-MEC/CUSMA shipping transaction is received, and the import country is the U.S. (United States) then following phrase is displayed:

"This invoice must be completed in English."

Special Instructions (tag 693- USMCA/T-MEC/CUSMA Commercial Invoice - Certification of Origin Special Instructions)

This tag displays any kind of special instructions for the shipment. The special instructions are specifically defined by any party affiliated with the shipment (shipper, recipient, exporter, importer, producer).

Purpose of Shipment (tag 2397- Purpose of Shipment Code)

This tag prints on Commercial Invoice (CI) or Pro forma Invoice or USMCA/T-MEC/CUSMA Commercial Invoice Certification of Origin (CI-COO) when valid values are entered.

8.9 General Agency Agreement (GAA) form

FedEx U.S. shippers are required to fill out a Canada Customs General Agency Agreement (GAA) form when shipping across the U.S.-Canada border. This section describes the transaction fields that support the shipper in filling in the data and generating the GAA form.

8.9.1 Generating a GAA form

You can generate a General Agency Agreement (GAA) form for International Ground shipments from U.S. to Canada and Canada to U.S.

Use Field 1373 (Report Code) set to 059 (GAA Form) to indicate that you want to generate the General Agency Agreement (GAA) form.

Reprinting a GAA Form

The General Agency Agreement (GAA) form prints three copies and instructions.

To reprint the GAA form

1. Open the Report Viewer Utility.
2. In the left pane, expand Meter Number and select the meter to use.
3. Select Shipment Reports.
4. Select **Ground.**
5. Double-click **Ground GAA**.
6. Select **File** > **Print**.
7. Specify a printer device and print the report.

   Note: As an alternative choice, you can create a 095 Reprint Request transaction to print the report.

8.9.2 General Agency Agreement form sample

The following figure shows a sample FedEx General Agency Agreement (GAA) form.

Figure 13: General Agency Agreement form

```
NAME:

TITLE:

COMPANY:

STATUS: EXPORTER:_____      PRODUCER:_____ OF THE CERTIFIED GOODS (check one)

TELEPHONE: _____FAX: _____

SIGNATURE: _____DATE_____
```

9 FedEx Freight International services

FedEx Freight®, which consists of FedEx Freight Priority and FedEx Freight Economy International services, is for shippers with high-value or time-critical shipments who need to plan on fast delivery, on a specific day, for ground shipments to a variety of locations in the United States, Puerto Rico, Canada and Mexico, along with intra-Canada and intra-Mexico shipments. Choose from several different service options to pick the delivery time that fits your degree of urgency.

With both FedEx Freight Priority and FedEx Freight Economy, you can ship palletized or non-palletized freight of up to 20,000 lbs. in weight and 20 feet in length.

Count on FedEx International Freight® for your fast transit and basic shipping needs. Whether you need value-added FedEx Freight solutions, such as FedEx Freight Advance Notice®, or an economical freight solution, you can count on us to take care of you and your customers.

FedEx Freight services provide customers a direct transportation link to their customers throughout the contiguous United States, Canada, Mexico and Puerto Rico.

9.1 Freight customs documents

The following functionality changes are made to Freight customs documents.

- To print Freight customs documents on the FSMS device, PDF is the only 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 87: Freight customs documents

Freight Customs Document	Filename
Universal Commercial Invoice	Commercial_Invoice_[PRONUMBER].pdf
Certification of Origin	Certification_Origin_[PRONUMBER].pdf
USMCA/T-MEC/CUSMA Certification of Origin	USMCA/T-MEC/CUSMA_Certification_[PRONUMBER].pdf

9.2 FedEx Freight International (LTL) service areas

The following Less-than-a-Truckload (LTL) FedEx Freight international services are available.

- FedEx Freight® Priority is supported for shipments within or from the:
  - United States
  - Canada
  - Mexico
- FedEx Freight® Economy is supported for shipments within or from the United States.

Note: FedEx Freight Economy is not allowed for a United States to Mexico shipment.

- FedEx Freight international (LTL) is available in the following service areas:
    - Alaska to Hawaii (HI), Canada, Mexico and Puerto Rico
    - Canada to Canada, Alaska, Hawaii, Puerto Rico and United States
    - Hawaii to Canada, Mexico, Puerto Rico and United States
    - Mexico to Mexico, Alaska, Hawaii, Puerto Rico and United States
    - Puerto Rico to Alaska, Canada, Hawaii, Mexico and United States
    - United States to United States, Alaska, Hawaii, Canada, Mexico and Puerto Rico
- FedEx Freight is not available in the following service areas.
    - Canada to Mexico
    - Puerto Rico to Puerto Rico
    - Alaska to Alaska
    - Hawaii to Hawaii
    - Mexico to Canada

9.2.1 FedEx Freight HazMat shipping service areas

FedEx Freight HazMat shipping is limited to the following service areas.

- Alaska to United States
- Alaska to Canada
- Canada to Canada
- Canada to United States
- Canada to Alaska
- Canada to Hawaii
- Canada to Puerto Rico
- Hawaii to United States
- Hawaii to Canada
- Puerto Rico to United States
- Puerto Rico to Canada
- United States to Canada
- United States to Hawaii
- United Stated to Alaska
- United States to Puerto Rico

9.2.2 Canada provinces

Table 88: List of Canadian provinces supported with FedEx Freight.

Alberta	Newfoundland	Prince Edward Island
British Columbia	Nova Scotia	Quebec
Labrador	Northwest Territories	Saskatchewan
Manitoba	Nunavut	Yukon Territory
New Brunswick	Ontario	

9.2.3 Mexico states

Table 89: List of Mexico (MX) states supported with FedEx Freight

Aguascalientes	Distrito	Mexico	San Luis Potosi
Baja California	Durango	Nayarit	Sonora
Baja California Sur	Guerrero	Nuevo Leon	Tabasco
Chihuahua	Guanajuato	Oaxaca	Tlaxcala
Colima	Hidalgo	Puebla	Tamaulipas
Campeche	Jalisco	Quintana Roo	Veracruz
Coahuila	Michoacán	Queretaro	Yucatan
Chiapas	Morelos	Sinaloa	Zacatecas

Note: You can specify the optional Mexico Colony value in Field 14 (Recipient Address Line 2).

9.3 FedEx Freight International brokerage inclusion information

FedEx Freight® International (LTL) shipments does not consist of brokerage Inclusion which is a Customs clearance system option. A Bill of Lading (BOL) document is always required as this is a contract to move the freight shipment. A commercial invoice (CI) is also required to clear non-document packages through Customs. However, since FedEx Freight does not handle the clearance entry, they do not always receive the commercial invoice. Shippers can send the commercial invoice to their broker. The following brokerage information applies when you designate a broker for customs clearance.

- Canada - If FedEx Freight receives the commercial invoice then Freight International Services (FIS) will review the commercial invoice and forward it on to the designated broker for

clearance entry. If FedEx receives the commercial invoice, then you must indicate the name and information of the broker who will clear the freight.

- Mexico - If FedEx Freight, receives the commercial invoice then it will be delivered with the freight shipment to the designated broker/freight forwarder on the U.S. side of the border. The broker then makes the clearance entry, moves the freight into Mexico and delivers it back to FedEx Freight for final movement and delivery in Mexico. In the rare event that a FedEx Freight trailer crosses the Mexico border, FedEx Freight does not handle the clearance at the border. Clearance is always handled by the broker or the cartage agent. If FedEx receives the commercial invoice, then you must indicate the name and information of the export and import broker who will clear the freight shipment.

Note: FedEx Express® International and FedEx International Ground® have some options to ship freight to Canada and Mexico where FedEx will handle the entire entry process.

9.4 Affected transactions

The following transactions are affected by the FedEx Freight changes.

Related Topics:

- [020/120 Global Ship Request/Reply](#)
- [023/123 Global Delete Request/Reply](#)
- [024/124 Shipment Query Request/Reply](#)
- [037/137 Email Label Request/Reply](#)
- [050/150 Service Types and Special Services Request/Reply](#)
- [060/160 Freight Create BOL Request/Reply](#)
- [070/170 Meter Query or Configuration Request/Reply](#)
- [095/195 Label Reprint Request/Reply](#)

9.4.1 020/120 Global Ship Request/Reply

Use the 020 Global Ship Request transaction to specify the Destination Control Statement (DCS) print type and to request a Tendered Notification for the FedEx Freight international service areas.

Destination Control Statement

The current ability to specify whether the Department of State, Department of Commerce or both Destination Control Statements apply to a shipment is extended to the Freight shipments originating in the U.S. and Puerto Rico.

Tendered Notification

Use the following fields, set to Y in the 020 Global Ship Request transaction to request a Tendered Notification for outbound shipments.

- Field ID 5600 (Sender Tendered Notification Flag)
- Field ID 5601 (Recipient Tendered Notification Flag)
- Field ID 5603 (Other Tendered Notification)
- Field ID 5602 (Broker Tendered Notification Flag)

9.4.2 023/123 Global Delete Request/Reply

Delete a BOL that was created for any of the FedEx Freight service areas using the 023 Global Delete Request transaction. Set Field ID 29 (Tracking Number) with the PRO number or set Field ID 6264 (LTL Freight Shipment Index) with the unique FSMS generated shipment number, and set Field ID 3025 (Carrier Update BOL Format Code) to the FXFR value, along with all other required and optional data.

The length of time that the BOL can be deleted is driven by the history retention interval and purge time on the Systems Settings tab in the FedEx Configuration Utility.

9.4.3 024/124 Shipment Query Request/Reply

Set Field ID 1689 (Shipment Query Code) to the value of **FRA**, and set Field ID 29 (Tracking Number) with the PRO Number, or set Field ID 6266 (LTL Freight Shipment Index) to a valid value, along with all other required and optional data, to confirm whether or not a re-attempted upload of the BOL was successful.

9.4.4 037/137 Email Label Request/Reply

Request a Tendered Notification using the following fields in 037 Email Label Request transaction with a value of Y or N, along with all other required and optional data:

- Field ID 5600 (Sender Tendered Notification Flag)
- Field ID 5601 (Recipient Tendered Notification Flag)
- Field ID 5603 (Other Tendered Notification)

9.4.5 050/150 Service Types and Special Services Request/Reply

Return the requested data in an 050 Service Types and Special Services Request transaction for FedEx Freight international service areas based on the specified value in Field ID 1989 (Transaction Function). Set Field ID 1989 to either 01 — Service Type, 02 — Special Service/Accessorial Name, or 03 — Service and Packaging Type, or set Field ID 1993 (Shipping Type Indicator) and Field ID 1274 (Service Type) with a value of 112 — FedEx Freight Priority, or set Field ID 113 (FedEx Freight Economy) along with all other required and optional data.

Note:

- *Field ID 1997 (Contractual Service Indicator) does not apply to the Field ID 1274 service type values.*
- *Field ID 1993 (Shipping Type Indicator) and its values D- Domestic, I- international, B – Both can be used based on requirement.*

9.4.6 060/160 Freight Create BOL Request/Reply

Create a Bill of Lading (BOL) using the 060 Freight Create BOL Request transaction. See the FedEx Ship Manager® Server Transaction Coding Reference Guide for a complete list of required and optional fields to create a BOL and schedule an optional pickup.

The following BOL functions are supported for the FedEx Freight international service areas.

- System Generated PRO Number (Freight tracking number)
- Preassigned PRO Number
- LTL Freight Shipment Index Assigned as a result of PRO Number Failure

- Delivery and Exception notifications

Note: The Ship Alert notification is no longer supported for FedEx Freight and FedEx Ground® Economy.

- Single Destination Pickup Request

Note: You cannot cancel or update a pickup request that was created in 060 Freight Create BOL Request transaction. You must call FedEx to cancel or update a previously scheduled pickup.

- Print BOL at Ship Time

Alternate Billing

Use the Alternate Billing fields to designate Alternate Billing information to indicate where physical bills should be mailed to for payment. These fields only apply when using Field ID 6116 (Freight Payor Role/Type) with a value of 1 — Shipper or 2 — Consignee. The Alternate Billing information will print in the "Bill Freight Charges To" section of the Bill of Lading (BOL). See the FedEx Ship Manager® Server Transaction Coding Reference Guide for detailed information on these fields.

Bill of Lading

- Line Item Description - Use the required Field ID 6246 (Line Item Description) to describe the contents of each line item on the BOL instead of the existing Field ID 79 (Description of Contents) in an 060 Freight Create BOL Request transaction. Field ID 79 (Description of Contents) will now be used for its original purpose to indicate the Commodity Description for the international FedEx Freight shipments.

  Note: The existing FedEx Express and FedEx Ground vague commodity descriptions apply to the FedEx Freight international service areas. See the Vague Commodity Descriptions in the FedEx Ship Manager® Server Transaction Coding Reference Guide for more information.

- Page Number - FSMS will print the page count "1 of X" in the top right corner of all BOL's even if the BOL is a single page.

- Supplemental Pages - The limit for automated BOL creation is increased to 50 line items and 10 special services, which created the need for supplemental pages. The following four blank supplemental pages will be stored in the FedEx/FedEx_Forms folder to allow the blank images to be printed locally as a PDF format. You must have the PDF Reader software installed to print the blank PDF forms.

  o Uniform_Straight_BOL_Supplemental_Page

  o Mexico_BOL_Supplemental_Page

  o Mexico_Service_Order_Supplemental_Page

  o Canada_BOL_Supplemental_Page

COD Currency Type

When processing a U.S. to Canada or Canada to U.S. COD FedEx Freight Shipment in an 060 Freight Create BOL Request transaction, specify Field ID 2920 (COD Currency Type) as either **USD** or **CAD** if Field ID 27 (COD Flag) is set to **Y**, and Field ID 53 (COD Collect Amount) is set with a valid value, and Field ID 50 (Recipient Country) is set to **CA** or **U.S.**, along with all other required and optional data, to request a specific currency for a COD Freight shipment. The currency type will print following the COD dollar amount on the same line. If not provided in the transaction or the field is blank, then FSMS defaults it to the currency type of the destination country.

Email Document Options

You can now email shipment paperwork, including customs documentation, by specifying any

combination of values for Field ID 6162 (Email Document Indicator) in a 060 Freight Create BOL Request transaction.

- If value 3 - Customs Documentation is specified, then all documents created for that particular BOL shipment will be emailed. The three possible Customs Documents that can be emailed are the Commercial Invoice, Certification of Origin (COO), and the USMCA/T-MEC/CUSMA COO.

  Note: The thermal FedEx Freight shipping labels cannot be emailed. However, the Thermal image on plain paper, including the 4 Quad image, can be emailed.

- Documents can be emailed to any combination of Field ID 6163 values, including the Broker value.
  - o 1 — Shipper
  - o 2 — Consignee
  - o 3 — Third Party
  - o 4 — Others (up to 3) - use for the Export Broker
  - o 5 — Broker

Freight Account Number

The maximum length for Field ID 6139 (FXF Account Number) is 9; however, both 8-digit and 9-digit Freight account numbers are supported. Only the last four digits of the account number will print on the BOL. The other digits will be replaced with an "X".

Optional Brokers

Specify one optional Broker for the following FedEx Freight international service areas:

- U.S.to CA or MX
- CA to U.S.

Specify two optional Brokers for a MX to U.S. FedEx Freight shipment:

- Specify an Export Broker for the shipment portion traveling from a valid Mexico city to the Mexican border using the following fields:
  - o 6234 — Export Broker Contact Name
  - o 6235 — Export Broker Company Name
  - o 6236 — Export Broker Address Line 1
  - o 6237 — Export Broker Address Line 2
  - o 6238 — Export Broker City
  - o 6239 — Export Broker State/Province
  - o 6240 — Export Broker Zip/Postal Code
  - o 6241 — Export Broker Country Code
  - o 6242 — Export Broker Telephone Number
- Specify an Import Broker for the shipment portion traveling from the Mexican border to a U.S. destination using the existing FedEx Express Broker fields.

Optional Ship Date

You can now use Field ID 24 (Ship Date) in a 060 Freight Create BOL Request transaction to print the

Date field on the BOL. Otherwise, the system date of the device will print on the BOL.

Print Blank PDF Forms

These blank documents will be stored in a local folder called FedEx/FedEx_Forms.

Note: You must have a PDF Reader software installed on your box to print the blank PDF forms.

Table 90: List of blank image documents to be printed locally in PDF format

Form Name	PDF Filename
Canada BOL	Canada_BOL.pdf
Canada Customs Invoice	CA_Customs_Invoice.pdf
Canada Quick Pass	CA_Quick_Pass.pdf
Certification of Origin	Certification_Origin.pdf
Mexico BOL	Mexico_BOL.pdf
Mexico Service Order	Mexico_Svc_Order.pdf
USMCA/T-MEC/CUSMA Certification of Origin	USMCA/T-MEC/CUSMA_Certification.pdf
Uniform Straight BOL	Uniform_BOL.pdf
Universal Commercial Invoice	Commercial_Invoice.pdf
U.S. 7512 Form	US_7512.pdf
VICS BOL	VICS_BOL.pdf

Rating

An attempt to calculate a rate based on the account number supplied in a 060 Freight Create BOL Request transaction will be made for the FedEx Freight service areas, except for off-shore service areas, and will be returned in a 160 Freight Create BOL Reply transaction. However, only the discounted (account) rates will be returned. The BOL processing will not fail if a rate is not returned.

Dimensions are required for intra-Mexico FedEx Freight shipments to obtain a rate. If cubic feet is specified in Field ID 6101 (Shipment Volume) or the dimensions are specified in Field ID 57 (Package Height), Field ID 58 (Package Width), and Field ID 59 (Package Length), then the CUBE column on the BOL will be set. Field ID 6244 (Volume Type) is also required.

> *Note: The cubic feet, volume, and dimension elements are optional for all other FedEx Freight shipments.*

The ability to expose rate details for each leg of a multi-leg rate that is returned for a MX to U.S. and a U.S. to MX FedEx Freight shipment, including an overall total of both legs is now available.

This is dependent upon the details returned in the Web Service reply. Use the following fields, in addition to the existing FedEx Freight rating fields, to obtain a multi-leg rate. Field ID 37 (Net Charge) will contain the overall total of both legs.

- 6222— Rate Leg Description
- 6223— Rate Leg Sub-Total

International Shipment Documents

Set Field ID 2404 (Shipment Document Flag) to one of the following values to request and print an international shipment document in a 060 Freight Create BOL Request transaction:

- 1 — Commercial Invoice

Field ID 4683 (Bill of Lading Number) is the only additional field that can be optionally set in the 060 Freight Create BOL Request transaction when requesting a Commercial Invoice.

- 3— Certification of Origin
- 5 — USMCA/T-MEC/CUSMA COO

Weight Units

The supported weight units for all the FedEx Freight shipments are pounds and kilograms. Indicate the unit of weight used for the shipment using Field ID 75 (Weight Units). If this field is not specified, then it is defaulted based on the following service areas:

- U.S.to U.S., CA, or MX — default = lbs.
- CA to U.S. or CA — default = kgs.
- MX to MX or U.S.— default = kgs.

070/170 Meter Query or Configuration Request/Reply

For the FedEx Freight service areas, configure the Doc-tab settings, update the Labels Settings, and update the BOL Format Report Settings in the FedEx Ship Manager® Server Configuration Utility using the 070 Meter Query or Configuration Request transaction.

Digital Letterhead and Signature

Specify a digital letterhead or signature to the Universal Commercial Invoice and the Certificate of Origin using the Report Settings tab or the 070/170 Meter Query or Configuration Request/Reply transaction. Only one digital letterhead or signature applies to a single meter number. See "Configuring

Report Settings in the FedEx Ship Manager® Server Installation and Configuration Guide.

Note: CI Company Letterhead Header functionality for the Freight customs documents will no longer be available

Valid dimensions for Signature and Letterhead images

The valid dimensions for Signature and Letterhead images are:

- MAX_SIGNATURE_HEIGHT = 25 pixels
- MAX_SIGNATURE_WIDTH = 240 pixels
- MAX_LETTERHEAD_HEIGHT = 50 pixels
- MAX_LETTERHEAD_WIDTH = 700 pixels
- Image file size limit to be set to 1 MB

Doc-tab Fields

Set Field ID 1619 (Doc tab Type) to the existing LTL Freight value, set Field ID 3121 (Doc tab Value) to any Freight value, along with all other required or optional data, to configure the **Doc-tab Fields** for **LTL Freight** on the Doc-tab Settings tab.

Number of Label Copies

Set Field ID 6117 (LTL Freight Label Number of Copies) to a maximum value of 500 along with all other required data to update the **Label Copies** field in the **LTL Freight** section of the Labels Setting tab.

Update BOL Format

Set Field ID 6167 (BOL Format) to the existing value of Uniform along with all other required and optional data to update the **BOL Format** field on the Report Settings tab.

When the Uniform value is present as the BOL Format type, FSMS will determine which BOL form should be printed: Canada BOL, Mexico BOL, or Mexico Service Order, at the time of shipment based on the origin and destination pair that is specified in the transaction.

The VICS format type will continue to be used for U.S. to U.S. FedEx Freight shipments only.

9.5 Rules

The following rules apply to FedEx Freight shipments.

- Default Commodity Information
- If you chose to create your own Commercial Invoice and do not pass in the required commodity information, then FSMS will upload the following default information:
    - Commodity Description in Field 6246 (Line Item Description)
    - Country of Manufacture in Field 117 (Sender Country)
    - Total Customs Value in Field 119 (Total Commodity Customs Value)
    - Quantity to 1
    - Unit of Measure to PCS (Pieces)

- EIN/Tax ID Number Not Required - The Employer Identification Number (EIN)/Tax ID number is not required for international FedEx Freight shipments.

- Electronic Export Information - The ability to apply the required EEI (Electronic Export Information) citation or exemption is supported for International FedEx Freight shipments originating from the United States or Puerto Rico destined to Canada or Mexico. This value will print on the BOL and Commercial Invoice.

- Required Fields - When submitting a FedEx Freight shipment via the 060/160 Freight Create BOL Request/Reply transaction, include the required fields. See the 060 Freight Create BOL Request and the FedEx Ship Manager® Server Transaction Coding Reference Guide for more information.

- Third Party Billing - When using Field 6116 (Freight Payor Role/Type), you can specify a payment type of **3** — Third Party, which will print in the "Bill Freight Charges To" section of the Bill of Lading (BOL). If Field 6116 is set to 1 – Shipper, then you can also use the Alternate Billing fields to designate alternate billing information.

- Weight Units - Indicate the unit of weight for the shipment using Field 75 (Weight Units). If this field is not specified, then it is defaulted based on the following service areas:

  - U.S. to U.S., CA, or MX — default = lbs

  - CA to U.S. or CA — default = kgs

  - MX to MX or U.S. — default = kgs

  -

Related Topics: 060/160 Freight Create BOL Request/Reply

9.6 Restrictions

The following restrictions apply to FedEx Freight shipments.

- Update or Cancel a Pickup Request

- You cannot update or cancel a pickup request that was created in a 060 Freight Create BOL Request transaction. You must call FedEx to cancel or update a previously scheduled pickup.

9.7 Labels

A 4-quadrant label type is supported for FedEx Freight that will produce 4 identical 3.5" x 5" thermal label images on one 8 1/2" x 11" piece of plain paper using the following format values in Field ID 187 (Label Format Value/Printer Type):

- 4QP — 3.5" x 5" PDF

- 4QL — 3.5" x 5" PNG

- 4QD — 3.5" x 5" DIB

Note: Only one 8 1/2" x 11" image with 4 identical labels will be returned in the 160 Freight Create BOL Reply or 195 Label Reprint Reply transaction. You must indicate how many additional labels should be printed at ship time.

The number of copies indicated in Field ID 6117 (LTL Freight Label Number of Copies) is increased to a

maximum of 500 copies. This includes thermal labels, thermal label image on plain paper, customizable labels, and the 4-quadrant label format.

- If you indicate PDF or PNG in Field ID 187 (Label Format Value/Printer Type), then the freight label will be stored as such in a user-designated file. The file remains indefinitely or until you remove it. If you do not indicate where the PDF or PNG file should be stored, then it will be stored in a FSMS-designated location.

- If you indicate the DIB format type, then the freight label will either be printed to the printer designated in Field ID 537 (Thermal Printer Identifier/Label Buffer File Path) or to a configured printer.

- If you indicate the 4 Quadrant label format, then the number of labels printed corresponds to the number set on the Label Settings tab in the FedEx Configuration Utility. One 8 1/2" x 11" sheet with 4 labels on it represents 4 copies; therefore, the total number of 8 1/2" x 11" sheets of labels that prints is dependent upon what is specified in the Label Copies field in the LTL Freight section on the Label Settings tab.

Note: A print starting position cannot be indicated when printing the 4 Quadrant label format.

9.8 Reports

There are three new types of Bill of Lading that can be used for FedEx Freight® Priority and FedEx Freight® Economy. FedEx Ship Manager® Server will determine which FedEx Freight BOL format type will be printed based on the origin and destination specified in the 060 Freight Create BOL Request transaction using Field ID 6167 (BOL Format).

- The Straight [Uniform] BOL) type can now be used in the following service areas:
  - United States to Canada and Puerto Rico
  - Puerto Rico to United States, Canada, and Mexico

- The Canada (CA) BOL applies to the following service areas:
  - Canada to United States (48 states)
  - Canada to Canada
  - Canada to Puerto Rico

- The Mexico BOL applies to the United States to Mexico service area and does not include Puerto Rico to Mexico.

- The Mexico Service Order applies to the following service areas:
  - Mexico to Mexico
  - Mexico to United States, including Mexico to Puerto Rico

Note: You can provide the optional Mexico Colony value as input in the existing Address Line 2 value.

The BOL format types (Canada, Mexico, and Mexico Service Order) will not be added to the BOL Format field on the Report Settings tab. Instead, set the BOL Format type to the existing Uniform option in the 070 Meter Query or Configuration Request transaction. See the 070/170 Meter Query or Configuration Request/Reply for more information.

*Note: The **VICS** (Voluntary Inter industry Commerce Standards) format type will continue to be used for U.S. to U.S. FedEx Freight shipments only.*

You have the option to print or not print the additional Terms and Conditions page that is automatically returned for each BOL format using Field ID 6221 (Terms and Conditions Flag).

Related Topics: 070/170 Meter Query or Configuration Request/Reply.

9.9 Freight shipping documents samples

This section provides screenshots of Freight Shipping documents such as:

- Commercial Invoices
- USMCA/T-MEC/CUSMA
- Uniform Straight BOL
- VICS BOL

Figure 14: Sample commercial invoice with data and field ids

Figure 15: United States-Mexico-Canada Agreement (USMCA/T-MEC/CUSMA) Certification of Origin sample with data

Figure 16: Uniform Straight BOL with data and field ids

Figure 17: Uniform Straight BOL with data and field ids, continued

Figure 18: Uniform Straight BOL with data and field ids, continued

UNIFORM STRAIGHT BILL OF LADING
Terms & Conditions

Sec. 1. (a) The carrier or the party in possession of any of the property described in this bill of lading shall be liable as at common law for any loss thereof or damage thereto, except as hereinafter provided.

(b) No carrier shall be liable for any loss or damage to a shipment or for any delay caused by an Act of God, the public enemy, the authority of law, or the act or default of shipper. Except in the case of negligence of the carrier or party in possession, the carrier or party in possession shall not be liable for loss, damage or delay which results: when the property is stopped and held in transit upon request of the shipper, owner or party entitled to make such requests; or from faulty or impassible highway, or by lack of capacity of a highway bridge or ferry; or from a defect or vice in the property; or from riots or strikes. The burden to prove freedom from negligence is on the carrier or the party in possession.

Sec. 2. Unless arranged or agreed upon, in writing, prior to shipment, carrier is not bound to transport a shipment by a particular schedule or in time for a particular market, but is responsible to transport with reasonable dispatch. In case of physical necessity, carrier may forward a shipment via another carrier.

Sec. 3. (a) As a condition precedent to recovery, claims must be filed in writing with: any participating carrier having sufficient information to identify the shipment.

(b) Claims for loss or damage must be filed within nine months after the delivery of the property (or, in the case of export traffic, within nine months after delivery at the port of export); except that claims for failure to make delivery must be filed within nine months after a reasonable time for delivery has elapsed.

(c) Suits for loss, damage, injury or delay shall be instituted against any carrier no later than two years and one day from the day when written notice is given by the carrier to the claimant that the carrier has disallowed the claim or any part or parts of the claim specified in the notice. Where claims are not filed or suits are not instituted thereon in accordance with the foregoing provisions, no carrier shall be liable, and such claims will not be paid.

(d) Any carrier or party liable for loss of or damage to any of said property shall have the full benefit of any insurance that may have been effected, upon or on account of said property, so far as this shall not avoid the policies or contracts of insurance, PROVIDED, that the carrier receiving the benefit of such insurance will reimburse the claimant for the premium paid on the insurance policy or contract.

Sec. 4. (a) If the consignee refuses the shipment tendered for delivery by carrier or if carrier is unable to deliver the shipment, because of fault or mistake of the consignor or consignee, the carrier's liability shall then become that of a warehouseman. Carrier shall promptly attempt to provide notice, by telephonic or electronic communication as provided on the face of the bill of lading, if so indicated, to the shipper or the party, if any, designated to receive notice on this bill of lading. Storage charges, based on carrier's tariff, shall start no sooner than the next business day following the attempted notification. Storage may be, at the carrier's option, in any location that provides reasonable protection against loss or damage. The carrier may place the shipment in public storage at the owner's expense and without liability to the carrier.

(b) If the carrier does not receive disposition instructions within 48 hours of the time of carrier's attempted first notification, carrier will attempt to issue a second and final confirmed notification. Such notice shall advise that if carrier does not receive disposition instructions within 10 days of that notification, carrier may offer the shipment for sale at a public auction and the carrier has the right to offer the shipment for sale. The amount of sale will be applied to the carrier's invoice for transportation, storage and other lawful charges. The owner will be responsible for the balance of charges not covered by the sale of the goods. If there is a balance remaining after all charges and expenses are paid, such balance will be paid to the owner of the property sold hereunder, upon claim and proof of ownership.

(c) Where carrier has attempted to follow the procedure set forth in subsections 4(a) and (b) above and the procedure provided in this section is not possible, nothing in this section shall be construed to abridge the right of the carrier at its option to sell the property under such circumstances and in such manner as may be authorized by law. When perishable goods cannot be delivered and disposition is not given within a reasonable time, the carrier may dispose of property to the best advantage.

(d) Where a carrier is directed by consignee or consignor to unload or deliver property at a particular location where consignor, consignee, or the agent of either, is not regularly located, the risk after unloading or delivery shall not be that of the carrier.

Sec. 5. (a) In all cases not prohibited by law, where a lower value than the actual value of the said property has been stated in writing by the shipper or has been agreed upon in writing as the released value of the property as determined by the classification or tariffs upon which the rate is based, such lower value plus freight charges if paid shall be the maximum recoverable amount for loss or damage, whether or not such loss or damage occurs from negligence.

(b) No carrier hereunder will carry or be liable in any way for any documents, coin money, or for any articles of extraordinary value not specifically rated in the published classification or tariffs unless a special agreement to do so and a stipulated value of the articles are endorsed on this bill of lading.

Sec. 6. Every party, whether principal or agent, who ships explosives or dangerous goods, without previous full written disclosure to the carrier of their nature, shall be liable for and indemnify the carrier against all loss or damage caused by such goods. Such goods may be warehoused at owner's risk and expense or destroyed without compensation.

Sec. 7. (a) The consignor or consignee shall be liable for the freight and other lawful charges accruing on the shipment, as billed or corrected, except that collect shipments may move without recourse to the consignor when the consignor so stipulates by signature or endorsement in the space provided on the face of the bill of lading. Nevertheless, the consignor shall remain liable for transportation charges where there has been an erroneous determination of the freight charges assessed, based upon incomplete or incorrect information provided by the consignor.

(b) Notwithstanding the provisions of subsection (a) above, the consignee's liability for payment of additional charges that may be found to be due after delivery shall be as specified by 49 U.S.C. §13706, except that the consignee need not provide the specified written notice to the delivering carrier if the consignee is a for-hire carrier.

(c) Nothing in this bill of lading shall limit the right of the carrier to require the prepayment or guarantee of the charges at the time of shipment or prior to delivery. If the description of articles or other information on this bill of lading is found to be incorrect or incomplete, the freight charges must be paid based upon the articles actually shipped.

Sec. 8. If this bill of lading is issued on the order of the shipper, or his agent, in exchange or in substitution for another bill of lading, the shipper's signature on the prior bill of lading or in connection with the prior bill of lading as to the statement of value or otherwise, or as to the election of common law or bill of lading liability shall be considered a part of this bill of lading as fully as if the same were written on or made in connection with this bill of lading.

Sec. 9. If all or any part of said property is carried by water over any part of said route, such water carriage shall be performed subject to the terms and provisions and limitations of liability specified by the "Carriage of Goods By Sea Act" and any other pertinent laws applicable to water carriers.

Figure 19: VICS BOL

Figure 20: VICS BOL, continued

Figure 21: VICS BOL, continued

9.10 FedEx Freight International transaction samples

Each transaction sample includes required fields for shipping FedEx Freight international packages plus examples of the following field usage.

- Multiple-occurrence fields0020
- Reference fields
- Hazardous materials service option

The following sample codes show a 060 Global Ship Request transaction for a FedEx Freight Priority shipment.

0,"060"1,"Step_69"4,"BESA LIGHTING"5,"6695 TAYLOR RD"7,"BLACKLICK"8,"OH"9,"43004"11, "ENERFLEX SYSTEM LTD"12,"Bruce Bucher"13,"6328 30 ST SE"15,"CALGARY"16,"AB"17,"T2C1V6"18, "9403808200"25,"1234567890"32,"Rafe Devlin"50,"CA"68,"USD"69,"55000"76,"2"78,"55000"79, "paintings"79-2,"paintings"80,"US"82,"5"113,"Y"117,"US"119,"55000"187,"4QL"414,"IN"1030, "550000000"1030-2,"550000000"1145,"FXFR"1203,"Case 70 for BOL"1274,"112"1331,"N"1358,"NO EEI 30.36"1670,"27500"1670-2,"27500"2404,"YNNNN"2931,"4"2931-2,"1"3021,"Level 3 Cycle 4"3021-2, "Level 3 Cycle 4"6101,"20"6101-2,"20"6105,"70.0"6105-2,"70.0"6106,"149420"6106-2,"149420"6107, "1"6110,"NNNNNNNNNNNNNNYNNNNN"6116,"1"6128,"US"6129,"BESA LIGHTING"6130,"6695 TAYLOR RD"6132,"BLACKLICK"6133,"OH"6134,"43004"6135,"800-122-2220"6136,"456"6137, "Test@TEST.COM"6139,"123456789"6142,"1"6142-2,"1"6166,"12"6166-2,"12"6167,"1"6167-2, "1"6246,"paintings"6246-2,"paintings"99,""

0,"060"1,"Step_75"4,"BESA LIGHTING"5,"6695 TAYLOR RD"7,"BLACKLICK"8,"OH"9,"43004"11,"A F THERIAULT & SON LIMITED"12,"Lancelot Beaufort"13,"# 9027 HWY # 1"15,"METEGHAN RIVER"16, "NS"17,"B0W2L0"18,"9403808200"25,"1234567890"32,"Rafe Devlin"50,"CA"68,"USD"69,"55000"76, "2"78,"55000"79,"Glass"79-2,"Glass"80,"US"82,"1"117,"US"119,"55000"187,"PNG"414,"IN"1030, "550000000"1030-2,"550000000"1145,"FXFR"1203,"Case 76 for BOL"1274,"112"1331,"N"1358,"NO EEI 30.36"1670,"27500"1670-2,"27500"2931,"1"2931-2,"1"3021,"Level 3 Cycle 4"3021-2,"Level 3 Cycle 4"6101,"20"6101-2,"20"6105,"150.0"6105-2,"150.0"6107,"1"6110, "NNNNNNNNNNNNNNYNNNNN"6116,"1"6128,"US"6129,"BESA LIGHTING"6130,"6695 TAYLOR RD"6132,"BLACKLICK"6133,"OH"6134,"43004"6135,"800-122-2220"6136,"456"6137, "Test@TEST.COM"6139,"123456789"6142,"2"6142-2,"2"6166,"12"6166-2,"12"6167,"1"6167-2,"1"99,""

 0,"060"1,"OFFshore"4,"PORTONES ELECTRICOS"5,"CARRETERA 307 KM"7,"CABO ROJO"8,"PR"9, "00623"11,"REC_COM"12,"REC_CON"13,"670 N A OHOKU PL"15,"HILO"16,"HI"17,"96720"18, "987654321"25," Domestic FXF PR - US No Guarantee Economy Shipper PR-HI Food"32,"DAN SANCHEZ"50,"US"68,"USD"69,"60000"76,"6"78,"60000"79,"Iron"79-2,"Iron"79-3,"Iron"79-4,"Iron"79-5, "Iron"79-6,"Iron"80,"US"82,"1"117,"US"119,"60000"187,"PNG"414,"IN"1030,"600000000"1145, "FXFR"1203,"Test Case 165 for BOL"1274,"112"1331,"N"1670,"10000"1670-2,"10000"1670-3, "10000"1670-4,"10000"1670-5,"10000"1670-6,"10000"2931,"1"2931-2,"1"2931-3,"1"2931-4,"1"2931-5,"1"2931-6,"1"3021,"Level 3 Cycle 4"3021-2,"Level 3 Cycle 4"3021-3,"Level 3 Cycle 4"3021-4,"Level 3 Cycle 4"3021-5,"Level 3 Cycle 4"3021-6,"Level 3 Cycle 4"6101,"8"6101-2,"8"6101-3,"8"6101-4,"8"6101-5,"8"6101-6,"8"6105,"60.0"6105-2,"60.0"6105-3,"60.0"6105-4,"60.0"6105-5,"60.0"6105-6,"60.0"6107, "1"6110,"NNNNNNNYNNNNNNNNNNNN"6116,"1"6128,"US"6129,"Company"6130,"Address"6132, "City"6133,"PR"6134,"00623"6135,"9876543210"6136,"123"6137,"FXRS@FXRS"6139, "123456789"6142,"3"6142-2,"3"6142-3,"3"6142-4,"3"6142-5,"3"6142-6,"3"6166,"2"6166-2,"2"6166-3, "2"6166-4,"2"6166-5,"2"6166-6,"2"6167,"1"6167-2,"1"6167-3,"1"6167-4,"1"6167-5,"1"6167-6,"1"99,""

0,"060"1,"MX to MX"4,"BATTS DE MEXICO SA DE CV"5,"JULIO DIAZ TORRE 201-A"7, "AGUASCALIENTES"8,"AG"9,"20290"11,"AGUAS DE SALTILLO"12,"Sally Jones"13,"LIBERTAD Y CHARLES S/N"15,"SALTILLO"16,"CO"17,"25060"18,"9403808200"25,"Domestic FXF US - US Guarantee Plus Shipper Prepaid_MX_to_MX_Individual_State_Test_AG"32,"Catalina Santos"50,"MX"69,"00"76, "2"79,"Glass"79-2,"Glass"117,"MX"187,"PNG"1145,"FXFR"1203,"149 for BOL Notification"1204, "Test@syntelinc.com"1274,"112"1331,"N"1670,"27500"1670-2,"27500"2931,"1"2931-2,"1"3021, "4/21/11 0:00_L3C4 TC149"3021-2,"4/21/11 0:00_L3C4 TC149"3056,"PO20110401530"3075, "9766460838"4939,"Hazmat_name"6105,"100.0"6105-2,"100.0"6107,"1"6110, "NNNNNNNNNNNNNNNYNNNNN"6116,"1"6128,"MX"6129,"BATTS DE MEXICO SA DE CV"6130,"JULIO DIAZ TORRE 201-A"6132,"AGUASCALIENTES"6133,"AG"6134,"20290"6135,"870-743-2220"6136, "123"6137,"CHACE.MASON@TEST.COM"6139,"123456789"6142,"2"6142-2,"2"6166,"12"6166-2, "12"6167,"1"6167-2,"1"6234,"AM MEX Int'l"6235,"Belisario Dominguez #2376"6236,"Colonia Obispado"6237,"64060"6238,"NL"6239,"MX"6240,"Monterrey"6241,"Emmanuel Garcia"99,""

9.11 Additional services

Customers can create Drop Off or Pick Up scenarios by passing appropriate combination of values in Drop Off(#1333) and Hold at Location (#1200) tags as below:

- Door to Door:
- Tag 1333 Drop Off = No
- Tag 1200 Hold at Location = No
- Door to Airport:
- Tag 1333 Drop Off = No - schedule pickup/existing regularly pickup
- Tag 1200 Hold at Location = Yes - designate the airport ramp as the pickup location
- Airport to Door:
- Tag 1333 Drop Off = Yes - drop off at the airport ramp
- Tag 1200 Hold at Location = No
- Airport to Airport:
- Tag 1333 Drop Off = Yes - drop off at the airport ramp
- Tag 1200 Hold at Location = Yes - designate the airport ramp as the pickup location

10 FedEx International DirectDistribution surface solutions

FedEx offers DirectDistribution services for those shippers who want to consolidate their FedEx Ground® International Shipments. This is offered for customs clearance at a single entry and also within the destination country. FedEx International DirectDistribution Surface Solutions (IDD) lets you streamline large shipments from Canada and Mexico for distribution in the U.S.

FedEx® International DirectDistribution Surface Solutions service is specific to Canadian shipments. This service allows qualified U.S. shippers to consolidate FedEx Ground shipments for distribution within Canada by either FedEx Logistics or through a broker of your choice. The shipment within Canadian customs clears as a single shipment and is broken down into smaller shipments. After your shipment clears customs you receive access to the full range of FedEx services.

FedEx International DirectDistribution services are contract-only. Contact your FedEx account executive to learn how to get approved for these services.

The following table lists the FedEx International DirectDistribution services that you can implement. FedEx software lets you code shipping transactions to support FedEx International DirectDistribution Surface Solutions services and provides all of the reporting you need for shipping and customs clearances

> Note: Please note that FedEx International Priority DirectDistribution® (IPD), FedEx International Economy DirectDistribution^{SM} (IED) and FedEx International Priority DirectDistribution® Freight (IDF) are the only consolidation services where origin doesn't matter. FedEx International Ground® Distribution (IGD) and FedEx International Ground® DirectDistribution Surface Solutions U.S. to Canada must be based in the United States. FedEx® International DirectDistribution Surface Solutions (IDD Surface) consolidations must be based in Canada or Mexico and a drop-off location ID must be setup for the specified account.

Table 91: FedEx IDD services At-A-Glance

Your Shipping Need	Our Service	Also See...
FedEx Express International DirectDistribution Services		
Consolidate FedEx Express® shipments to clear customs at a single entry and deliver to individual recipients in the destination country.	FedEx International Priority DirectDistribution® (Contract-only Service*)	**FedEx International Priority DirectDistribution**
Clear shipments through customs at a single entry, with delivery to individual recipients in the destination country.	FedEx International Economy DirectDistribution^{SM} Service (Contract-only Service*)	**FedEx International Priority DirectDistribution**
FedEx Ground International DirectDistribution Services		
FedEx International DirectDistribution Surface Solutions	FedEx® International DirectDistribution Surface Solutions (Contract-only	**FedEx International DirectDistribution Surface Solutions**

Your Shipping Need	Our Service	Also See...
	Service*)	
FedEx Express International DirectDistribution Freight Service		
Consolidate shipments from a single origin location to multiple recipients in one destination country using one FedEx® International Air Waybill.	FedEx International Priority DirectDistribution® Freight	**FedEx International Priority DirectDistribution**

After your shipment enters the U.S., the shipment is managed by FedEx U.S. services, including FedEx Express® , FedEx Ground and FedEx Home Delivery.

Table 92: FedEx IDD services - FedEx Express and FedEx Ground services

Your Shipping Need	Our Service	Also See...
FedEx Express Services - International Priority DirectDistribution (IPD)		
First thing the next-business-day morning	FedEx First Overnight®	**FedEx Express U.S. Service**
Next-business-day morning	FedEx Priority Overnight®	
Next-business-day afternoon	FedEx Standard Overnight®	
2 business days	FedEx 2Day®	
Second-business day by 10:30 a.m. to most business areas; for certain shipments to Alaska and Hawaii, delivery is in 3 business days	FedEx 2Day® A.M.	
3 business days	FedEx Express Saver®	
In 1, 2 or 3 business days within the U.S.	FedEx 1Day® Freight, FedEx 2Day® Freight, FedEx 3Day® Freight	
FedEx Ground Services - International DirectDistribution (IDD) Surface Solutions		
Economical ground delivery to businesses	FedEx Ground®	**FedEx Ground U.S. Services**
Economical ground delivery to residences	FedEx Home Delivery®	

10.1 About FedEx IDD surface solutions transactions

FedEx Ship Manager® Server (FSMS) supports shipping transactions for the FedEx International DirectDistribution Surface Solutions service using the 020/120 Global Ship Request/Reply transaction. It also provides the ability to track your shipment, print labels and create reports you need for invoicing, shipping and Customs clearance at the border.

FedEx International DirectDistribution Surface Solutions shipping transactions use the Open Ship function to process U.S.-Canada and U.S.-Mexico shipments. Open Ship shipping functions are described in Open shipping You can also refer to Adding a piece to a FedEx IDD surface solutions shipment and Confirming a FedEx IDD Surface Solutions Shipment.

Refer the FedEx Ship Manager® Server Services and Shipping Guide for information about FedEx International DirectDistribution Surface Solutions service features and details.

10.1.1 Available shipping methods

FedEx International DirectDistribution Surface Solutions uses the Open Ship functions provided by Fields 541 (Open Ship Flags) and 542 (Open Ship Index) in the 020 Global Ship Request transaction.

To prepare FedEx International DirectDistribution Surface Solutions Open Ship shipments, set the flag in Field 541 to the Open Ship function you want to perform. You must perform the functions in a workflow sequence that creates the shipment, adds packages, makes changes, and finally, confirms that the shipment is ready to ship. At the end of your shipping day, perform an End-of-Day Close transaction to close your meters for the day using the 007 End-of-Day Close Request transaction. Table 179 displays code examples for Open Ship Fields 541 and 542. Ensure to read Open shipping before you begin to develop FedEx International DirectDistribution Surface Solutions transactions.

Table 93: FedEx IDD surface solutions Open Ship shipping workflow

Open Ship Workflow	Example
CREATE the FedEx International DirectDistribution Surface Solutions shipment	541,"YNNNNNNNN"542,"00123RCPCA"
ADD packages to shipment	541,"NNNYNNNNN"542,"00123RCPCA"
CONFIRM the shipment (no further changes)	541,"NNNNNNNNY"542,"00123RCPCA"

The following section provides a brief description of FSMS transaction rules for FedEx International DirectDistribution Surface Solutions shipments. In addition to the 020/120 Global Ship Request/Reply transaction set, it describes basic shipping service details required to code FedEx International DirectDistribution Surface Solutions to your shipping specifications.

Refer the FedEx Ship Manager® Server Services and Shipping Guide for information about FedEx International DirectDistribution Surface Solutions service features and details.

10.2 Transaction rules for FedEx IDD surface solutions

Following are the rules applied to FedEx International DirectDistribution Surface Solutions FedEx transactions. These rules include restrictions for package size and weight.

- Currency - You can select a single currency for the customs value of the entire transaction. After FedEx IDD Surface Solutions shipment is opened, the currency selected for the first piece in the shipment remains constant for the other pieces in the shipment.

- Declared Values - Declared value limits are based on the FedEx service you select for the shipment.

- Destination - The Recipient address for a FedEx International DirectDistribution Surface Solutions transaction must be a U.S. address. A valid zip code that corresponds to the city and state entered for the shipment is required.

- Dimension and Weight Types - You can select only a single weight type—pounds (LBS) or kilograms (KGS)—and a single dimension type: inches (IN) if using LBS as the weight type, or centimeters (CM) if using KGS as the weight type. After you create an open FedEx International DirectDistribution Surface Solutions shipment, the weight type you select for the first piece in the shipment is the prevailing type for the rest of the pieces in the shipment.

Note: If you ship packages using FedEx Ground or FedEx Home Delivery, then you must code measurements in pounds (LBS) and inches (IN).

- Number of Commodities - Enter a maximum of 999 commodities (FedEx Express and FedEx Ground, as appropriate) per shipment.

- Number of Pieces - Enter a maximum of 999 pieces (associated with one shipment) for a FedEx International DirectDistribution Surface Solutions shipment.

- Packaging Type Required - For FedEx Express, you must include the Packaging Type in the FedEx International DirectDistribution Surface Solutions transaction. You can use FedEx Express packaging for Express shipments or your own custom packaging. For FedEx Ground, FedEx Home Delivery and FedEx International DirectDistribution Surface Solutions shipments, you must use your own packaging.

- Size and Weight - Enter package size and weight data that does not exceed the current intra-U.S. FedEx Express, FedEx Ground and FedEx Home Delivery size and weight restrictions. For more information about package weight restrictions, refer the FedEx Ship Manager® Server Service and Shipping Guide.

10.3 Transaction fields for FedEx IDD surface solutions

FedEx International DirectDistribution Surface Solutions shipping transactions use the 020 Global Ship Request transaction with the Open Ship function to process U.S.-Canada and U.S.-Mexico shipments.

Table 180 describes the required fields for a FedEx International DirectDistribution Surface Solutions transaction. You may add additional optional fields as required. Use the *FedEx Ship Manager® Server Transaction Coding Reference Guide* to look up field properties for optional fields you include.

Note: If you do not plan to use FedEx Logistics as the Customs broker, see the following table.

Table 94: Required fields for FedEx IDD surface solutions shipping

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
Recipient Address Fields						
11 to 18	Varies	Varies	I	FDXE FDXG FDXT	INTL	Field level: Shipment Optional **Description** - Recipient address fields on the shipment level are not required. - Recipient address fields are only required for the piece.
Ship Date						
24	Max=8	N	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required* **Description** - Date of shipment. - Required for Future Day shipping. Format: CCYYMMDD - Default: Current meter date. - For example, July 1, 2005 is coded as: 20050701 - For FedEx Express, the ship date can be set in advance up to the number of days allowed by the date range in the URSA file; includes IPD, IDF, IED and Returns services. - FedEx Ground and FedEx Home Delivery ship dates can be set up to 90 days in advance, and the ship date can be set to unlimited using the Limit Ground Future Day (90 days) checkbox in the Systems Settings tab of the FSMS Configuration Utility.
Terms of Sale						

| Field ID | Field length | Data type | Input\ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	
72	Max=1	N	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required* **Description** - Indicates the terms of the sale for the shipment. - Valid values are: 1— FCA - Free carrier/free on board 2 — CIP - Carriage and insurance paid to/costs, insurance, and freight 3 — CPT - Carriage paid to/costs & freight 4— EXW - Ex Works 6— DDP - Delivered duty paid 7— DPU - Deliver at Point of Unloading 8— DAP - Delivered at Place 9 — Other *Required if Field 113 is set to Y.
Weight Units						
75	Max=3	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required* or Defaulted. **Description** - Indicates the unit of weight used for the shipment. *Required if your shipment is calculated in kilograms (KGS). - Valid values are: - LBS—Weight in pounds (default for U.S. to U.S.) - KGS—Weight in kilograms (for all

| Field ID | Field length | Data type | Input\ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	
						international) *Note: For intra-U.S. shipments, you may enter the weight in LBS or KGS. If shipping from any U.S. origin to any international destination, then LBS or KGS are required for this tag and must be included in the transaction.*
Description of Contents						
79-#	Max=450	AKE	I	FDXE FDXG FDXT	INTL	Field level: Package Required* **Description** - Description of commodity contents for the shipment. This can be used for free-form entry of document description when Field 2396 (Document Description) is not used. *Required for: - Commodity shipments or for document shipments when Field 190 (Document Shipment Flag) is set to Y and Field 2396 is not used. - General Agency Agreement (GAA) if import shipment. *Note:* - Only 31 characters of this field print on the labels, but 450 characters are available for customer input to be used on their own reports, including the Commercial Invoice. - If both Fields 79 and 2396 are populated in the same transaction, then Field 2396 takes precedence. Field 79 takes precedence for

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
						IPD/IDF/IED shipments.
Country of Manufacture						
80-#	Max=2	A	I	FDXE FDXG FDXT	INTL	Field level: Package Required* **Description** Country code where commodity contents were produced or manufactured in their final form. If using a commercial invoice, this field is used at the commodity level. For this shipment, use MPS. Refer Country Codes in the FedEx Ship Manager® Server Transaction Coding Reference Guide for more information.
Commercial Invoice Print and Upload Flag						
113	Max=1	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required* **Description** - Set the flag to Y to create an individual commercial invoice for each piece of the shipment. *Required for the electronic upload of commercial invoice (CI) data (pre-clearance), VISA data upload, and/or printing of the FedEx commercial invoice (CI). - Valid values are: - Y — Uploads an ECI and/or prints a FedEx CI - N — Does not upload to FedEx or print a FedEx CI - Field 2404 (Shipment Documentation Flag) position 1 (Commercial Invoice) should also be set to Y to generate a

			Input\ Output	FedEx shipping		Description
Field ID	**Field length**	**Data type**		**Carrier Code (Services)**	**Valid for**	
						CI (default). If Field 113 is set to Y, it overrides the value in Field 2404 position 1.
						• If Field 113 is set to Y and Field 2404 position 2 (Pro forma Invoice) is set to Y, then Field 113 becomes primary and FSMS ignores the Pro forma Invoice value.
						Note: An Electronic Commercial Invoice (ECI) will upload only if accepted by the Recipient country. See the FedEx Service Guide for details.
Importer of Record Country Code						
169	Max=2	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Optional **Description** • Code for country on the Importer of Record. • Prints on the standard commercial invoice and the FedEx International Priority Distribution consolidated commercial invoice.
Importer of Record Contact Name						
170	Max=35	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Optional **Description** • Contact name on the Importer of Record. • Prints on the standard commercial invoice and the FedEx International Priority Distribution consolidated commercial invoice.
Importer of Record–Address 1						

				FedEx shipping		
Field ID	Field length	Data type	Input\ Output	Carrier Code (Services)	Valid for	Description
172	Max=100	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Optional **Description** • First line of the address on the Importer of Record. • Prints on the standard commercial invoice and the FedEx International Priority Distribution consolidated commercial invoice.
Importer of Record–Address 2						
173	Max=100	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Optional **Description** • Second line of the address on the Importer of Record. • Prints on the standard commercial invoice and the FedEx International Priority Distribution consolidated commercial invoice.
Importer of Record City						
174	Max=35	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Optional **Description** • City for the address on the Importer of Record. • Prints on the standard commercial invoice and the FedEx International Priority Distribution consolidated commercial invoice.
Importer of Record State/Province						
175	Max=2	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Optional **Description** • Code for the state or province

				FedEx shipping		
Field ID	Field length	Data type	Input\Output	Carrier Code (Services)	Valid for	Description
						of the address on the Importer of Record. • Prints on the standard commercial invoice and the FedEx International Priority Distribution consolidated commercial invoice. • Refer "Value Reference Tables" in the FedEx Ship Manager® Server Transaction Coding Reference Guide for a list of state and province codes.
Importer of Record Postal Code						
176	Max=14	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Optional **Description** • Postal code of the address on Importer of Record. • Prints on the standard commercial invoice and the FedEx International Priority Distribution consolidated commercial invoice.
Importer of Record Phone Number						
178	Max=14	N	I	FDXE FDXG FDXT	INTL	Field level: Shipment Optional **Description** • Phone number on the Importer of Record. • Prints on the standard commercial invoice and the FedEx International Priority Distribution consolidated commercial invoice.
Importer of Record IRS/EIN/VAT/EORI Number						
180	Max=17	A/N	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required* **Description**

				FedEx shipping		
Field ID	Field length	Data type	Input\ Output	Carrier Code (Services)	Valid for	Description
						• Employer Identification Number (EIN), Value Added Tax (VAT) Number or Economic Operator's Registration and Identification (EORI) Number on the Importer of Record. • Prints on the standard commercial invoice and the FedEx International Priority Distribution® consolidated commercial invoice.
Meter Number						

498	Max=9	N	I	FDXE
				FDXG
				FDXT
					INTL	Field level: Shipment
						Required* or Defaulted.
						Description
						• Unique number assigned to a FedEx shipping account, which is used in each transaction to identify the revenue/shipping activity of a shipment. This field ensures the tracking number obtained is from the range assigned in the requesting meter.
						
						• Default: Parent meter number.
						
						• *Required:
						    o If the meter number is different than the meter number configured as the default.
						    o For reprinting reports.
						
						Note: Field ID 10, Account Number, may be used instead of Field ID 498, Meter Number, if there is only one meter per FedEx Express account number on the server. For shipping, use Single Shot, Single Piece, Open Ship, or MPS.
						
						Meter numbers may be any length

				FedEx shipping		
Field ID	**Field length**	**Data type**	**Input\Output**	**Carrier Code (Services)**	**Valid for**	**Description**
						up to nine-digits.
Open Ship Flags						
541	Max=9	A	I	FDXE FDXG FDXT	INTL	Required* • Identifies transaction functions using nine one-byte flags which are set to Y to indicate shipment level or package level flag. • *Required for Open Ship. • Specify Y in the position(s) of the Open Ship functions used for a given transaction. Specify N in all other positions. All flags must be used and must be either Y or N. If you enter all Ns, all Open Ship functions are disabled. • Default: YNNNNNNNY (CREATE and CONFIRM the Open Ship shipment.) • Each one-byte flag is defined in sequence in the following array: o 1 — CREATE an Open Shipment o 2 — ROUTE/Time in Transit o 3 — RATE o 4 — ADD a piece/package o 5 — EDIT a piece/package o 6 — EDIT/ADD data to the entire shipment o 7 — DELETE a package o 8 — DELETE the shipment o 9 — CONFIRM the

				FedEx shipping		
Field ID	**Field length**	**Data type**	**Input\ Output**	**Carrier Code (Services)**	**Valid for**	**Description**
						shipment • For shipping, use Open Ship. • Refer FedEx Ship Manager® Server Developer Guide for shipping rules.
Open Ship Index						

542	Max=9	N	I	FDXE
				FDXG
				FDXT
					INTL	Field level: Shipment
						Required*
						Description
						• Set to the unique number passed in the CREATE transaction. The value is a unique number per Open Ship shipment per meter and represents the Open Ship Index.
						• *Required for Open Ship.
						Note: Field 542 is not required if you are simultaneously performing a CREATE or ADD transaction.
						• Examples of simultaneous transactions are:
						   ○ YYNNNNNNN which performs a shipment level CREATE and Route/Time in Transit transaction.
						   ○ NYNYNNNNN which performs a package level ADD and shipment level Route/Time in Transit together in the same transaction.

Personal Message						
1203	Max=120	A	I	FDXE FDXG FXGE	All	Field level: Shipment except for FedEx® International DirectDistribution Surface Solutions (IDD Surface), FedEx International

				FedEx shipping		
Field ID	**Field length**	**Data type**	**Input\ Output**	**Carrier Code (Services)**	**Valid for**	**Description**
						Priority DirectDistribution® (IPD), FedEx International Priority DirectDistribution® Freight (IDF), and FedEx International Economy DirectDistribution℠ Service (IED). *Note: Field level is Package for FedEx International DirectDistribution Surface Solutions (IDD) and IPD/IDF/IED.* Optional **Description** • Personal customer-specified message that is delivered with all selected notifications (FedEx ShipAlert, delivery, or exception). • Use with Fields 1202 (Recipient's Email Address), 1201 (Sender's Email Address), 1343 (Broker Email Address), and 1204 (Other Email Notification Addresses). *Note: Personal messages are not applicable with wireless formatted notifications. If wireless format is selected for personal message, the personal message will be ignored. Personal messages should only be entered in English characters.*
Service Type						
1274	Min=2 Max=3	N	I/O	FDXE FDXG FDXT	INTL	Field level: Shipment Required* **Description** • Specify the Service type for FedEx International DirectDistribution Surface Solutions. • Must include with Field 541 (Open Ship Flags) in the Open Ship CREATE transaction. • Valid service type is 82 — FedEx International

				FedEx shipping		
Field ID	Field length	Data type	Input\Output	Carrier Code (Services)	Valid for	Description
						DirectDistribution Surface Solutions Service for CA/MX.
Standard Carrier Alphanumeric Code (SCAC)						
1483	Max=4	A/N	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required* **Description** • Four-character identifier of the carrier transporting the FedEx International DirectDistribution Surface Solutions shipment. • *Required for FedEx International DirectDistribution Surface Solutions.
Linehaul Flag						
1484	Max=1	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required* **Description** • Specify Y if you are using FedEx International DirectDistribution Surface Solutions Linehaul. Specify N if you are using your own Linehaul. • If you specify Y, then Field 1498 (FedEx Linehaul Payment Type) and Field 1500 (FedEx Linehaul Account Number) are required. *Note: This field setting must be approved by FedEx Sales and Customer Technology. This field may not be changed without contacting FedEx.*
Alternate Return Address Contact Name						
1485	FDXE and FDXG Max=35	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required* **Description**

				FedEx shipping		
Field ID	**Field length**	**Data type**	**Input\Output**	**Carrier Code (Services)**	**Valid for**	**Description**
	Max=30 for FXGE					• Name of contact on return address. • *Required if 1586 (Print Alternate Return Address Flag) is set to Y and Field 1486 (Return Address Company Name) is not used. • For this shipment, use any method.
Alternate Return Address Company Name						
1486	FDXE and FDXG Max=35 FXGE Max=30	A	I	FDXE FDXG	INTL	Field level: Shipment Required* *Required if 1586 (Print Alternate Return Address Flag) is set to Y and Field 1485 (Return Address Contact Name) is not used. **Description** • Company name on return address. • For this shipment, use any method.
Alternate Return Address Line 1						
1487	Max=100	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required *Required if 1586 (Print Alternate Return Address Flag) is set to Y. **Description** • First line of return address. • For this shipment, use any method.
Alternate Return Address Line 2						
1488	Max=100	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required *Required if 1586 (Print Alternate Return Address Flag) is set to Y. **Description**

				FedEx shipping		
Field ID	**Field length**	**Data type**	**Input\ Output**	**Carrier Code (Services)**	**Valid for**	**Description**
						• Second line of the return address. • For this shipment, use any method
Alternate Return Address City						
1489	FDXE and FDXG Max=35 FXGE Max=30	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required *Required if 1586 (Print Alternate Return Address Flag) is set to Y. **Description** • City name on return address. • For this shipment, use any method.
Alternate Return Address State/Province						
1490	Max=2	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required *Required if 1586 (Print Alternate Return Address Flag) is set to Y and the return address country is U.S. **Description** • State or province on return address. • For this shipment, use any method.
Alternate Return Address Postal Code						
1491	Max=14	A/N	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required *Required if 1586 (Print Alternate Return Address Flag) is set to Y. **Description** • Postal code on return address. • For this shipment, use any method.
Alternate Return Address Phone Number						
1492	Max=14	N	I	FDXE	INTL	Field level: Shipment

| Field ID | Field length | Data type | Input\ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	
				FDXG FDXT		Required *Required if 1586 (Print Alternate Return Address Flag) is set to Y. **Description** - Phone number for return address. - For this shipment, use any method.
FedEx Linehaul Payment Type						
1498	Max=1	N	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required *Required if Field 1484 is set to Y. **Description** - Identify who to bill for Linehaul costs. - Valid values are: 1 — Bill Shipper 3 — Bill Third Party
FedEx Linehaul Account Number						
1500	Max=9	N	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required *Required if Field 1484 is set to Y. **Description** - Specify your FedEx Linehaul account number. - Valid entry is an active 9-digit FedEx Linehaul account number.
FedEx Logistics Broker Option						
1502	Max=1	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required *Required if you want to use the FedEx Logistics service. **Description** Indicates if you are using FedEx Logistics as your

				FedEx shipping		
Field ID	Field length	Data type	Input\Output	Carrier Code (Services)	Valid for	Description

						Customs clearance broker for FedEx International DirectDistribution Surface Solutions shipments.
						
						• Valid values are:
						   o Y—FedEx Logistics is broker
						   o N—Other customs broker (default)

FedEx Logistics **Broker DTF Account Number**						
1503	Min=6 Max=9	N	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required* *Required if Field 1502 (FedEx Logistics Broker Option) is Y and Field 1546 (FedEx Logistics Broker D/T/F Payment Type) is 1; for example, 1502,"Y"1546,"1" **Description** • Account number of the FedEx Logistics broker. • Field 1503 is optional if Field 1502 is Y and Field 1546 is 3.
FedEx Logistics Broker D/T/F Payment Type						

1546	Max=1	N	I	FDXE FDXG FDXT	INTL	Field level: Shipment
						Required*
						*Required if Field 1502 is Y.
						Description
						• Indicates who pays the FedEx Logistics Broker fees.
						• Valid values are:
						   o 1 — Bill to shipper (default)
						   o 3 — Bill to third-party payer

Fractional Package Weight						
1670-#	Max=8.2	N	I	FDXE	INTL	Field level: Shipment

				FedEx shipping		
Field ID	Field length	Data type	Input\Output	Carrier Code (Services)	Valid for	Description
				FDXG FDXT		Required* • *Required for FedEx International DirectDistribution Surface Solutions. • *Required to receive rate quotes. **Description** • Weight of package or shipment. • This weight field supports two implied decimals for ALL shipments and does not require any distinction between FedEx Express, FedEx Ground or FedEx International shipping. • Value accepts two implied decimal places, therefore 15000 means 150.00 pounds. • For all FedEx International and intra-Canada Shipping, you may enter the total shipment weight rather than the individual package weights. If you enter the total shipment weight, you must also use Field 116 (Package Total) to indicate the total number of packages in the shipment.
Exception Notification Flag						
1960-#	Max=1	A	I	FDXE FDXG FXFR	All	**Field level:** Package *Note: Field level is Package for FedEx International DirectDistribution Surface Solutions (IDD) and IPD/IDF/IED.* Required* **Description** • Required for email notification of an exception.

| | | | | FedEx shipping | | |
| | | | | | | |
Field ID	Field length	Data type	Input\ Output	Carrier Code (Services)	Valid for	Description

						• Field occurrence must correspond to each occurrence of Field 1204 (Other Email Notification Addresses) to provide notifications of exceptions (general delivery exceptions, incorrect addresses, clearance delays, international shipment releases).
						
						• Maximum of three (3) occurrences allowed.
						
						• Valid values are:
						  o Y — Enable email notification of exceptions
						  o N — Disable email notification of exceptions

Shipper Exception Notification Flag						
1961	Max=1	A	I	FDXE FDXG FXFR	All	Field level: Shipment except for FedEx® International DirectDistribution Surface Solutions (IDD Surface) and IPD/IDF/IED. *Note: Field level is Package for FedEx International DirectDistribution Surface Solutions (IDD) and IPD/IDF/IED.* Required* *Required to provide email notification of an exception to the shipper. **Description** • Required for email notification of exception to the Shipper. • Use with 1201 (Sender's Email Address) to provide all notifications of exceptions (general delivery exceptions, incorrect address, clearance delays, international shipment

				FedEx shipping		
Field ID	Field length	Data type	Input\Output	Carrier Code (Services)	Valid for	Description

						releases).
						 • Valid values are:
						    o Y — Enable email notification of exceptions
						    o N — Disable email notification of exceptions

Recipient Exception Notification Flag						

1962	Max=1	A	I	FDXE FDXG FXFR	All	Field level: Shipment except for FedEx® International DirectDistribution Surface Solutions (IDD Surface) and IPD/IDF/IED.
						
						 Note: Field level is Package for FedEx International DirectDistribution Surface Solutions (IDD) and IPD/IDF/IED.
						
						 Required*
						 Description
						 • Required for email notification of exception to the Recipient.
						 • Use with 1202 (Recipient's Email Address) to provide all notifications of exceptions (general delivery exceptions, incorrect address, clearance delays, international shipment releases).
						 • Valid values are:
						    o Y — Enable email notification of exceptions
						    o N — Disable email notification of exceptions

Broker Exception Notification Flag						
1963	Max=1	A	I	FDXE FDXG	INTL	Field level: Shipment except for FedEx® International DirectDistribution Surface Solutions

				FedEx shipping		
Field ID	Field length	Data type	Input\Output	Carrier Code (Services)	Valid for	Description
						(IDD Surface) and IPD/IDF/IED. *Note: Field level is Package for FedEx International DirectDistribution Surface Solutions (IDD) and IPD/IDF/IED.* Required* **Description** • Required for email notification of exception to the Broker. • Use with 1343 (Broker Email Address) to provide all notifications of exceptions (general delivery exceptions, incorrect address, clearance delays, international shipment releases). • Valid values are: ○ Y — Enable email notification of exceptions ○ N — Disable email notification of exceptions.
Email Notification Format						
1964-#	Max=1	A	I	FDXE FDXG FXGE FXFR	All	**Field level:** Package *Note: Field level is Package for FedEx International DirectDistribution Surface Solutions (IDD) and IPD/IDF/IED.* Optional **Description** • Indicates selected format for email notification. • Each field occurrence must correspond to each occurrence of Field 1204 (Other Email Notification Addresses). • Maximum of three (3)

				FedEx shipping		
Field ID	Field length	Data type	Input\Output	Carrier Code (Services)	Valid for	Description

						occurrences allowed.
						
						• Valid values are:
						
						    o H — HTML
						
						    o T — Text (default)
						
						    o W — Wireless
						
						Note: Text is not valid for language/locale codes: JA, KO, ZHCN, ZHHK, and ZHTW. Invalid code results in HTML format. Wireless formatted notifications do not apply to Field 1203 (Personal Message).

Shipper Email Notification Format						

1965	Max=1	A	I	FDXE
				FDXG
				FXGE
				FXFR
					All	Field level: Shipment except for FedEx® International DirectDistribution Surface Solutions (IDD Surface) and IPD/IDF/IED.
						
						Note: Field level is Package for FedEx International DirectDistribution Surface Solutions (IDD) and IPD/IDF/IED.
						
						Optional
						
						Description
						
						• Indicates selected format for email notification to Shipper.
						
						• You can specify a different format for Field 1201 (Sender's Email Address). This format will apply to all notifications sent to this email address.
						
						• Valid values are:
						
						    o H — HTML
						
						    o T — Text (default)
						
						    o W — Wireless
						
						Note: Text is not valid for language/locale codes: JA, KO, ZHCN, ZHHK, and ZHTW. Invalid code results in HTML format. Wireless formatted notifications do

				FedEx shipping		
Field ID	**Field length**	**Data type**	**Input\ Output**	**Carrier Code (Services)**	**Valid for**	**Description**
						not apply to Field 1203 (Personal Message).
Broker Email Notification Format						
1966	Max=1	A	I	FDXE FDXG FXGE	INTL	Field level: Shipment except for FedEx® International DirectDistribution Surface Solutions (IDD Surface) and IPD/IDF/IED. *Note: Field level is Package for FedEx International DirectDistribution Surface Solutions (IDD) and IPD/IDF/IED.* Optional **Description** • Indicates selected format for email notification to the Broker. • You can specify a different format for Field 1343 (Broker Email Address). This format will apply to all notifications sent to this email address. • Valid values are: ○ H — HTML ○ T — Text (default) ○ W — Wireless *Note: Text is not valid for language/locale codes: JA, KO, ZHCN, ZHHK, and ZHTW. Invalid code results in HTML format. Wireless formatted notifications do not apply to Field 1203 (Personal Message).*
Recipient Email Notification Format						
1967	Max=1	A	I	FDXE FDXG FXFR	All	Field level: Shipment except for FedEx® International DirectDistribution Surface Solutions (IDD Surface) and IPD/IDF/IED. *Note: Field level is Package for FedEx International DirectDistribution Surface Solutions (IDD) and*

				FedEx shipping		
Field ID	Field length	Data type	Input\Output	Carrier Code (Services)	Valid for	Description
						IPD/IDF/IED. Optional **Description** • Indicates selected format for email notification to the Recipient. • You can specify a different format for Field 1202 (Recipient's Email Address). This format will apply to all notifications sent to this email address. • Valid values are: o H — HTML o T — Text (default) o W — Wireless *Note: Text is not valid for language/locale codes: JA, KO, ZHCN, ZHHK, and ZHTW. Invalid code results in HTML format. Wireless formatted notifications do not apply to Field 1203 (Personal Message).*
Language Locale Code						
1968-#	Max=2	A	I	FDXE FDXG FXGE	INTL	**Field level:** Package *Note: Field level is Package for FedEx International DirectDistribution Surface Solutions (IDD) and IPD/IDF/IED.* Required* • *Required when using Field 1552 and the language code requires a locale code. **Description** • Indicates locale associated with language code in Field 1552 (Other Language Code). • Maximum of three (3) occurrences.

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	

						• Valid Locale values are:
						   o ES — Spanish (Spain)
						   o CA — French (Canada)
						   o CN — Chinese (Simplified)
						   o HK — Chinese (Hong Kong)
						   o TW — Chinese (Taiwan)
						• Default: None, unless Field 1552 = zh, then default is CN. Invalid values do not default.

Shipper Locale Code						

1969	Max=2	A	I	FDXE
				FDXG
				FXGE
					All	Field level: Shipment except for FedEx® International DirectDistribution Surface Solutions (IDD Surface) and IPD/IDF/IED.
						Note: Field level is Package for FedEx International DirectDistribution Surface Solutions (IDD) and IPD/IDF/IED.
						Required*
						*Required when using Field 1555 and the language code requires a locale code.
						Description
						• Indicates locale associated with language code in field (Shipper Language Code).
						• Valid Locale values are:
						   o ES—Spanish (Spain)
						   o CA—French (Canada)
						   o CN—Chinese (Simplified)
						   o HK—Chinese (Hong Kong)
						   o TW—Chinese (Taiwan)

				FedEx shipping		
Field ID	Field length	Data type	Input\ Output	Carrier Code (Services)	Valid for	Description
						• Default: None, unless Shipper Language Code (1555) = zh, then CN. Invalid combinations will not default.
Recipient Locale Code						
1970	Max=2	A	I	FDXE FDXG FXGE	All	Field level: Shipment except for FedEx® International DirectDistribution Surface Solutions (IDD Surface) and IPD/IDF/IED. *Note: Field level is Package for FedEx International DirectDistribution Surface Solutions (IDD) and IPD/IDF/IED.* Required* *Required when using Field 1558 and the language code requires a locale code. **Description** • Indicates locale associated with language code in Field 1558 (Recipient Language Code). • Valid Locale values are: ○ ES—Spanish (Spain) ○ CA—French (Canada) ○ CN—Chinese (Simplified) ○ HK—Chinese (Hong Kong) ○ TW—Chinese (Taiwan) • Default: None, unless Recipient Language Code (1558) = zh, then CN. Invalid combinations will not default.

10.3.1 Non FedEx Logistics customs broker

There are different types of non-FedEx Logistics Customs Broker types used in 020 Global Ship Request FedEx International DirectDistribution Surface Solutions transaction. If you use your own

Customs clearance broker, you must include the required fields. The below table shows the list of Customs Clearance Broker types with field details.

Table 95: Fields for non-FTN customs broker

Field ID	Field length	Data type	Input\ Output	FedEx shipping		Description 020 Global Ship Request - Open Ship
				Carrier Code (Services)	Valid for	
Broker Name						
66	Max=30	A	I	FDXE FDXG FDXT	INTL	Required* *Required for FedEx International Broker Select® service. **Description** • Name of Broker who clears the shipment through Customs. Prints on the Commercial Invoice. • Use only if Broker is not "FedEx". • Default: FedEx
Broker Phone Number						
67	Max=15	N	I	FDXE FDXG FDXT	INTL	Required* **Description** • Phone number of the Broker who uses to clear the shipment (if other than FedEx). The phone number prints on the Commercial Invoice. • *Required for FedEx International Broker Select service.
Broker Select Option Flag						
1174	Max=1	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required* **Description** • Indicates whether to use a designated Broker (FedEx International Broker Select option (BSO)) (1174,"Y") or to use FedEx (1174,"N") to clear the shipment through Customs. • *Required for FedEx International Broker Select service.

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description 020 Global Ship Request - Open Ship
				Carrier Code (Services)	Valid for	

						• Valid values are:
						    o Y—Use Broker Select option (BSO)
						    o N—Do not use BSO

Broker Account Number						
1179	Max=10	N	I	FDXE FDXG FDXT	INTL	Field level: Shipment **Optional** **Description** Account number of the Broker who clears the shipment (if other than FedEx).
Broker Company						
1180	Max=35	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment **Optional** **Description** • Company name of the Broker who clears the shipment (if other than FedEx). • Prints on commercial invoice.
Broker Address Line 1						
1181	Max=100	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Optional **Description** • First line of the address of the Broker who clears the shipment (if other than FedEx). • Prints on commercial invoice.
Broker Address Line 2						
1182	Max=100	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Field level: Package Optional **Description** • Broker Address Line 2 field is the second

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description 020 Global Ship Request - Open Ship |
				Carrier Code (Services)	Valid for	
						line of address of the Broker who will clear the shipment (if other than FedEx). • Prints on commercial invoice.
Broker City						
1183	Max=20	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required • *Required for FedEx International Broker Select®. **Description** • Broker city field specifies the city of the Broker who will clear the shipment (if other than FedEx). • Prints on commercial invoice.
Broker State/Province						
1184	Max=14	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required • *Required for FedEx International Broker Select® to U.S., Canada (CA) or Puerto Rico (PR). **Description** • Broker State/Province field specifies the state or province code of the country where the broker who will clear the shipment (if other than FedEx) is located. • Prints on commercial invoice.
Broker Postal Code						
1185	Max=10	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required *Required for FedEx International Broker Select® to U.S., Canada (CA) or Puerto Rico (PR). **Description** • Broker Postal Code field indicates

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description
020 Global Ship Request - Open Ship |
				Carrier Code (Services)	Valid for	
						postal/zip code of the broker who will clear the shipment (if other than FedEx). • Prints on commercial invoice.
Broker Country Code						
1186	Max=2	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required* **Description** Field level: Package Required *Required for FedEx International Broker Select® service. **Description** • Broker Country Code field indicates the country code of the broker who will clear the shipment (if other than FedEx). • Prints on commercial invoice. • Refer to Appendix C: Value Reference Tables in FSMS TCR Guide, for the list of country codes.
Broker ID						
1187	Max=15	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Optional **Description** • Broker ID field is the unique identification number of the broker who will clear the shipment (if other than FedEx). • Prints on commercial invoice.
Broker Email Address						
1343	Max=120	A/N	I	FDXE FDXG FDXT	INTL	Field level: Package Required *Required if email notification is sent to broker. **Description** Broker Email Address field specifies the

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description 020 Global Ship Request - Open Ship
				Carrier Code (Services)	Valid for	
						electronic mail address of the broker who will clear the shipment (if other than FedEx).
Broker Fax Number						
1344	Max=15	N	I	FDXE FDXG FDXT	INTL	Field level: Package Optional **Description** Broker Fax Number field indicates the fax number of the Broker who will clear the shipment (if other than FedEx).).

10.4 Shipping service options for FedEx IDD surface solutions

The following table list the FedEx services that are allowed for FedEx International DirectDistribution Surface Solutions shipments.

Table 96: FedEx Express and FedEx Ground services allowed by package type

Service	Customer Packaging	FedEx Envelope	FedEx® Pak	FedEx® Box	FedEx® Tube
FedEx Priority Overnight®	Yes	Yes	Yes	Yes	Yes
FedEx Standard Overnight®	Yes	Yes	Yes	Yes	Yes
FedEx 2Day®	Yes	Yes	Yes	Yes	Yes
FedEx 2Day® A.M.	Yes	Yes	Yes	Yes	Yes
FedEx First Overnight®	Yes	Yes	Yes	Yes	Yes
FedEx 1Day® Freight	Yes	No	No	No	No
FedEx 2Day® Freight	Yes	No	No	No	No
FedEx 3Day® Freight	Yes	No	No	No	No
FedEx Express Saver®	Yes	Yes	Yes	No	No
FedEx Ground®	Yes	No	No	No	No
FedEx Home Delivery®	Yes	No	No	No	No

Table 97: FedEx Express special services allowed by service type

Service	C.O.D.	IDG	ADG	Dry Ice	Signature Required Type	Inside Delivery	Alcohol
FedEx Priority Overnight®	No	Yes	No	Yes	Yes	No	No
FedEx Standard Overnight®	No	Yes	No	Yes	Yes	No	No
FedEx 2Day®	No	Yes	No	Yes	Yes	No	No
FedEx 2Day® A.M.	Yes	Yes	No	Yes	Yes	No	No
FedEx First Overnight®	No	Yes	No	Yes	Yes	No	No
FedEx 1Day® Freight	No	Yes	No	Yes	Yes	No	No
FedEx 2Day® Freight	No	Yes	No	Yes	Yes	No	No
FedEx 3Day® Freight	No	No	No	No	Yes	No	No
FedEx Express Saver®	No	No	No	No	Yes	No	No

Table 98: FedEx Express special services allowed by service type

Service	Saturday Delivery	Sunday Delivery	Priority Alert and Priority Alert Plus	Hold at Location	Inside Pickup	Saturday Pickup	Concurrent Shipments & Future Day
FedEx Priority Overnight®	Yes	No	Yes	Yes	No	No	—
FedEx Standard Overnight®	No	No	Yes	Yes	No	No	—
FedEx 2Day®	Yes	No	No	Yes	No	No	—
FedEx 2Day® A.M.	No	No	No	Yes	No	Yes	—
FedEx First Overnight®	No	No	Yes	Yes	No	No	—
FedEx 1Day® Freight	Yes	No	Yes	Yes	No	No	—

Service	Saturday Delivery	Sunday Delivery	Priority Alert and Priority Alert Plus	Hold at Location	Inside Pickup	Saturday Pickup	Concurrent Shipments & Future Day
FedEx 2Day® Freight	Yes	No	No	Yes	No	No	—
FedEx 3Day® Freight	No	No	No	Yes	No	No	—
FedEx Express Saver®	No	No	No	Yes	No	No	—
FedEx First Overnight® Freight	—	—	Yes	—	—	—	—
International Priority®	—	—	Yes	—	—	—	—
FedEx International First®	—	—	Yes	—	—	—	—
FedEx Europe First®	—	—	Yes	—	—	—	—
International Priority Freight	—	—	Yes	—	—	—	—
FedEx International Priority DirectDistribution®	Yes	—	Yes	—	—	Yes	Yes
FedEx International Economy DirectDistribution	Yes	—	—	—	—	Yes	Yes

Table 99: FedEx Ground special services allowed by service type

Service	C.O.D.	ECOD	Non-Standard Packaging	HazMat	Signature Required Type	Appt Delivery	Evening Delivery	Date Certain Delivery
FedEx Ground	No	No	Yes	No	Yes	No	No	No
FedEx Home Delivery	No	No	Yes	No	Yes	Yes	Yes	Yes

10.5 FedEx IDD surface solutions list rates

FedEx shippers can download list rates for FedEx International DirectDistribution Surface Solutions shipping for devices enabled for FedEx® International DirectDistribution origins: Canada (IDD CA) and Mexico (IDD MX). You can display or return these rates as rate quotes or as customized doc-tabs and reports in the same way you display and return domestic list rates today.

FedEx International DirectDistribution Surface Solutions is a contract service; contact your Account Executive for more information about this service.

The following table describes the list of fields which return FedEx International DirectDistribution Surface Solutions list rates and surcharges in the 120 Global Ship Reply transaction.

Table 100: Fields for returning FedEx IDD surface solutions list rates

Field ID	Field length	Data type	Input\Output	FedEx shipping Carrier Code (Services)	Valid for	Description Transaction: 120 Global Ship Reply
List Third Party Consignee Surcharge						
4027	Min=1 Max=1.2	N	O	FDXE FDXG FDXT	INTL	**Description** • Positive numbers only. Two implied decimal places.(1-9999) • See Field 3309 for Third Party Consignee.
List Rate Currency Type						
4028	Max=3	A	O	FDXE FDXG FDXT	INTL	Field level: Package **Description** • List rate currency type to be returned, for example, USD or CAD. • Valid values are currency codes listed in

Field ID	Field length	Data type	Input\ Output	FedEx shipping		Description Transaction: 120 Global Ship Reply
				Carrier Code (Services)	**Valid for**	
						Appendix C of the *FedEx Ship Manager® Server Transaction Coding Reference Guide*.
List Off-Shore Surcharge						
4029	Min=1 Max=11.2	N	O	FDXE FDXG FDXT	INTL	**Description** - Surcharge applied if package is shipped from a non-U.S. country to Alaska or Hawaii; for example, from France to Hawaii. - Valid values are positive numbers only (1-9999)
List Europe First Surcharge						
4030	Min=1 Max=11.2	N	O	FDXE FDXG FDXT	INTL	**Description** - Positive numbers only. Two implied decimal places. (1-9999).

10.5.1 Downloading FedEx IDD surface solutions list rates

Shippers can use the FedEx Demand Download Utility to download FedEx International DirectDistribution Surface Solutions list rates for their system. For more information about this Utility, refer to [FedEx Ship Manager® Server utilities](#) to download International DirectDistribution List Rates

1. Navigate the FSMS folder on your desktop and double-click the **Demand Download** icon. The Demand Download dialog box appears.

2. Select the **meter**.

3. In Download Type, check the **Express Domestic List Rates** checkbox.

4. Click **Start**.

5. After the download completes, you must exit the **Demand Download Utility** to make the rates available on your system.

10.5.2 Downloading FedEx Ground discounted rates for FedEx IDD surface solutions shipments

Canada-origin shippers can download and receive FedEx Ground discounted rates for FedEx International DirectDistribution Surface Solutions shipments using the FedEx Demand Download Utility.

When a request is raised for rate downloads, all the rates are downloaded to FSMS system along with the existing discounted non-FedEx Ground International DirectDistribution Surface Solutions.

To download discounted rates

1. Navigate to the FSMS folder on your desktop and double-click the **FedEx Ship Manager®️ Server Demand Download** icon. The FedEx Demand Download dialog opens.

2. Select the meter.

3. Under **Download Type tab**, select the checkbox against the **Ground Discount Rates** field.

Note: Parent meter level means that the discount rates are not meter specific (when there are multiple child meters) and apply to all packages in a shipment.

4. Click **Start.** FedEx Ship Manager®️ Server displays the **FedEx Download Status** window.

5. Click **Exit**. You must exit the **Demand Download Utility** to make the discount rates available on your system.

10.6 Creating a FedEx IDD surface solutions shipment

FedEx International DirectDistribution Surface Solutions shipments are processed using the Open Ship shipping method. Open Ship is a highly flexible shipping option. Open Ship allows you to enter information for a shipment as received throughout the day, instead of entering all shipping information only when the shipment is ready for processing. The shipment remains "Open," while accepting each piece as and when it is entered and remains "Closed" only when you confirm the shipment.

For information about the Open Ship shipping process, refer Open shipping

Table 101: Fields to Create a FedEx IDD surface solutions shipment

Field ID	Field length	Data type	Input\ Output	FedEx shipping		Description Transaction: 020 Global Ship Request - Open Ship
				Carrier Code (Services)	Valid for	
Open Ship Flags						
541	Max=9	A	I	FDXE FDXG FDXT	U.S. INTL	Required* • Identifies transaction functions using nine one-byte flags which are set to Y to indicate shipment level or package level flag. • *Required for Open Ship. • Specify Y in the position(s) of the Open Ship functions used for a given transaction. Specify N in all other positions. All flags must be used and must be either Y or N. If you enter all Ns, all Open Ship functions are disabled. • Default: YNNNNNNNY (CREATE and

| Field ID | Field length | Data type | Input\ Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Open Ship |
				Carrier Code (Services)	Valid for	
						CONFIRM the Open Ship shipment.) • Each one-byte flag is defined in sequence in the following array: o 1 — CREATE an Open Shipment o 2 — ROUTE/Time in Transit o 3 — RATE o 4 — ADD a piece/package o 5 — EDIT a piece/package o 6 — EDIT/ADD data to the entire shipment o 7 — DELETE a package o 8 — DELETE the shipment o 9 — CONFIRM the shipment • For shipping, use Open Ship.
Open Ship Index						
542	Max=9	N	I	FDXE FDXG FDXT	U.S. INTL	Required* **Description** • Set to the unique number passed in the CREATE transaction. The value is a unique number per Open Ship shipment per meter and represents the Open Ship Index. • *Required for Open Ship. *Note: Field 542 is not required if you are simultaneously performing a CREATE or ADD transaction.* • Examples of simultaneous transactions are: YYNNNNNNN which performs a shipment level CREATE and Route/Time in Transit transaction or NYNYNNNNN which performs a package level ADD and shipment level Route/Time in Transit together in the same transaction.
Service Type						
1274	Min=2	N	I/O	FDXE	U.S.	Field level: Shipment

| Field ID | Field length | Data type | Input\ Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Open Ship |
				Carrier Code (Services)	Valid for	
	Max=3			FDXG FDXT	INTL	Required* **Description** - Specify the Service type for FedEx International DirectDistribution Surface Solutions. - Must include with Field 541 (Open Ship Flags) in the Open Ship CREATE transaction - Valid service type is 82 — FedEx International DirectDistribution Surface Solutions Service for CA/MX.

10.7 Adding a piece to a FedEx IDD surface solutions shipment

After you create a FedEx International DirectDistribution Surface Solutions shipment, you can add packages.

While packages require many of the same fields that are used for regular shipments, Field 541 (Open Ship Flag) and Field 542 (Open Ship Index) are required to associate the package with a FedEx International DirectDistribution Surface Solutions shipment.

To create or rate a multiple-piece shipment (MPS), set Field 116 to the number of pieces in the shipment and Field 1670 to the weight of each piece using the multiple occurrences (1670-1, 1670-2, 1670-3, and so forth).

Table 188 lists the transaction fields that are required to add a FedEx International DirectDistribution Surface Solutions package (depending on your shipping requirements).

Table 102: Fields to Add package to a FedEx IDD surface solutions shipment

| Field ID | Field length | Data type | Input\ Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Open Ship MPS |
				Carrier Code (Services)	Valid for	
Recipient Company						
11	FDXG and FDXE Max=35 FXGE Max=30	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required* **Description** - Company name of the Recipient. *Required if shipment is being sent

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Open Ship MPS
						to a company.
						• If this field is not applicable, Field 12 (Recipient Name) must be completed.
Recipient Contact Name						
12	FDXG and FDXE Max=35 FXGE Max=30	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required* **Description** • Contact name at the Recipient Company. • *Required if a recipient company is not provided. • *Required for Hold at Location service.
Recipient Address Line 1						
13	Max=100	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required* **Description** • Primary address line of Recipient address. • This is the address to which the shipment is sent. • Field contains street number and street name.
Recipient Address Line 2						
14	Max=100	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required* **Description** • Second address line of Recipient address. • This is the address to which the shipment is sent.
Recipient Address Line 3						

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Open Ship MPS |
				Carrier Code (Services)	Valid for	
2944	Max=100	A	I	FDXE FDXG FDXT	INTL	**Field level:** Shipment Optional **Description** Recipient Address Line 3 field states the third address line of Recipient. This enables the customer to include an additional recipient address line in a transaction.
Recipient City						
15	FDXG and FDXE Max=35 FXGE Max=30	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required* **Description** City name for the Recipient address. This is the city to which the shipment is sent. *Note: If FedEx Ground shipment, city name is limited to 20 characters.*
Recipient State/Province						
16	Max=2 CA, PR, U.S. Max=14 Other countries	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required* **Description** • State or *province code* of the Recipient address. • Refer Appendix C of the *FedEx Ship Manager® Server Transaction Coding Reference Guide* for a list of state and province codes. *Note:* • If field ID 16 (Recipient State) is not present in the transaction when creating a Return Shipment, FSMS does not default it to the state code associated with the meter in the configuration screen unless the recipient country code present in the transaction matches the country code configured for the meter. • If field ID 16 (Recipient State) is present in the transaction when

| Field ID | Field length | Data type | Input\ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Open Ship MPS
						creating a Return Shipment, FSMS does not default or override it with the state code associated with the meter in the configuration screen even if the country codes match.
Recipient Postal Code						
17	Max=10	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required* **Description** • This field indicates Postal code for the city and state or province code of the Recipient address. • For FedEx international shipments: Canada (CA) and U.S. must always use valid postal codes. • For a list of countries that use postal codes, see Appendix C in the *FedEx Ship Manager® Server Transaction Coding Reference Guide*. *Note:* • If field ID 16 (Recipient State) is not present in the transaction when creating a Return Shipment, FSMS does not default it to the state code associated with the meter in the configuration screen unless the recipient country code present in the transaction matches the country code configured for the meter. • If field ID 16 (Recipient State) is present in the transaction when creating a Return Shipment, FSMS does not default or override it with the state code associated with the meter in the configuration screen even if the country codes match.
Recipient Phone Number						
18	Max=15	N	I	FDXE	INTL	Field level: Shipment

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Open Ship MPS |
				Carrier Code (Services)	Valid for	
				FDXG FDXT		Required* **Description** Phone number of the Recipient address. This number is used for FedEx Collect On Delivery (C.O.D.), Hold At Location (HAL) and Alcohol shipments.
Pay Type						
23	Max=1	N	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required* **Description** - Code for payment type. Codes are different for FedEx Express and FedEx Ground shipments. - FedEx Express payment types are: 1—Bill Sender 2—Bill Recipient or Consignee 3—Bill Third Party - FedEx Ground payment types are: 1 — Prepaid 2 — collect (not for C.O.D.) 3 — Bill Third Party - Bill Recipient - If you select 3 (Bill Third Party), use Field 20 (Payor Account Number) to enter FedEx account number of payor.
Recipient Country						
50	Max=2	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required* **Description** Two-digit code indicating the country of the Recipient address.

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Open Ship MPS |
				Carrier Code (Services)	Valid for	
						• *Required for FedEx International Priority DirectDistribution (IPD), FedEx International Economy DirectDistribution (IED) and FedEx International Priority DirectDistribution Freight (IDF) shipments. • *Required for ADD Piece Open Ship function. • Refer Appendix C in the FedEx Ship Manager® Server Transaction Coding Reference Guide for country codes.
Country of Ultimate Destination						
74	Max=2	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required* **Description** Must be one of the ultimate destination countries of the FedEx Clearance Facility.
Commodity Line Item Weight						
77-#	LBS=8.0 KGS=8.1	N	I	FDXE FDXG FDXT	INTL	Field level: Package Required* or Optional **Description** • No implied decimal place if weight type is LBS. • One implied decimal place if weight type is KGS. • *Required for IPD/IDF Open Ship MPS. • Optional for FedEx commercial invoice.
Description of Contents						
79-#	Max=450	AKE	I	FDXE FDXG FDXT	INTL	Field level: Package Required* **Description**

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Open Ship MPS

						• This field indicates description of commodity contents for the shipment. This can be used for free-form entry of document description when Field 2396 (Document Description) is not used.
						
						• *Required for:
						   ○ Commodity shipments or for document shipments when Field 190 (Document Shipment Flag) is set to Y and Field 2396 is not used.
						   ○ General Agency Agreement (GAA) if import shipment.
						
						Note:
						• Only 31 characters of this field print on the labels, but 450 characters are available for customer input to be used on their own reports, including the Commercial Invoice.
						• If both Field 79 and Field 2396 are populated in the same transaction, Field 2396 takes precedence.

Country of Manufacture						
80-#	Max=2	A	I	FDXE FDXG FDXT	INTL	Field level: Package Optional **Description** • Country code where commodity contents were produced or manufactured in their final form. If using a commercial invoice, this field is used at the commodity level. • Refer Appendix C in the FedEx Ship Manager® Server Transaction Coding Reference Guide for country codes.
Harmonized Tariff Schedule (HTS) Code						

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Open Ship MPS
81-#	Max=10	A	I	FDXE FDXG FDXT	INTL	Field level: Package Required* **Description** 10-digit Harmonized Tariff Schedule Number for the commodity being exported.
Commercial Invoice Print and Upload Flag						
113	Max=1	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required* **Description** - This field indicates when you to create a commercial invoice for each piece of the shipment, set the flag to Y to create an individual commercial invoice. *Required for the electronic upload of commercial invoice (CI) data (pre-clearance), VISA data upload, and/or printing of the FedEx commercial invoice (CI). - Valid values are: - Y—Uploads an ECI and/or prints a FedEx CI - N—Does not upload to FedEx or print a FedEx CI - Field 2404 Shipment Documentation Flag position 1 (Commercial Invoice) should also be set to Y to generate a CI (default). If Field 113 is set to Y, it overrides the value in Field 2404 position 1. - If Field 113 is set to Y and Field 2404 position 2 (Pro forma Invoice) is set to Y, Field 113 becomes primary and FSMS ignores the Pro forma Invoice value. *Note: An Electronic Commercial Invoice (ECI) will upload only if accepted by the Recipient country. See the FedEx Service*

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Open Ship MPS |
				Carrier Code (Services)	Valid for	
						Guide for details.
Package Total						
116	Max=3	N	I	FDXE FDXG FDXT	INTL	Field level: Shipment for international and intra-Canada shipments Required* **Description** • Total number of packages in a shipment, including the master package. • *Required for a multiple-piece shipment (MPS) • For all MPS, the software performs the package count summation based on the number of occurrences of Field 1670-# (Fractional Package Weight) and overrides any input value.
Recipient IRS/EIN/VAT/EORI Number						
118	Max=18	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Optional **Description** • Recipient's tax identification number: Internal Revenue Service (IRS)/Employer Identification Number (EIN), Value Added Tax (VAT), Economy Operator Registration Identification (EORI) Number, or other import identification number depending on the country of destination. • Prints on the commercial invoice (CI).
Total Commodity Customs Value						
119	Max=11.2	N	I	FDXE FDXG	INTL	Field level: Shipment Required* or Optional

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Open Ship MPS |
				Carrier Code (Services)	Valid for	
				FDXT		**Description** • Enter the total dutiable value of the shipment. • *Required when Field 113 (Commercial Invoice Print and Upload Flag) is set to N. • Optional when Field 113 is set to Y. • If Field 113 is set to Y, this value is derived from the sum of Quantity x Unit Value (Field 82 x Field 1030). • An entry in Field 119 (Total Commodity Customs Value) overrides the derived value. • If Field 113 is set to Y, Field 2404 (Shipment Documentation Flag) position 1 (Commercial Invoice) should also be set to Y to generate a commercial invoice (default).
CI Marks and Numbers						
120-#	Max=15	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Optional **Description** • An identifying mark or number used on the packaging of a shipment to help customers identify a particular shipment. • Only used for the FedEx commercial invoice (CI).
Unit of Measure						
414-#	Max=3	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required* **Description** • Units of measure used to measure the commodity, such as IN, CM, FT, M, L and so forth. • *Required if using FedEx

| Field ID | Field length | Data type | Input\ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Open Ship MPS
						Commercial Invoice and/or filing an Electronic Export Information (EEI).
						• Refer Appendix C in the *FedEx Ship Manager® Server Transaction Coding Reference Guide* for a list of unit of measure codes.
						•
Commercial Invoice (CI) Comment Line						
418-#	Max=74	A	I	FDXE FDXG FDXT	INTL	Field level: Package Optional **Description** • This field indicates Single-line comment to be printed on the commercial invoice (CI). • You can enter up to three (3) comment lines. • Use Field 418-1 to create the first line of the comment, Field 418-2 to create the second line, and Field 418-3 to create the third line.
Open Ship Flags						
541	Max=9	A	I	FDXE FDXG FDXT	INTL	Required* • Identifies transaction functions using nine one-byte flags which are set to Y to indicate shipment level or package level flag. • *Required for Open Ship. • Specify Y in the position(s) of the Open Ship functions used for a given transaction. Specify N in all other positions. All flags must be used and must be either Y or N. If you enter all Ns, all Open Ship functions are disabled. • Default: YNNNNNNNY (CREATE and CONFIRM the Open Ship shipment.) • Each one-byte flag is defined in

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Open Ship MPS
						sequence in the following array:
						o 1 — CREATE an Open Shipment
						o 2 — ROUTE/Time in Transit
						o 3 — RATE
						o 4 — ADD a piece/package
						o 5 — EDIT a piece/package
						o 6 — EDIT/ADD data to the entire shipment
						o 7 — DELETE a package
						o 8 — DELETE the shipment
						o 9 — CONFIRM the shipment
						• For shipping, use Open Ship.
						• Refer FedEx Ship Manager® Server Developer Guide for shipping rules.
Open Ship Index						
542	Max=11.2	N	I	FDXE FDXG FDXT	INTL	Field level: Package Required *Required for Openship. Description • Openship Index field is a unique number per Openship shipment per meter. It is set to the unique number passed in the CREATE transaction. • For shipping, use Openship. *Note: Field 542 is not:* • Required if you are simultaneously performing a CREATE or ADD transaction. • Used for IPD open shipping. Instead use • Field 1355 (IOR Facility Code) with Field 24 (Ship Date) and Field 1274 (Service Type) to form a unique shipment

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Open Ship MPS
						• Examples of simultaneous transactions are: YYNNNNNNN which performs a shipment level CREATE and Route/Time in Transit transaction or NYNYNNNNN which performs a package level ADD and shipment level Route/Time in Transit together in the same transaction.
Commodity Line Item Unit Value						
1030-#	Max=15.6	N	I	FDXE FDXG FDXT	INTL	Field level: Shipment Optional **Description** • Selling price or cost (if not sold) of the commodity. • Required when using the FedEx commercial invoice (CI), and Field 113 (Commercial Invoice Print and Upload Flag) is set to Y. • If FedEx is filing the CI, the value for Field 1030 and Field 82 (Commodity Quantity) determine the Total Customs Value for the shipment. • Total Customs Value equals Field 82 multiplied by Field 1030. This derived value can be overridden by passing a value in Field 119 (Total Commodity Customs Value). • If Field 113 is set to Y, Field 2404 (Shipment Documentation Flag) position 1 (Commercial Invoice) should also be set to Y to generate the commercial invoice (default).
Preassigned Tracking Number/ProNumber						
1222-#	Max=15	N	I	FDXE FDXG FDXT	INTL	Field level: Package Required* **Description** • This field indicates tracking number to be preassigned to the shipment. When creating a Bill of Lading (BOL),

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Open Ship MPS

						this number is the ProNumber.
						
						• * Required if you produce custom labels.
						
						• Typically, not used if you allow FSMS to create your label.
						
						• You can omit this field if:
						
						    o A Route/Time-in-Transit transaction is performed simultaneously with a CREATE or an ADD transaction (for example, YYNNNNNNN or NYNYNNNNN), and a preassigned tracking number is not being used.
						
						    o The barcode string data is not required, and a Route/Time-in-Transit transaction is not performed simultaneously with a CREATE or an ADD (for example, NYNNNNNNN).

Packaging Type						
1273	Max=2	N	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required* **Description** • This field specify the Service type for FedEx International DirectDistribution Surface Solutions. • Must include with Field 541 (Open Ship Flags) in the Open Ship CREATE transaction. • Valid service type is: 82—International DirectDistribution Surface Solutions Service for CA/MX.
Service Type						

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Open Ship MPS |
				Carrier Code (Services)	Valid for	
1274-#	Min=2 Max=3	N	I/O	FDXE FDXG FDXT	INTL	Field level: Shipment Required* **Description** • Specify the Service type for FedEx International DirectDistribution Surface Solutions. • Must include with Field 541 (Open Ship Flags) in the Open Ship CREATE transaction. • Valid service type is: 82 — International DirectDistribution Surface Solutions Service for CA/MX.
Handling Charge Type						

1588	Max=1	N	I	FDXE FDXG FDXT	INTL	Field level: Shipment
						Optional
						Description
						
						• This field indicates the type of handling charge added to the net charge of the shipment.
						
						• Valid values are:
						
						   o 0—No handling charge
						   o 1—Fixed handling charge amount
						   o 2—Variable handling charge based on percentage of gross transportation charge
						   o 3—Variable handling charge based on percentage of net charge
						   o 4—Variable handling charge based on percentage of net charge minus Canada taxes (CA origin only)
						
						   Note:
						
						• For FedEx Ground multiple-piece shipments (MPS), a value of 1, 2, 3, or 4 must be on the first package to

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Open Ship MPS
						enable variable handling charge on any subsequent package of the MPS. • You may also choose to configure a recurring handling charge type in the FSMS Configuration Utility for your Transaction Distribution shipments.
Handling Charge Amount or Percentage						
1595-#	Max=7.2	N	I	FDXE FDXG FDXT	INTL	Field level: Shipment Optional **Description** • Handling charge as dollar amount or percentage. • If Field 1588 (Handling Charge Type) is set to 1 (Fixed handling charge amount), Field 1595 contains a currency amount. For example, a value of 500 means $5.00. • If Field 1588 is set to 2, 3 or 4, Field 1595 contains a percentage. For example, a value of 500 means 5%. • Field allows up to seven (7) numeric characters, two of which are implied decimal entries.
Handling Charge Application Point						

1606-#	Max=1	N	I	FDXE
				FDXG
				FDXT
					INTL	Field level: Shipment
						Optional
						Description
						
						• This field specifies at which level (package or shipment) FedEx handling charges apply.
						
						• Valid values are:
						
						  o 0 or blank—Handling charge applied at package level.
						
						  o 1—Handling charge applied at shipment level repeat only if used at the package level.

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Open Ship MPS
Fractional Package Weight						
1670-#	Max=8.2	N	I	FDXE FDXG FDXT	INTL	Field level: Shipment for international and intra-Canada shipments Required* **Description** • This field indicates weight of package or shipment. • *Required for FedEx International DirectDistribution Surface Solutions • *Required to receive rate quotes. • This weight field supports two implied decimals for ALL shipments and does not require any distinction between FedEx Express, FedEx Ground or FedEx International shipping. • For all FedEx International and intra-Canada Shipping: • You may enter the total shipment weight rather than the individual package weights. If you enter the total shipment weight, you must also use Field 116 (Package Total) to indicate the total number of packages in the shipment. *Note: Value accepts two implied decimal places, therefore 15000 means 150.00 pounds.*

10.7.1 Deleting a FedEx IDD Surface Solutions Package

Use the Open Ship 020 Global Ship Request transaction to delete a package from a FedEx International DirectDistribution Surface Solutions shipment. Do not use the 023 Global Delete Request transaction to delete a FedEx International DirectDistribution Surface Solutions package. Refer Open shipping information about deleting packages in an Open Ship shipment.

Table 103: Fields to Delete package from a FedEx IDD surface solutions shipment

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Open Ship MPS |
				Carrier Code (Services)	Valid for	
Tracking Number						
29	Min=12 Max=25	A	I/O	FDXE FDXG FDXT	INTL	Field level: Package Required* **Description** • This field indicates tracking number of the package or piece in a multiple-piece shipment (MPS). • Using Field 29 as a multiple occurrence field, allows all child tracking numbers to be returned in the Reply transaction.
Open Ship Flags						

541	Max=9	A	I	FDXE FDXG FDXT	INTL	Required*
						• Identifies transaction functions using nine one-byte flags which are set to Y to indicate shipment level or package level flag.
						• *Required for Open Ship.
						• Specify Y in the position(s) of the Open Ship functions used for a given transaction. Specify N in all other positions. All flags must be used and must be either Y or N. If you enter all Ns, all Open Ship functions are disabled.
						• Default: YNNNNNNNY (CREATE and CONFIRM the Open Ship shipment.)
						• Each one-byte flag is defined in sequence in the following array:
						   o 1 — CREATE an Open Shipment
						   o 2 — ROUTE/Time in Transit
						   o 3 — RATE
						   o 4 — ADD a piece/package
						   o 5 — EDIT a piece/package
						   o 6 — EDIT/ADD data to the entire shipment

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description
Transaction: 020 Global Ship Request - Open Ship MPS |
				Carrier Code (Services)	Valid for	
						o 7 — DELETE a package o 8 — DELETE the shipment o 9 — CONFIRM the shipment • For shipping, use Open Ship. • Refer FedEx Ship Manager® Server Developer Guide for shipping rules.
Open Ship Index						
542	Max=9	N	I	FDXE FDXG FDXT	INTL	Field level: Package Required *Required for Openship. Description • Openship Index field is a unique number per Openship shipment per meter. It is set to the unique number passed in the CREATE transaction. • For shipping, use Openship. *Note: Field 542 is not:* • Required if you are simultaneously performing a CREATE or ADD transaction. • Used for IPD open shipping. Instead use Field 1355 (IOR Facility Code) with Field 24 (Ship Date) and Field 1274 (Service Type) to form a unique shipment • Examples of simultaneous transactions are YNNNNNNN which performs a shipment level CREATE and Route/Time in Transit transaction or NYNYNNNN which performs a package level ADD and shipment level Route/Time in Transit together in the same transaction.

10.7.2 Confirming a FedEx IDD Surface Solutions Shipment

The confirmation of a shipment closes the shipment and prevents further shipping activity. Once a shipment is confirmed, packages cannot be added or deleted. To CONFIRM a FedEx International DirectDistribution Surface Solutions shipment, use the 020 Global Ship Request transaction with the fields listed in the following table.

Table 104: Fields to Confirm a FedEx IDD surface solutions shipment

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Open Ship MPS |
				Carrier Code (Services)	Valid for	
Open Ship Flags						

541	Max=9	A	I	FDXE FDXG FDXT	INTL	Required*
						
						• Identifies transaction functions using nine one-byte flags which are set to Y to indicate shipment level or package level flag.
						
						• *Required for Open Ship.
						
						• Specify Y in the position(s) of the Open Ship functions used for a given transaction. Specify N in all other positions. All flags must be used and must be either Y or N. If you enter all Ns, all Open Ship functions are disabled.
						
						• Default: YNNNNNNNY (CREATE and CONFIRM the Open Ship shipment.)
						
						• Each one-byte flag is defined in sequence in the following array:
						  o 1 — CREATE an Open Shipment
						  o 2 — ROUTE/Time in Transit
						  o 3 — RATE
						  o 4 — ADD a piece/package
						  o 5 — EDIT a piece/package
						  o 6 — EDIT/ADD data to the entire shipment
						  o 7 — DELETE a package
						  o 8 — DELETE the shipment
						  o 9 — CONFIRM the shipment
						
						• For shipping, use Open Ship.
						
						• Refer FedEx Ship Manager® Server Developer Guide for shipping rules.

Open Ship Index						
542	Max=9	N	I	FDXE FDXG	INTL	Field level: Package **Required**

| Field ID | Field length | Data type | Input\ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Open Ship MPS
				FDXT		*Required for Openship. **Description** • Openship Index field is a unique number per Openship shipment per meter. It is set to the unique number passed in the CREATE transaction. • For shipping, use Openship. *Note: Field 542 is not:* • Required if you are simultaneously performing a CREATE or ADD transaction. • Used for IPD open shipping. Instead use • Field 1355 (IOR Facility Code) with Field 24 (Ship Date) and Field 1274 (Service Type) to form a unique shipment • Examples of simultaneous transactions are YYNNNNNNN which performs a shipment level CREATE and Route/Time in Transit transaction or NYNYNNNNN which performs a package level ADD and shipment level Route/Time in Transit together in the same transaction.
Port of Arrival						
1666	Max=35	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required* **Description** • This field indicates the Port of arrival for CA to U.S. FedEx International DirectDistribution Surface Solutions shipments. • Required for CA to U.S.; not required for MX origin FedEx International DirectDistribution Surface Solutions shipments. • Include Field 1666 in both the Open Ship CREATE and CONFIRM transactions. • Valid ports of arrival are listed in Appendix C of the FedEx Ship Manager® Server Transaction Coding Reference Guide.

Asynchronous specifies the printing process for the shipment artifacts (shipping labels and all associated documents). Refer Asynchronous Processing section for more information.

The following documents print when you successfully complete a CONFIRM shipment transaction:

- FedEx International DirectDistribution Surface Solutions Consolidated Commercial Invoice—if the CI flag is set at the FedEx International DirectDistribution Surface Solutions shipment level

- FedEx International DirectDistribution Surface Solutions Domestic Express Courier Report—for Express packages

- FedEx International DirectDistribution Surface Solutions Ground Manifest Report—for Ground packages

FedEx International DirectDistribution Surface Solutions shipments are automatically confirmed and closed no later than one (1) day after the ship date. Any shipment that has no packages is automatically deleted.

10.7.3 Performing a FedEx IDD Surface Solutions Open Ship End-of-Day Close

A shipment closed at the end of your shipping day (or as required) by using the 007 End-of-Day Close Request transaction. Closing FedEx International DirectDistribution Surface Solutions shipments is not different from the usual shipping close procedure.

For information about performing an End-of-Day Close for FSMS, refer the *FedEx Ship Manager® Server Transaction Coding Reference Guide*.

If FedEx International DirectDistribution Surface Solutions shipments remain unclosed after the ship date, depending on the FedEx International DirectDistribution Surface Solutions Auto Confirm Time set in the FSMS Configuration Utility, FSMS evaluates unconfirmed shipments for the following:

- The unconfirmed shipment is a shipment with at least one package.

- The package ship date is at least 24 hours greater than the current system date/time.

Example:

FSMS does NOT DETECT the following mentioned situation: "Your FedEx International DirectDistribution Surface Solutions shipment date is January 21, 2007, but your system date is January 23, 2007".

If both of these conditions exist for unclosed FedEx International DirectDistribution Surface Solutions shipments, FSMS automatically confirms and closes these shipments for you.

10.7.4 Returning the CRN Count

To return a number that indicates the number of packages have been processed with the same creation date for your FedEx International DirectDistribution Surface Solutions shipment, the following position flags must be set to **Y**:

- 4—Add a piece (package)

- 6—Edit/add data to the entire shipment

- 7—Delete a piece (package)

- 9—Confirm the shipment

The package count (Child Return Count or CRN) and package creation date return in Field 116 (Total Package Count). If the following fields are set to **Y**, Field 116 does not return:

- 1—Create an Open Ship shipment
- 2—Route/time in transit
- 5—Edit a piece
- 3—Rate
- 8—Delete the shipment

10.8 Requesting FedEx IDD Surface Solutions Rate/Route/Time-in-Transit

Flexible shipping requirements are provided as part of the FedEx International DirectDistribution Surface Solutions Service. You can request rate, route and time-in-transit information for your shipments using the Open Ship 020 Global Ship Request transaction

10.8.1 Requesting Shipment Route/Time-in-Transit Information

To request routing/time-in-transit information for a FedEx International DirectDistribution Surface Solutions shipment, the fields in Table 191 must be included in a FedEx International DirectDistribution Surface Solutions Open Ship 020 Global Ship Request transaction.

Table 105: Fields to Request ROUTE and Time-in-Transit

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Open Ship MPS |
				Carrier Code (Services)	Valid for	
Recipient Postal Code						
17	Max=10	A	I	FDXE FDXG FDXT	INTL	Required* **Description** • Postal code for the city and state or province code of the Recipient address. • For a list of countries that use postal codes, see Appendix C in the *FedEx Ship Manager® Server Transaction Coding Reference Guide*.
Meter Number						
498	Min=7 Max=9	N	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required* or Defaulted. **Description**

| Field ID | Field length | Data type | Input\ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Open Ship MPS

						• Unique number assigned to a FedEx shipping account, which is used in each transaction to identify the revenue/shipping activity of a shipment. This field ensures the tracking number obtained is from the range assigned in the requesting meter.
						
						• Default: Parent meter number.
						
						• *Required:
						  o If the meter number is different than the meter number configured as the default.
						  o For reprinting reports.
						
						Note: Field ID 10, Account Number, may be used instead of Field ID 498, Meter Number, if there is only one meter per FedEx Express account number on the server. For shipping, use Single Shot, Single Piece, Open Ship, or MPS.
						
						Meter numbers may be any length up to nine-digits.

Open Ship Flags						
541	Max=9	A	I	FDXE FDXG FDXT	INTL	Required* • Identifies transaction functions using nine one-byte flags which are set to Y to indicate shipment level or package level flag. • *Required for Open Ship. • Specify Y in the position(s) of the Open Ship functions used for a given transaction. Specify N in all other positions. All flags must be used and must be either Y or N. If you enter all Ns, all Open Ship functions are disabled. • Default: YNNNNNNNY (CREATE and CONFIRM the Open Ship shipment.) • Each one-byte flag is defined in sequence in the following array: o 1 — CREATE an Open Shipment

| Field ID | Field length | Data type | Input\ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Open Ship MPS
						○ 2 — ROUTE/Time in Transit ○ 3 — RATE ○ 4 — ADD a piece/package ○ 5 — EDIT a piece/package ○ 6 — EDIT/ADD data to the entire shipment ○ 7 — DELETE a package ○ 8 — DELETE the shipment ○ 9 — CONFIRM the shipment - For shipping, use Open Ship. - Refer FedEx Ship Manager® Server Developer Guide for shipping rules.
Open Ship Index						
542	Max=9	N	I	FDXE FDXG FDXT	INTL	Field level: Package **Required** *Required for Openship. **Description** - Openship Index field is a unique number per Openship shipment per meter. It is set to the unique number passed in the CREATE transaction. - For shipping, use Openship. *Note: Field 542 is not:* - Required if you are simultaneously performing a CREATE or ADD transaction. - Used for IPD open shipping. Instead use - Field 1355 (IOR Facility Code) with Field 24 (Ship Date) and Field 1274 (Service Type) to form a unique shipment - Examples of simultaneous transactions are YYNNNNNNN which performs a shipment level CREATE and Route/Time in Transit transaction or NYNYNNNNN which performs a package level ADD and shipment level Route/Time in Transit together in the same transaction.

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description
Transaction: 020 Global Ship Request - Open Ship MPS |
				Carrier Code (Services)	Valid for	
Rate/Route/Time-in-Transit Flag						

1234	Max=1	N	I	FDXE
				FDXG
				FDXT
					INTL	Optional
						Description
						• Indicates the Rate/Route/Time in Transit flag.*
						• Valid values are:
						   o 1—Rate Quote
						   o 2—Route/Time in Transit
						   o 3—Rate Quote and Route
						• Passing this field in a transaction returns a rate quote only, and the shipment is not processed for shipping.
						• To ship a package after a rate/route request, code this field in a new 020 Transaction with no value; for example: 1234,""
						Note: For Open Ship shipments you can also capture rate quotes by setting position 3 to Field 541 (Open Ship Flags) to Y.

Service Type						
1274	Min=2 Max=3	N	I/O	FDXE FDXG FDXT	INTL	Field level: Shipment Required* **Description** • Specify the Service type for FedEx International DirectDistribution Surface Solutions. • Must include with Field 541 (Open Ship Flags) in the Open Ship CREATE transaction. • Valid service type is: 82—FedEx International DirectDistribution Surface Solutions Service for CA/MX.
Carrier Code						
3025	Max=4	A	I	FDXE	INTL	Required*

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Open Ship MPS |
				Carrier Code (Services)	Valid for	
				FDXG FDXT		**Description** • Specify the carrier code on which to perform the Close function. • Valid value is: • FDXT—FedEx International DirectDistribution Surface Solutions* • *FedEx International DirectDistribution Surface Solutions is a contract-only service. Contact your FedEx account executive for more information.

The route/time-in-transit information for your shipment is returned in the 120 Global Ship Reply transaction reply. This data is determined from the FedEx International DirectDistribution Surface Solutions U.S. drop-off location postal code configured for your FedEx International DirectDistribution Surface Solutions shipping contract.

10.8.2 Requesting rate quotes

To request rate quotes for your FedEx IDD Surface Solutions shipment, include the fields in Table 192 in the FedEx International DirectDistribution Surface Solutions Open Ship 020 Global Ship Request transaction.

Table 106: Fields to request rate quotes for FedEx IDD surface solutions shipments

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Open Ship MPS |
				Carrier Code (Services)	Valid for	
Recipient Postal Code						
17	Max=10	A	I	FDXE FDXG FDXT	INTL	Required* **Description** • Postal code for the city and state or province code of the Recipient address. • For FedEx international shipments: Canada (CA), Puerto Rico (PR) and U.S. must always use valid postal codes. • For a list of countries that use postal codes, see Appendix C in the *FedEx Ship Manager® Server Transaction Coding*

| Field ID | Field length | Data type | Input\ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Open Ship MPS
						Reference Guide.
Package Height						
57-#	Max=3	N	I	FDXE FDXG FDXT	INTL	Field level: Package Required* **Description** - Height measurement per package. - No implied decimal places. - For FedEx Ground® Economy: field is optional; always enter in inches. FedEx Ground® Economy maximum height: 17".
Package Width						
58-#	Max=3	N	I	FDXE FDXG FDXT	INTL	**Field-Level:** Package Required* **Description** - Width measurement per package. - No implied decimal places. - For FedEx Ground® Economy: field is optional; always enter in inches.
Package Length						
59-#	Max=3	N	I	FDXE FDXG FDXT	INTL	Field level: Package Required* **Description** - Length measurement per package. - No implied decimal places. - For FedEx Ground® Economy: field is optional; always enter in inches.
Weight Units						
75	Max=3	A	I	FDXE FDXG FDXT	INTL	Field level: Shipment Required* or Defaulted. **Description**

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Open Ship MPS

						Indicates the unit of weight used for the shipment.
						
						• *Required if your shipment is calculated in kilograms (KGS).
						
						• Valid values are:
						
						   o LBS — Weight in pounds (default for U.S. to U.S.)
						
						   o KGS — Weight in kilograms (for all international)
						
						Note: For intra-U.S. shipments, you may enter the weight in LBS or KGS. If shipping from any U.S. origin to any international destination, then LBS or KGS are required for this field and must be included in the transaction.

Meter Number						

498	Max=11.2	N	I	FDXE
				FDXG
				FDXT
					INTL	Field level: Shipment
						Required* or Defaulted.
						Description
						
						• Unique number assigned to a FedEx shipping account, which is used in each transaction to identify the revenue/shipping activity of a shipment. This field ensures the tracking number obtained is from the range assigned in the requesting meter.
						
						• Default: Parent meter number.
						
						• *Required:
						
						   o If the meter number is different than the meter number configured as the default.
						
						   o For reprinting reports.
						
						Note: Field ID 10, Account Number, may be used instead of Field ID 498, Meter Number, if there is only one meter per FedEx Express account number on the server. For shipping, use Single Shot, Single Piece, Open Ship, or MPS.
						
						Meter numbers may be any length up to nine-digits

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Open Ship MPS
Open Ship Flags						

541	Max=9	A	I	FDXE FDXG FDXT	INTL	Required*
						
						• Identifies transaction functions using nine one-byte flags which are set to Y to indicate shipment level or package level flag.
						
						• *Required for Open Ship.
						
						• Specify Y in the position(s) of the Open Ship functions used for a given transaction. Specify N in all other positions. All flags must be used and must be either Y or N. If you enter all Ns, all Open Ship functions are disabled.
						
						• Default: YNNNNNNNY (CREATE and CONFIRM the Open Ship shipment.)
						
						• Each one-byte flag is defined in sequence in the following array:
						
						  o 1 — CREATE an Open Shipment
						
						  o 2 — ROUTE/Time in Transit
						
						  o 3 — RATE
						
						  o 4 — ADD a piece/package
						
						  o 5 — EDIT a piece/package
						
						  o 6 — EDIT/ADD data to the entire shipment
						
						  o 7 — DELETE a package
						
						  o 8 — DELETE the shipment
						
						  o 9 — CONFIRM the shipment
						
						• For shipping, use Open Ship.
						
						• Refer FedEx Ship Manager® Server Developer Guide for shipping rules.

Open Ship Index						
542	Max=9	N	I	FDXE FDXG FDXT	INTL	Field level: Package Required *Required for Openship.

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Open Ship MPS
						Description • Openship Index field is a unique number per Openship shipment per meter. It is set to the unique number passed in the CREATE transaction. • For shipping, use Openship. *Note: Field 542 is not:* • Required if you are simultaneously performing a CREATE or ADD transaction. • Used for IPD open shipping. Instead use • Field 1355 (IOR Facility Code) with Field 24 (Ship Date) and Field 1274 (Service Type) to form a unique shipment • Examples of simultaneous transactions are YYNNNNNNN which performs a shipment level CREATE and Route/Time in Transit transaction or NYNYNNNNN which performs a package level ADD and shipment level Route/Time in Transit together in the same transaction.
Rate/Route/Time-in-Transit Flag						

1234	Max=1	N	I	FDXE
				FDXG
				FDXT
					INTL	Optional
						Description
						
						• Indicates the Rate/Route/Time in Transit flag.*
						
						• Valid values are:
						
						    o 1—Rate Quote
						
						    o 2—Route/Time in Transit
						
						    o 3—Rate Quote and Route
						
						• Passing this field in a transaction returns a rate quote only, and the shipment is not processed for shipping.
						
						• To ship a package after a rate/route request, code this field in a new 020 Transaction with no value; for example:

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Open Ship MPS |
				Carrier Code (Services)	Valid for	
						1234,"" *Note: For Open Ship shipments you can also capture rate quotes by setting position 3 to Field 541 (Open Ship Flags) to Y.*
Service Type						
1274	Min=2 Max=3	N	I/O	FDXE FDXG FDXT	INTL	Field level: Shipment Required* **Description** • Specify the Service type for FedEx International DirectDistribution Surface Solutions. • Must include with Field 541 (Open Ship Flags) in the Open Ship CREATE transaction. • Valid service type is 82—FedEx International DirectDistribution Surface Solutions Service for CA/MX.
Fractional Package Weight						
1670-#	Max=8.2	N	I	FDXE FDXG FDXT	INTL	Required* **Description** • Weight of package or shipment. • *Required for FedEx International DirectDistribution Surface Solutions and to receive rate quotes. • This weight field supports two implied decimals for ALL shipments and does not require any distinction between FedEx Express, FedEx Ground or FedEx International shipping. • Value accepts two implied decimal places, therefore 15000 means 150.00 pounds. • For all FedEx International and intra-Canada Shipping, you may enter the total shipment weight rather than the individual package weights. If you enter the total shipment weight, you must

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Open Ship MPS |
				Carrier Code (Services)	Valid for	
						also use Field 116 (Package Total) to indicate the total number of packages in the shipment.

The rate information for your shipment is returned in the 120 Global Ship Reply transaction reply. This data is determined from the FedEx International DirectDistribution Surface Solutions U.S. drop-off location postal code configured for your FedEx International DirectDistribution Surface Solutions shipping contract.

Note: Base rates downloaded to the FSMS client to be used for FedEx International DirectDistribution Surface Solutions shipping only are in U.S. dollars (USD).

10.8.3 Requesting delivery time

When you request delivery time based on the origin and destination for your FedEx International DirectDistribution Surface Solutions shipment, the fields in Table 193 are returned in the FedEx International DirectDistribution Surface Solutions Open Ship120 Global Ship Reply transaction:

Table 107: Fields for Requesting delivery time

For...	Origin/Destination	Use 120 Global Ship Reply Fields...
FedEx Express	U.S./CA CA/U.S.	409— Delivery by Date 194— Delivery Day 33— Service Commit 1981— Delivery Time
FedEx Ground	U.S./CA CA/U.S. CA/CA	3058 — Time in Transit 1981 — Delivery Time 2450 — Deliver by Time

10.8.4 Optional commodity fields for FedEx IDD surface solutions master shipment

For FedEx International DirectDistribution Surface Solutions origins: Canada (IDD CA) and Mexico (IDD MX), the following two fields in Table 194 are not required when using the 020 Global Ship Request transaction to create the Open Ship FedEx International DirectDistribution Surface Solutions master shipment:

Table 108: Optional commodity fields for FedEx IDD surface solutions shipment

Transaction	Optional Fields	Valid Values
020/120 Global Ship Request/Reply Shipping Transaction		
79-#	Description of Contents	• Description of contents of a commodity shipment. • Optional for (shipment level) CREATE master IDD Surface shipment transaction. • Required for (package level) ADD PIECE to IDD Surface shipment transaction.
80-#	Country of Manufacture	• Country code where commodity contents were produced or manufactured in their final form. • Optional for shipment level IDD Surface create master shipment transaction. • Required for package level IDD Surface add shipment piece transaction.

10.9 FedEx IDD surface solutions labels

FedEx International DirectDistribution Surface Solutions shipments are created using the Open Shipping method which allows you to print labels at the end when you CONFIRM the shipment (Print-At-The-End mode). For more information about Open Ship, see [Chapter 3: Open Shipping](#)

There is no label for the master (Canada to U.S.) shipment. Although multiple piece shipping (MPS) is allowed, the child label always shows a "one-to-one" relationship with the package for which it was generated. FedEx International DirectDistribution Surface Solutions labels do not display any package counts (for example: package 3 of a 10 package shipment does not display "3 of 10" on the label).

A FedEx International DirectDistribution Surface Solutions Mexico shipment prints a Master air waybill (MAWB) at the time the FedEx International DirectDistribution Surface Solutions shipment is confirmed.

10.9.1 FedEx IDD surface solutions label formats

This section provides a brief description of the FedEx International DirectDistribution Surface Solutions labels and includes FedEx International DirectDistribution Surface Solutions label samples with field descriptions.

> *Note: The label formats supported by the FedEx International DirectDistribution Surface Solutions service are the 4" x 6" thermal label (doc-tab and non doc-tab) and the PNG format (printed as a laser label). Information for configuring a label printer is provided in this guide.*

Custom labels are supported for FedEx International DirectDistribution Surface Solutions shipping.

The table below lists the printer types supported by FSMS for FedEx International DirectDistribution Surface Solutions shipping:

Table 109: FedEx IDD surface solution labels

Printer	Shipping Type Supported
Eltron LP2348	FedEx Express and FedEx Ground
Eltron Orion LP2443	FedEx Express and FedEx Ground
Zebra DA402	FedEx Express (and FedEx Ground v 7.2 and higher)
Laser	For FedEx Express and FedEx Ground using PNG (Portable Network Graphic) format only

You may also override any printer configuration settings in the FSMS Configuration Utility by using the label printer fields provided as part of the 020 Global Ship Request transaction set.

More information regarding these fields is provided in the FedEx Ship Manager® Server Transaction Coding Reference Guide.

In FSMS version 8.4, a label buffer is returned for FedEx International DirectDistribution Surface Solutions shipments that makes it possible to customize the label that prints on your printer. For information about FSMS labels, refer Label and form transactions.

Figure 22: FedEx Express Priority Overnight FedEx IDD surface solutions label

10.10 FedEx Ground Commercial Invoice

You can generate a FedEx Ground Commercial Invoice for all your FedEx Ground shipments.

Print and upload the Ground Commercial Invoice by including Field 113 (Commercial Invoice Print and Upload Flag) in your FedEx Ground shipping transaction.

The Commercial Invoice (CI) contains the following shipment data of

- Which buyers and associated shipments qualify for Section 321 of the Tariff Act of 1930.

  Note: Merchandise (with the exception of textiles, waste and garbage shipments) valued at less than $200 U.S. may be released without entry or payment of duty.

- Which buyers and associated shipments qualify for Pre-Arrival Processing System (PAPS)

  Note: The Pre-Arrival Processing System (PAPS) is a U.S. Bureau of Customs and Border Protection (CBP) cross-border cargo release mechanism that uses barcode technology to expedite the release of commercial shipments while still processing each shipment through Border Cargo Selectivity (BCS) and the Automated Targeting System (ATS).

  Each PAPS shipment requires a unique barcode label, which the carrier attaches to the invoice and the truck manifest while the merchandise is still in Canada. The barcode consists of the U.S. Standard Carrier Alpha Code (SCAC) and Pro-Bill number. This information is then faxed ahead to the Customs broker in the U.S., who prepares a BCS entry in the Automated Commercial System (ACS). Upon the truck's arrival at the border, the Customs Inspector scans the barcode, which automatically retrieves the entry information from ACS. If no examination is required, the Inspector then releases the truck from the primary booth, reducing the carrier's wait time and easing congestion at the U.S. border.

10.11 FedEx Consolidated Commercial Invoice

The following is a review of each section of the FedEx Consolidated Commercial Invoice (CCI).

FedEx CCI Header

The CCI header provides the following shipment information:

- Ship Date

- International Air Waybill Number — Master air waybill (MAWB) tracking number for the shipment

- Invoice Number — FedEx-generated invoice number for the shipment

FedEx CCI Shipment Summary

The summary section which prints after the CCI header information provides this shipment level information:

- Shipper — identification of shipper from your shipper record

- Consignee — FedEx location where the shipment is cleared by Customs

- Broker — broker identification if you use a broker other than FedEx

- Importer of Record — importer identification if an importer other than the shipper is used

- Package Summary — totals for the shipment, including Weight, Currency Type and number of packages (CRN)

- Layout — groups the commodity and organizes it in a logical manner. The criteria for grouping commodities are exact matching values of the following fields:

- o Description
- o Country of Manufacture
- o Unit of measure
- o HS Code (optional)

FedEx CCI CRN Data

Following the CCI summary section is the individual package information identifying each package in the shipment. This information is entered as part of the request transaction and is required to clear packages through Customs.

CCI Totals

A total of all package values for the shipment is listed at the bottom of the CCI. These totals include:

- Total Shipment Weight—total weight of all packages in the shipment

- Total Express Weight—total weight of packages to be shipped using FedEx Express after packages have cleared Customs. When added to the Total Ground Weight, the sum equals the Total Shipment Weight.

- Total Ground Weight — total weight of packages to be shipped using FedEx Ground after packages have cleared Customs. When added to the Total Express Weight, the sum equals the Total Shipment Weight.

- Total Commodity Value — total declared commodity value of all packages in the shipment

- INCOTERM — terms of sale for the shipment. For example: if FOB/FCA is selected, this indicates Free on Board/Free Carrier as the terms of sale.

- Freight — total freight charges for the shipment

- Insurance — insurance costs for the shipment

- Other — total of any ancillary charges incurred for shipping

- Total Invoice Value — total value derived from the sum of the Total Commodity Value, Freight, Insurance, and Other.

10.12 FedEx Ground pickup manifest for FedEx IDD surface solutions

The FedEx Ground Pickup Manifest for FedEx International DirectDistribution Surface Solutions is identical to the standard report generated for any type of FedEx Ground package shipping. It is required by the FedEx Ground courier to tender packages for shipping.

It provides a summary of the packages picked up on a given day to the FedEx Ground courier and provides the following information:

- Sender's account number

- Sender's meter number

- Tracking number for all packages

- C.O.D. amount (if applicable)

- Declared value (if applicable)

- Number of Oversize I packages

- Number of Oversize II packages

- Number of packages requiring additional handling

- Number of residential delivery packages

- Total number of packages

- Pickup number

If you have chosen to ship any FedEx International DirectDistribution Surface Solutions packages using FedEx Ground or FedEx Home Delivery, the FedEx Ground Pickup Manifest prints after you CONFIRM the shipment.

10.13 FedEx Express courier report for FedEx IDD surface solutions

The Express Courier Report for FedEx International DirectDistribution Surface Solutions is identical to the report generated for express package shipping. It is printed after you confirm a shipment when you use the FedEx Express service to ship one or more FedEx International DirectDistribution Surface Solutions packages. The Express Courier Report is required to tender packages for express shipping.

11 FedEx International Priority DirectDistribution

FedEx International Priority DirectDistribution® is a service that helps you manage multiple-package shipments from a single origin location to multiple addresses in one destination country. FedEx clears your shipment through Customs as a single consolidated shipment and after Customs clearance, delivers to individual recipients within the country.

This chapter introduces FedEx International Priority DirectDistribution® (IPD), FedEx International Economy DirectDistribution℠ (IED) and FedEx International Priority DirectDistribution Freight® (IDF) and provides instructions for configuring these services on your system. You will also find information about FedEx Ship Manager® Server (FSMS) transaction workflow and rules and how to code Open Ship transactions for IPD/IED/IDF shipments. Refer IPD/IED/IDF Transaction Samples for example templates for integrating FSMS transactions within your applications.

11.1 FedEx International Priority DirectDistribution

FedEx International Priority DirectDistribution® allows you to send a multiple-package shipment from a single origin location to multiple recipients in one destination country using one FedEx® International Air Waybill. After customs clearance, the shipment is broken down into individual packages and delivered to the final recipients within the same destination country.

11.1.1 Single shipment through customs

IPD/IED/IDF shipments move and clear destination Customs as a single shipment. The entire shipment is consigned to (and entry is made) in the name of only one importer of record (IOR). The shipment must also come from a single exporter of record. Individual pieces within the shipment are delivered to the recipient indicated on each FedEx Express® Shipping or Express Manifest label. International Priority Freight (IPF) standards and restrictions for size, weight, and commodity types apply to individual packages in an IPD shipment.

11.1.2 Single point of clearance

IPD/IED/IDF services also allow single point of clearance (SPOC), which permits you to send an IPD/IED/IDF consolidated shipment that includes packages to multiple countries in the European Union. These packages are cleared at a single Customs point; after clearance, the shipment is broken up for delivery to multiple countries.

If you require FedEx International Priority DirectDistribution, FedEx International Economy DirectDistribution Service or FedEx International Priority DirectDistribution Freight service configuration, you must call your FedEx account executive. These are contract services which must be configured by a FedEx Customer Support representative.

Note: Effective Jan 2021,

- *Since the United Kingdom (GB) will not be part of European Union (EU), shipments between the United Kingdom (GB) and European Union (EU) are customs controlled. Similarly, shipments between the United Kingdom (GB) and the rest of the world, including Switzerland, Norway, Iceland, and Liechtenstein need customs clearance documents.*
- *United Kingdom (GB) is no longer the International Priority Distribution single point of clearance (SPOC) for the European Union (EU).*
- *IPD/IED/IDF SPOC distribution shipments between the United Kingdom (UK) and European Union (EU):*
  - *Will not contain Child shipments (Child reference numbers (CRNs)) destined to the United Kingdom (UK)*

    ○   *Will not contain master shipments destined to European Union (EU) cleared in the United Kingdom (UK)*

11.1.3 Multiple-Piece Freight shipments

In addition to providing IPD service, you can ship multiple-piece freight shipments (exceeding 150 pounds/68 kilograms) using FedEx International Priority DirectDistribution Freight (IDF). All pieces must be skidded to ship IDF.

> *Note: You must have a service contract on file with FedEx before you can process your IPD/IED/IDF shipments. For more information, contact your FedEx account executives.*

See the FedEx Ship Manager® Server Services and Shipping Guide for information about FedEx International Priority DirectDistribution, FedEx International Economy DirectDistribution and FedEx International Priority DirectDistribution Freight service features and details.

11.1.4 IPD/IED/IDF package and shipment restrictions

The following is a list of Customer Reference Number (CRN) (aka packages) restrictions that apply to creating IPD/IED/IDF transactions:

- You may list only one recipient on each CRN. A single recipient may have more than one package; however a single package may not have more than one recipient.

- You can process several IPD/IED/IDF shipments simultaneously providing that the meter number, ship date and clearance facility/destination country do not match.

- You must not add more than 9,998 CRNs on a single master air waybill.

- Dimensional weight does not apply to an individual CRN in the shipment. It applies to the entire shipment.

11.1.5 IPD/IED/IDF package size and weight restrictions

Familiarize yourself with IPD/IED/IDF package restrictions before you process your shipment. These restrictions are built into the FedEx Ship Manager Transaction logic and produce errors when not followed.

- Restrictions for individual package size, weight and commodity type are the same as those for International Priority Freight shipments.

- Dimensional weight does not apply to an individual CRN in the shipment. It applies to the entire shipment.

- You are not limited to a shipment weight for an IPD/IED/IDF shipment. However, you cannot ship an individual piece for an IDF shipment that is less than 68 kilograms/151 pounds.

11.1.6 Getting started with IPD/IED/IDF

Before you can create transactions for IPD/IED/IDF services, you must work with your FedEx account representative to configure the services in the FSMS Configuration Utility.

Refer <u>section 14.2 Configuring IPD/IED/IDF</u> for information about how to configure your FSMS system for IPD/IED/IDF services.

11.2 Configuring IPD/IED/IDF

You use the FedEx Ship Manager® Server Configuration Utility to configure the application for IPD/IED/IDF services. You need Field level access privileges to configure IPD/IED/IDF settings.

If you have already contracted for any of the contract-only services, you can perform the IPD/IED/IDF configuration tasks.

To open the FedEx Ship Manager® Server Configuration Utility and set access privileges

1. Double-click the **FedEx Ship Manager® Server** folder on your desktop to display the FSMS shortcuts.

2. Double-click the FedEx Ship Manager® Server Configuration icon.

3. If you need to change the access level, click **Access Privileges**.

4. The **Access Privileges** dialog box appears.

Figure 23: Access Privileges dialog box

5. Enter your password. For **User Level** access, leave the **Password** field blank. For **User Level View** access, type **View** as the password. (Be sure to type a capital "V". The password field is case-sensitive.) For **Field level** access, type the password provided by your FedEx account executive.

6. Click **OK** to continue.

7. If you have contracted for IPD/IED/IDF services, your FSMS Configuration Utility includes the **IPD / IED / IDF Settings** tab, as shown in the following figure.

Figure 24: IPD/IED/IDF Settings tab

11.2.1 IPD/IDF Settings tab and Importer of Record

The IPD/IDF Settings tab displays important configuration information for your shipping application. Table 196 describes each field.

Table 110: IPD/IF Settings

Field Name	Field Description
APD	IDF Appointment Delivery: If you contract to use IDF Appointment Delivery (APD), you may select to have all packages (on the MAWB or shipment level) delivered by appointment or you may select to have individual packages (but not the whole shipment) delivered by appointment. The checkbox in this field indicates that you have contracted for Appointment Delivery. Implementation of this feature is done with the shipping transaction.
FedEx Non Rev Account	A FedEx Non Revenue Account Number is entered during configuration to support the delivery of the IPD/IDF Overnight Letter functionality. Your FedEx account representative must supply this number. This is the non-rev account number of the origin FedEx location. The IPD/IDF Overnight Letter functionality provides a label for a FedEx

Field Name	Field Description
	Envelope pouch. When an IPD/IDF shipment is completed, The Master AWB labels and all of the Customs documentation for the shipment are placed in the FedEx Envelope. The IPD/IDF OL label is fixed to the outside of the Envelope and the Envelope is given to the FedEx Courier to be picked up while FedEx picks up the IPD/IDF shipment. The Overnight Letter option ensures that Customs receives the necessary clearance information before the IPD/IDF shipment arrives at the clearance point.
IDF Checkbox	This box is checked during configuration if you have contracted to ship using the IDF service.
IED Checkbox	This box is checked during configuration if you have contracted to ship using the IED service.
IPD Checkbox	This box is checked during configuration if you have contracted to ship using the IPD service.
PCV	IDF Piece Count Verification: If you contract to use IDF Piece Count Verification (PCV), you may code your IDF shipping transaction to do a piece count verification prior to tendering the package to the FedEx courier. This step protects against theft and shrinkage by reconciling the actual ship count (performed by the FedEx Courier) vs. the piece count that prints on the IDF label. The checkbox in this field indicates that you have contracted for IPD Piece Count Verification. Implementation of this feature is done with the shipping transaction.
Verify Non Rev Account	The FedEx Non Revenue Account number supplied for delivery of the IPD/IDF Overnight Letter is entered a second time for account number verification.

Importer of Record

The **IPD/IDF Settings** window allows FedEx to enter your selected Importer of Record for each destination to which you ship using the IPD/IDF service.

Figure 25: IPD Importer of Record

The Importer of Record table is controlled by the buttons at the bottom of the table. The buttons enable you to:

- View a selected IOR record
- Add a new IOR record
- Modify an existing record
- Delete an Importer of Record

To add a new IOR record

1. Click **Add** to open the **Add IPD Importer of Record** dialog box, as shown.

2. Provide the information about this importer.

3. When you are finished, click **Add**.

Import Clearance Facilities

When an Importer of Record is added for IPD/IDF shipping, a list of FedEx Clearance Facilities appears. The correct Clearance Facility code must be entered for each destination to which you ship IPD/IDF

shipments. The **Import Clearance Facilities** button allows the loading of additional facilities by diskette if a clearance facility does not appear on the list.

To manually add an Import Clearance Facility:

1. Open the IPD / IED / IDF Settings tab.

2. Click **Import Clearance Facilities**. A file selection dialog box opens.

3. Browse to the location where you placed the FedEx Clearance Facility file.

4. Select the file and then select **Open**.

11.2.2 IPD/IDF Report Configuration

The **Report Settings** tab of the FSMS Configuration Utility is described in your FedEx Ship Manager® Server Installation and Configuration Guide. However, there are specific configuration settings that pertain to IPD/IDF reporting:

When selecting an output type for reports, the TXT format is not recommended for IPD/IDF reports. If you have selected TXT as your default output format during installation, contact your FedEx Customer Support Representative to change your configuration.

Configure IPD/IDF reports to be sent to either a printer or to an output file.

To access IPD/IDF reports

1. In the FedEx Configuration Utility, click the Report Settings tab.

2. In the Reports tree, expand the IPD and IDF levels to see the reports available as shown.

Figure 26: Distribution IPD/IED Reports
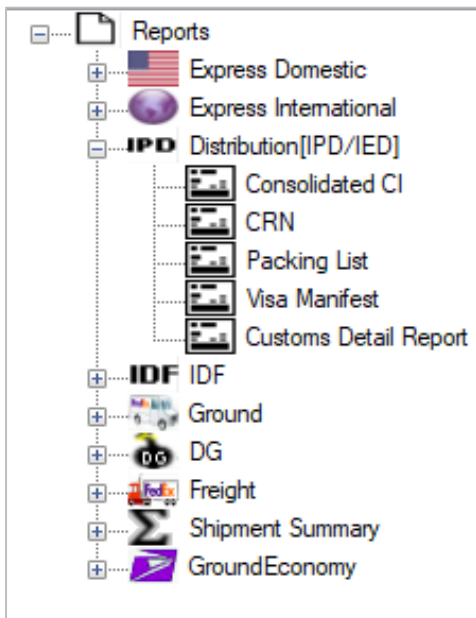
List of IPD/IED/IDF Reports

The following IPD/IED/IDF Reports are provided in FSMS:

- IPD Reports:
    - Consolidated Commercial Invoice
    - CRN Report
    - Customs Packing List
    - Visa Manifest
- IDF Reports:
    - Consolidated Commercial Invoice
    - CRN Report
    - Customs Packing List
    - Visa Manifest
- IED Reports:
    - Consolidated Commercial Invoice
    - CRN Report
    - Customs Packing List
    - Visa Manifest

11.3 About FedEx IPD/IED/IDF transactions

This section provides a brief description of the FSMS transactions used to create IPD, IED and IDF shipments. In addition to information about the IPD/IDF/IED 020 Global Ship Request transaction, this section also provides some basic shipping rules and sample transactions to help you code the IPD, IED, and IDF services to your shipping specifications.

Note: Commodity information incorporates the multiple occurrence fields, which allows you to enter up to 9,998 commodities for the commercial invoice or air waybill.

More information about the 020/120 shipping transaction set (including Open Ship) and multiple occurrence handling is provided in this guide and in the FedEx Ship Manager® Server Transaction Coding Reference Guide.

11.3.1 Transaction rules and restrictions

Before you begin coding IPD/IED/IDF shipping transactions, become familiar with some basic IPD/IED/IDF shipping rules.

This information helps you create error-free transactions and provides basic understanding of how FSMS handles shipping requests.

Shipping Methods

Use the Open Ship shipping method to create, process and complete IPD/IED/IDF shipments. IPD/IED/IDF supports multiple-package shipments from one origin location to multiple recipients in one destination country using a single FedEx International Air Waybill.

Note: Normally, Field 542 is used for open shipping. However, for IPD Open Ship, use Field 1355 (IOR Facility Code) with Field 24 (Ship Date) and Field 1274 (Service Type) to form a unique shipment.

Shipper and Recipient

When entering Shipper and Recipient information in transaction fields, keep in mind the following rules for shipping to geographical regions:

- All customer Reference numbers (CRN) are on a single master air waybill; therefore, you are allowed to ship to a single recipient address for IPD and IDF. You must provide at least two addresses for IED shipments.

- You can ship IPD shipments to a single point of clearance (SPOC) in the European Union (EU). These packages are cleared at a single Customs point; after clearance, the shipment is broken up for delivery to multiple countries.

    Note: Effective Jan 2021,

- *Since the United Kingdom (GB) will not be part of European Union (EU), shipments between the United Kingdom (GB) and European Union (EU) are customs controlled. Similarly, shipments between the United Kingdom (GB) and the rest of the world, including Switzerland, Norway, Iceland, and Liechtenstein need customs clearance documents.*
- *United Kingdom (GB) is no longer the International Priority Distribution single point of clearance (SPOC) for the European Union (EU).*
- *IPD/IED/IDF SPOC distribution shipments between the United Kingdom (UK) and European Union (EU):*
    - *Will not contain Child shipments (Child reference numbers (CRNs)) destined to the United Kingdom (UK)*
    - *Will not contain master shipments destined to European Union (EU) cleared in the United Kingdom (UK)*

- IPD/IDF/IED service to the U.S. covers only the 50 U.S. states; shipments to U.S. territories such as Guam and U.S. Virgin Islands must be shipped using regular FedEx International Priority® service. Shipments to Puerto Rico cannot be combined with packages that have destinations within the 50 U.S. states.

Customs and Shipping Documents

- Irrespective of shipment value, you are required to file valid EEI, if the shipment is originated from U.S., U.S. Virgin Islands or Puerto Rico to the destination country China, Russia, or Venezuela.

- For other destinations, you are required to file an EEI for all U.S. export shipments if one or more commodities (Schedule B number) total more than $2,500 USD in the consolidated shipment on any given day. The EEI is the equivalent electronic version of the Shipper's Export Declaration (SED). You may file one Automated Export System (AES) filing for all commodities in the shipment that must be reported to the U.S. Customs and Border Protection (CBP). Check with the FedEx Regulator for details if you have any questions on filing with AES, Refer Electronic Export Information

- If you are the shipper, you must provide the required AES (Automated Export System) information required for the Electronic Export Information (EEI) regardless of whether FedEx files the EEI or the customer files their own EEI.

- After receiving your AES ITN, modify any information entered during the CONFIRM transaction by setting Field 541 value 6 to Y and entering the ITN in Field 1358.

Exporter and Importer of Record

- You must identify a single exporter of record in the origin country. If FedEx is filing the Electronic Export Information (EEI), you must include Field 183 (Sender Phone Number). You must also include Field 1139 (Sender IRS/EIN/EORI Number) if no exporter Employer Identification Number (EIN) or Internal Revenue Service (IRS) number is provided.

- Identify only one importer of record (IOR) in the destination country for the entire shipment. An IOR is listed as the "Sold To" party for the consignment and is not required to be the actual recipient. Enter the IOR contact in Field 170 (Importer of Record Contact Name).

- If you are clearing the IPD shipment in a country with more than one clearance location, then use the following clearance location unless otherwise directed by the FedEx implementation team:

    - Canada: YWGI
    - China: SZXI
    - Japan: QCBI
    - Malaysia: KULI
    - Mexico: TLCI
    - Philippines: SFSI
    - U.S.: As Directed

Customer Reference Number (CRN) - aka Packages

- You may list only one recipient on each CRN. A single recipient may have more than one package; however, a single package may not have more than one recipient.

- Restrictions for individual package size, weight and commodity type are the same as those for International Priority Freight shipments. Refer IPD/IED/IDF package size and weight restrictions for details.

- Dimensional weight does not apply to individual CRN in the shipment. It applies to the entire shipment.

- You can process several IPD/IED/IDF shipments simultaneously providing that the meter number, ship date and clearance facility/destination country do not match.

- You must not add more than 9,998 CRN on a single master air waybill.

Weight Limits

You are not limited to a shipment weight for an IPD/IED/IDF shipment. However, you cannot ship an individual piece for an IDF shipment that is less than 68 kilograms/151 pounds.

Labels

You must print at least one FedEx Express label for each recipient delivery.

Payment

- Do not include Collect on Delivery fields. C.O.D. is not available.

- When selecting Payment Type in Field 23 only 1 (Bill Sender) and 3 (Bill Third Party) are allowed for transportation charges and for duties and taxes.

11.4 IPD/IED vs IDF

To help you decide whether to use IPD/IED or IDF shipping, see Table 197, which outlines the differences in IPD/IED and IDF requirements.

Table 111: IPD/IED vs. IDF

Feature	IPD/IED	IDF
Acceptance of Dry Ice	CRNs less than 151 pounds (68 kg) only	Not Available
Commit Date/Time	Current IPD commitment time is the delivery date plus 1 day. Current IED commitment time is the delivery date plus 4 days.	Current IDF commitment time is the International Priority DirectDistribution Freight delivery date plus 1 day.
Manifest	CRNs<150 lbs (68 kg) manifested as IPD/IED CRNs>150 lbs (68 kg) manifested as IDF	All pieces manifested as IDF
Minimum/Maximum Weight per CRN (Child Reference Number)	1 lbs/2,200 lbs 0.1 kg/1,000 kg	151 lbs/2,220 lbs 68 kg/1,000 kg
Minimum Billable Weight	2 lbs per MAWB 1 kg per MAWB	302 lbs per MAWB 137 kg per MAWB
Optional Appointment Delivery per CRN	Not Available	Available
Optional Piece Count Verification per CRN	Not Available	Available
Minimum number of packages/addresses	IPD - 2 packages, 1 address IED - 2 packages, 2 addresses	2 skids, 1 address

11.5 Master Air Waybill for field details.

These are applicable for transactions - 020/120 Global Ship Request/Reply in Create Shipment and MAWB Transaction No Entry Fields.

Table 112: Fields with No Entry Values in Create MAWB

Transaction	Available Fields	Valid Values
1670	Fractional Package Weight	Enter the weight of the package (or shipment) being shipped. *Note: Value accepts two implied decimal places, therefore 15000 means 150.00 pounds.*

Transaction	Available Fields	Valid Values
116	Package Total	• Total number of packages in a shipment, including the master package. • For multiple-piece shipments, the software performs the package count summation based on the number of occurrences of Field 1670-# (Fractional Package Weight) and overrides any input value.
119	Total Commodity Customs Value	• Enter the total dutiable value of the shipment; overrides the derived value from the sum of Quantity x Unit Value (Field 82 x Field 1030), when Field 113 (Commercial Invoice Print and Upload Flag) is set to Y. • Required when Field 113 is set to N. • An entry in Field 119 (Total Commodity Customs Value) overrides the derived value. • If Field 113 is set to Y, Field 2404 (Shipment Documentation Flag) position 1 (Commercial Invoice) should also be set to Y to generate a commercial invoice (*default*).

Fields in the following Table 199 are optional. Include these fields if they are appropriate for your shipping context. These are applicable for transactions - 020/120 Global Ship Request/Reply in Create Shipment and MAWB Transaction Fields

Table 113: Optional fields for Create IPD/IED/IDF shipment with WAWB transaction

Transaction	Available Fields	Valid Values
1271	Shipper's Load And Count (SLAC)/Number of Pallets	Optional Total number of packages within all freight pallets for FedEx Express Freight - International services. For bill of lading (BOL), number of pallets.
1330	Purchase Order Number	Optional Customer-assigned Purchase Order Number that applies to a FedEx International Priority DirectDistribution (IPD) shipment.
1550	Piece Count Verification (PCV) Flag	Optional When used in the Open Ship CREATE transaction, applies to the first customer reference number (CRN) and not the entire IDF shipment.
1586	Print Alternate Return	Field level: Package

Transaction	Available Fields	Valid Values

	Address Flag	Optional
		
		Set to Y if print alternate return address is required on all Customer Reference Number (CRN) labels.
		Overrides the sender address on the shipping label as the return address.
		Valid values are:
		   o Y — Print alternate return address on label.
		   o N or not present — Do not print alternate return address (*default*).

1592	Shipment Level Indicator	Optional Set to Y if the Overwrite Total Customs Value is required during CONFIRM shipment. Print Summary Commodity Description on Master Air Waybill (MAWB) label is required during CONFIRM shipment.

11.5.1 International Economy DirectDistribution service fields

Using FSMS, you can create a FedEx International Economy DirectDistribution℠ (IED) shipment and request rate and routing information. Table 200 describes the allowed fields for FedEx International Economy service transactions. Applicable for 020/120 Global Ship Request/Reply Shipping Transaction.

Table 114: International Economy DirectDistribution service transactions

Transaction	Available Fields	Valid Values
1274	Service Type	17— International Economy DirectDistribution
1273	Packaging Type	01—Customer packaging

11.5.2 IPD Distribution Freight

Multiple-piece freight shipments (exceeding 150 lbs. / 68 kg) use FedEx International Priority DirectDistribution Freight (IDF). All pieces must be skidded to ship IDF. In addition, countries shipping to the European Union may also use SPOC functionality with the IDF service.

Each individual piece for an IDF shipment must have a minimum weight of 151 lbs. / 68 kg. Total shipment weight for an IPD/IDF/IED shipment is unlimited.

You are not limited to a specific shipment weight for an IPD/IED/IDF shipment. However, you cannot ship an individual piece for an IDF shipment that is less than 151 lbs / 68 kg.

Rating

Since IPD/IED/IDF is rated and billed at the shipment level, no rating can be returned by the automation device.

Appointment Delivery and Piece Count Verification

If you are processing an IDF shipment, then you may include Appointment Delivery (APD) and Piece Count Verification services in Field 1687 (IDF Flag) for eligible destinations.

The delivery commitment date/time for IDF packages within a shipment is different from that for the other packages in the shipment.

11.6 Shipping service options for IPD/IED/IDF

The FedEx special services listed in this section are available for International Priority DirectDistribution, International Economy DirectDistribution and International Priority DirectDistribution Freight.

11.6.1 Hold at Location

You can pass Field 1200 (Hold at Location Flag) for the Hold at Location service option set to Y if you are shipping a FedEx International Priority DirectDistribution shipment. Hold at Location is not available for either International Economy DirectDistribution or International Priority DirectDistribution Freight.

11.6.2 Dry Ice

Include Fields 1268 (Dry Ice Flag) and 1684 (Dry Ice Weight) in an IPD, IED or IDF shipment transaction when used to ship Dry Ice for loose pieces weighing less than 68 kilograms /151 pounds.

When a package, aka customer reference number (CRN), of a consolidated shipment (IPD, IED, or IDF) contains Dry Ice, the Dry Ice Flag will also be applied to the master air waybill (MAWB).

11.6.3 Dangerous Goods

Include Field 1331 (Dangerous Goods/HazMat Flag) set to I (Inaccessible DG) if you are shipping inaccessible dangerous goods or perishables. No other types of dangerous goods are allowed. The shipper is required to provide all dangerous goods paperwork for the shipment.

11.6.4 Saturday pickup and delivery

- Saturday pickup is available from the U.S. only.
- Saturday delivery is available only from specific origins from all regions that support a Thursday pickup with a Saturday delivery into the U.S.

Check whether Saturday is a regular business day in the shipping country (for pickup) and in the recipient country (for delivery) before coding for these services. If Saturday pickup is available, include Field 1267 (Saturday Pickup Flag). If Saturday delivery is available, include Field 1266 (Saturday Delivery Flag). Also include fields for surcharges.

11.6.5 Concurrent shipments and future day processing

FedEx Ship Manager® Server allows you to create a current day's IPD/IDF/IED shipment (by default) or a Future Day IPD/IDF/IED shipment to be shipped up to 10 days in advance from the current day.

Only one IPD/IDF/IED or single-point-of-clearance (SPOC) shipment can be processed at one time if

the following data matches:

- Meter number

- Ship date

- Clearance facility and destination country of master air waybill

Otherwise, multiple IPD/IDF/IED or single point of clearance (SPOC) shipments can be processed simultaneously as FSMS is able to match each customer reference number (CRN) to its respective master air waybill (MAWB).

Any International Priority shipment can also be processed while an IPD/IDF/IED shipment is still open.

11.6.6 Saturday pickup for FedEx International Priority DirectDistribution

Saturday Pickup is available for FedEx International Priority DirectDistribution, including IPD single point of clearance (SPOC) which permits a shipper to send a FedEx International Priority DirectDistribution shipment that includes packages to multiple countries in the European Union and clear them at a single Customs point.

> *Note: Saturday Pickup service is not available for FedEx International Priority DirectDistribution packages weighing over 150 lbs. / 68 kg. FedEx International Priority DirectDistribution Freight Saturday pickup is not available.*

Table 201 describes Field 1267 (Saturday Pickup Flag) required to request the service.

Table 115: Saturday pickup flag field

Field ID	Field length	Data Type	Input\Output	FedEx shipping		Description Transactions: 020 Global Ship Request
				Carrier Code (Services)	Valid for	
Saturday Pickup Flag						

1267	Max=1	A	I/O	FDXE	All non-Freight: U.S. CA INTL IPD SPOC	Required*
						 • Specify Y if the shipment is to be picked up on a Saturday.
						 • *Required for Saturday pickup service.
						 • Valid values are:
						    ○ Y — Saturday Pickup
						    ○ N — No Saturday Pickup
						 • Available for IPD and IPD SPOC. Not valid for FedEx Express Freight.
						 • For this shipment, use any method.

11.6.7 Saturday delivery for FedEx IPD Distribution and Freight

Saturday Delivery is available for both FedEx International Priority DirectDistribution (IPD) and FedEx International Priority DirectDistribution Freight (IDF).

Saturday delivery service is not available for FedEx International Priority DirectDistribution packages weighing over 150 lbs. / 68 kg. Packages weighing over 150 lbs. must be shipped as FedEx International Priority DirectDistribution Freight. Table 202 describes Field 1266 (Saturday Delivery Flag) which must be passed in a 020 Global Ship Request transaction to request the service.

Table 116: Saturday Delivery flag field

Field ID	Field length	Data Type	Input\Output	FedEx shipping		Description Transactions: 020 Global Ship Request
				Carrier Code (Services)	Valid for	
Saturday Delivery Flag						

1266	Max=1	A	I/O	FDXE	U.S. CA INTL IPD SPOC	Required*
						 • Specify Y if the shipment is to be delivered on a Saturday.
						 • *Required for Saturday delivery service.
						 • Valid values are:
						     o Y — Saturday Delivery
						     o N — No Saturday Delivery
						 • Available for IPD and IDF.
						 Note: Saturday Delivery FedEx Express Freight shipments are only allowed within the U.S. or U.S. inbound. For this shipment, use any method.

11.6.8 FedEx IPD Distribution and Freight shipping options

You can include the following shipping options for International Priority DirectDistribution and International DirectDistribution Freight in a FedEx Ship Manager® Server 020 Global Ship Request transaction.

The following features are available to all origin/destination countries where there are valid service offerings:

- Multiple Customer Reference Number (CRN) processing capability
- CRN-level country weight restriction check
- Rate weight based on shipment weight at ship time. Rounding up of weight on FedEx International Priority DirectDistribution /FedEx International Priority DirectDistribution Freight packages no longer occurs.
- Expansion of Tax ID and addition of French VAT# to Customs Packing List

FedEx International Priority DirectDistribution and FedEx International Priority DirectDistribution

Freight are contracted services which require the assistance of a FedEx account executive and configuration of these services for your FSMS system.

11.7 IPD/IED/IDF transaction workflow

Before you begin to code IPD/IDF/IED transactions, it is helpful to understand the transaction flow and how the transaction should be formatted. The following figure shows a basic workflow for an IPD/IDF/IED transaction.

Figure 27: IPD/IDF/IED transaction workflow
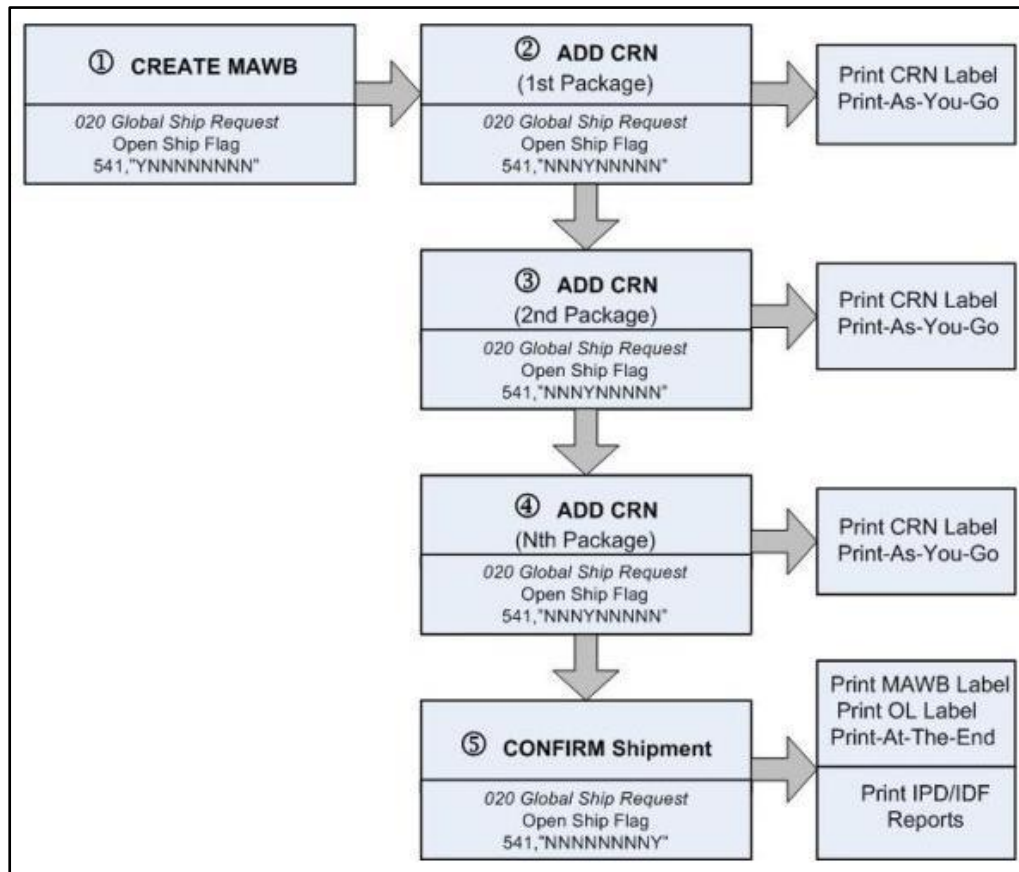
FedEx Ship Manager® Server interprets the type of transaction from Field 541 (Open Ship Flags) of the 020 Global Ship Request transaction. By setting these flags, you instruct FSMS to perform a function at either the shipment level or the piece/package level:

Table 117: Open ship transaction types

Shipment Level Function	Flag	Piece Level Function	Flag
CREATE Shipment	1st	ADD a CRN (package)	4th
DELETE Shipment	8th	DELETE a CRN (package)	7th
CONFIRM Shipment	9th	EDIT a CRN (package)	5th
EDIT Shipment	6th		

The following table describes each of the numbered items shown in IPD/IDF/IED Transaction Workflow.

Table 118: Open ship process workflow details

Workflow Item	Description
CREATE MAWB	When you create an IPD/IDF/IED shipment, you begin with the first *020 Global Ship Request* transaction to CREATE the FedEx International Master Air Waybill (MAWB) for the selected clearance facility and destination. A MAWB tracking number is assigned by FSMS. *Note: No labels are printed during the "CREATE MAWB" transaction. An 020 transaction with the 1st flag of Field 541 (Open Ship Flags) set to Y is identified as a "CREATE MAWB" transaction. This portion of the transaction is formatted as: 541,"YNNNNNNNN"*
ADD CRN (not to exceed 9,998 CRNs per shipment)	IPD/IDF/IED packages are processed individually by sending an "ADD CRN" 020 transaction. A shipping label, known as a CRN label, with a unique CRN tracking number, prints for each package (or CRN transaction) processed. An 020 transaction with the 4th flag of Field 541 (Open Ship Flags) set to Y is identified as an "ADD CRN" transaction: 541,"NNNYNNNNN"
CONFIRM Shipment	An IPD/IDF/IED shipment must have at least two CRN packages processed before a "CONFIRM Shipment" 020 transaction can be accepted to close the shipment. *Note: The same recipient address for the CRN packages is allowed for IPD/IDF. However, IED requires at least two different recipient addresses for the CRN packages. The MAWB labels, OL AWB labels, IPD Consolidated Commercial Invoice, Packing List, and CRN Report are printed on the designated report printers during the CONFIRM process.* An *020 Transaction* with the 9th flag of Field 541 (Open Ship Flags) is set to Y as a "CONFIRM Shipment" transaction: 541,"NNNNNNNNY"

Note: This table applies to IPD/IDF/IED only, for more information about Open Ship, refer Open shipping

11.7.1 About deleting an MAWB or CRN

Delete MAWB and Delete CRN do not work with a 023 Global Delete Request transaction. For IPD/IDF/IED shipments, you must use a 020 Global Ship Request transaction with the required flag set in Field 541 (8th position set to **Y** for DELETE shipment and 7th position set to Y for DELETE CRN).

11.7.2 Transaction shipping methods for IPD/IED/IDF

FedEx International Priority DirectDistribution, FedEx International Priority DirectDistribution Freight and FedEx International Economy DirectDistribution shipments contain multiple packages that are grouped in one shipment. Multiple-package shipments may be processed using the Open Ship or Single Shot multiple-piece transaction methods.

Open Ship

Open Ship is a highly flexible shipping option unique to FSMS that allows you to enter information for

an IPD/IDF/IED shipment as it is received throughout the day, rather than entering all of the shipping information only when the shipment is ready to be processed. The shipment remains "open," accepting each piece as it is entered, and is "closed" only when you confirm the shipment.

When processing an Open Ship shipment, use the Open Ship 020/120 Global Ship Request/Reply transaction with Field 1274 (Service Type) set to one of these values:

18 — FedEx International Priority DirectDistribution (IPD)

17 — FedEx International Economy DirectDistribution Service (IED)

84 — FedEx International Priority DirectDistribution Freight (IDF)

> *Note: IPD/IED/IDF shipments from World (except U.S.) to Puerto Rico must use the Open Ship 020/120 Global Ship Request/Reply transaction. Refer [Open shipping](#) for more information Normally, Field 542 is used for open shipping. However, for IPD Open Ship, use Field 1355 (IOR Facility Code) with Field 24 (Ship Date) and Field 1274 (Service Type) to form a unique shipment.*

Single Shot Open Ship

FedEx International Priority DirectDistribution and FedEx International Priority DirectDistribution Freight shippers can create a single transaction to ship multiple packages to the same recipient. This transaction method is referred to as a Single Shot transaction. Single shot transactions require that the shipper know ahead of time exactly how many pieces they will include in the shipment.

For examples of transaction workflow scenarios, see [FedEx IPD/IDF 020/120 Global Shipping Transaction Scenarios](#)

IPD/IDF, Single Shot, Open Ship, Multiple Piece Shipments

FedEx International Priority DirectDistribution and FedEx International Priority DirectDistribution Freight single shot transactions must be associated with an existing FedEx International Priority DirectDistribution/FedEx International Priority DirectDistribution Freight open shipment.

The function of the new Field 4574 (IPD/IDF MPS Commodity Set Indicator) is to allow the same commodities for all tracking numbers within a FedEx International Priority DirectDistribution /FedEx International Priority DirectDistribution Freight Single Shot transaction, or to allow different commodities for each tracking number within the transaction. Table 201 provides a detailed description of Field 4574.

Any existing supported special services for FedEx International Priority DirectDistribution or FedEx International Priority DirectDistribution Freight will be applicable to the entire FedEx International Priority DirectDistribution / FedEx International Priority DirectDistribution Freight Single Shot multiple piece shipment (MPS) transaction.

Table 119: IPD/IDF MPS commodity set Indicator field

Field ID	Field length	Data Type	Input\Output	FedEx shipping		Description Transactions: 020 Global Ship Request - IPD/IDF/IED Single Shot MPS
				Carrier Code (Services)	Valid for	
IPD/IDF MPS Commodity Set Indicator					**Transactions: 020 Global Ship Request**	
4574	Max=1	N	I	FDXE	INTL IPD IDF	**Field level:** Shipment **Optional** **Description**

Field ID	Field length	Data Type	Input\Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	Transactions: 020 Global Ship Request - IPD/IDF/IED Single Shot MPS

					IED	• IPD/IDF MPS Commodity Set Indicator field identifies how commodity data is to be distributed across pieces in the transaction.
						
						• This field is used only for IPD/IDF/IED Single Shot multiple-piece IED shipments.
						
						• Each tracking number/piece within the MPS can have the same commodity data per piece or different commodity data per piece.
						
						• Valid values are:
						
						   o 1 — Same Commodity Set Data
						
						   o 2 — Different Commodity Set Data
						
						• Select 1 if the set of commodities is the same for all pieces in an IPD/IDF Single Shot MPS.
						
						• Select 2 if the set of commodities is different for each piece in the IPD/IDF Single Shot MPS.
						
						• Default: 1 when the field is not present, or present but not populated, or is blank or null.

Nested Occurrence Fields for IPD/IDF Transactions

The nested occurrence field format X#-# applies ONLY to FedEx International Priority DirectDistribution/FedEx International Priority DirectDistribution Freight MPS Single Shot transactions.

This nested occurrence functionality is a combination of nesting the package/sequence occurrence in the field number format along with the multiple occurrence of the field itself. This functionality can only exist with FedEx International Priority DirectDistribution/FedEx International Priority DirectDistribution Freight MPS Single Shot transactions where Field 4574 is set to 2 (Different Commodity Set Data); for example, 4574,"2".

The multiple occurrence may be used several times for a given package/sequence within a FedEx International Priority DirectDistribution/FedEx International Priority DirectDistribution Freight MPS single shot transaction. Each occurrence may have a different value. Using multiple occurrence fields eliminates the need to code the same field over and over simply because the input values change.

Nested Occurrence Field Format

The format for a multiple occurrence field is X-#-#. This format means that:

- "X" is replaced by the field number that is to be used multiple times for a given package/sequence occurrence as well as possibly being multiple occurrences for each package/sequence

- "−" is the dash used as a separator

- First # sign is replaced by the PACKAGE NUMBER occurrence. The maximum number of package occurrences is dependent upon the type of transaction these fields are present in.

- Second # signs replaced by the number of the occurrence for field/tag a tied to a specific package/sequence.

For example, Field 79 (Description of Contents) might have this sequence of multiple occurrence fields:

  o 79-1-1
  o 79-1-2
  o 79-2-1
  o 79-2-2
  o 79-3-1
  o 79-3-2

- In this example, Field 79 is present in the shipping transaction as follows along with the presence of Field 4574 set to 2:

- 79-1-1,"Books" belongs to package # 1 in the FedEx International Priority DirectDistribution /FedEx International Priority DirectDistribution Freight multiple-piece shipment (MPS) Single Shot Transaction.

- 79-1-2,"Pens" also belongs to package # 1 in the FedEx International Priority DirectDistribution/FedEx International Priority DirectDistribution Freight MPS Single Shot.

- 79-2-1,"Pencils" belongs to package # 2 in the FedEx International Priority DirectDistribution/FedEx International Priority DirectDistribution Freight MPS Single Shot Transaction.

- 79-2-2,"Paper" also belongs to package # 2 in the FedEx International Priority

- DirectDistribution /FedEx International Priority DirectDistribution Freight MPS Single Shot.

- 79-3-1"Rulers" belongs to package # 2 in the IPD FedEx International Priority DirectDistribution FedEx International Priority DirectDistribution Freight MPS Single Shot Transaction.

Table 120: FedEx International Priority DirectDistribution service transaction

Transaction	Description	Valid Values 020/120 Global Ship Request/Reply Shipping Transaction
77-#-	Commodity Line Item Weight	Field level: Package **Required or Optional** • *Required for IPD/IDF Openship multiple-piece shipment (MPS). **Description** • Commodity Line Item Weight field specifies the weight of the commodity. • This field will not have implied decimal place if weight type

Transaction	Description	Valid Values 020/120 Global Ship Request/Reply Shipping Transaction
		is LBS. • One implied decimal place will be applied if weight type is KGS. • For shipping, use MPS. • This field is Optional for FedEx commercial invoice.
79-#-	Description of Contents	Field level: Package **Required** • *Required for commodity or document shipments when Field 190 (Document Shipment Flag) is set to Y and Field 2396 is not used, FSMS will allow the shipment. • *Required for General Agency Agreement (GAA) if import shipment. **Description** • Description of Contents field specifies the description of the commodity contents for shipment. This can be used for free-form entry of document description when Field 2396 (Document Description) is not used. • For shipping, use MPS. *Notes:* • Only 31 characters of this field print on the labels, but 450 characters are available for customer input to be used on their own reports, including the Commercial Invoice. • If both Field 79 and Field 2396 are populated in the same transaction, Field 2396 takes precedence. Field 79 takes precedence for IPD/IDF/IED shipments.

80-#	Country of Manufacture	Field level: Package
		Required
		Description
		
		• Country of Manufacture field specifies the code where commodity contents were produced or manufactured in their final form. If using a commercial invoice, this field is used at the commodity level.
		
		• This is applicable to the following FedEx services:
		
		    o FedEx International Priority DirectDistribution®
		
		    o FedEx International Priority DirectDistribution® Freight
		
		    o FedEx International Economy DirectDistribution℠

Transaction	Description	Valid Values 020/120 Global Ship Request/Reply Shipping Transaction
		Service o FedEx® International DirectDistribution Surface Solutions o For shipping, use MPS. Refer to the Appendix C: Value Reference Tables in TCR guide for a list of Country Codes. *Note: FedEx is required to accurately report the Country of Manufacture for all commodities shipped internationally as per government regulations.* • FedEx is required to accurately report the Country of Manufacture for all commodities shipped internationally as per government regulations. Hence, shippers are no longer allowed to identify the Country of Manufacture as 'XX' for any commodity on any shipment.
81-#	Harmonized Tariff Schedule (HTS) Code	Field level: Package **Required** **Description** • Harmonized Tariff Schedule (HTS) Code field specifies the 10-digit Harmonized Tariff Schedule Number for the commodity being exported. • Ten (10) digits are required; add zeroes if needed.
82-#	Commodity Quantity	Field level: Package **Required** • *Required if Field 113 (Commercial Invoice Print and Upload Flag) is set to Y, and you are not using Field 78 (Commodity Customs Value) or Field 119 (Total Commodity Customs Value). **Description** • Commodity Quantity field specifies the total number of pieces of a given commodity in the entire shipment. • For example, if you are shipping 6 pencils and 4 erasers, you code 82,"6"82-2,"4". • Default: 1. • If FedEx is filing the commercial invoice (CI), the values sent for this field and Field 1030 (Commodity Line Item Unit Value) determine the Total Customs Value for the shipment. • Total Customs Value is the sum of field 82 multiplied by value of field 1030. This derived value can be overridden by

Transaction	Description	Valid Values 020/120 Global Ship Request/Reply Shipping Transaction
		passing a value in field 119. • If field 113 is set to Y, field 2404 position 1 (Commercial Invoice) should also be set to Y to generate a commercial invoice (default).
120-#	CI Marks and Numbers	**Field level:** Package **Optional** **Description** • Marks and Numbers field specifies an identifying mark or number used on the packaging of a shipment to help customers identify a particular shipment. • Only used for the FedEx commercial invoice (CI).
414-#	Unit of Measure	**Field level:** Package **Required*** • Units of measure used to measure the commodity, such as IN, CM, FT, M, L and so forth. • *Required if using FedEx commercial invoice (CI) and/or filing an Electronic Export Information (EEI) document. This is a required field for International Email Return Labels. See Appendix C: Value Reference Tables in TCR guide for a list of unit of measure codes.
1030-#	Commodity Line Item Unit Value	**Field level:** Shipment **Required** • *Required when using the FedEx commercial invoice (CI), and Field 113 (Commercial Invoice Print and Upload Flag) is set to Y. **Description** • Commodity Line Item Unit Value field specifies the selling price or cost (if not sold) of the commodity. • If FedEx is filing the commercial invoice, the value for Field 1030 and Field 82 (Commodity Quantity) determine the Total Customs Value for the shipment. • Total Customs Value equals Field 82 multiplied by Field 1030. This derived value can be overridden by passing a value in Field 119 (Total Commodity Customs Value). • If Field 113 is set to Y, Field 2404 (Shipment Documentation Flag) position 1 (Commercial Invoice) should also be set to Y to generate the commercial invoice (default). • For shipping, use MPS.

11.8 FedEx IPD/IDF 020/120 Global shipping transaction scenarios

11.8.1 Scenario 1 Single Add piece and Single shot open ship

Scenario 1describes a combination of a single FedEx International Priority DirectDistribution/FedEx International Priority DirectDistribution Freight ADD Piece transaction and a FedEx International Priority DirectDistribution/FedEx International Priority DirectDistribution Freight Multiple-Piece Shipment (MPS) Single Shot transaction within Open Ship.

1. IPD/IDF Master shipment opened using Open Ship CREATE (Field 541 Open Ship Flags position 1 set to Y: "YNNNNNNNNN"

2. SINGLE IPD/IDF ADD PIECE — Single 020 passed in with Field 541 (Open Ship Flags) position 4 ADD PIECE set to Y "NNNYNNNNNN", along with Field 1355 (IOR Code) set to same value passed in the master. This is ONE PIECE to ONE RECIPIENT. All other field entries would be valid based on existing FedEx International Priority DirectDistribution and FedEx International Priority DirectDistribution Freight transaction rules.

3. MPS IPD/IDF SINGLE SHOT — Single Shot 020 passed in with Field 541 (Open Ship Flags) position 4 ADD PIECES set to Y "NNNYNNNNNN", along with Field 1355 (IOR Code) set to same value passed in the master. This is MULTIPLE PIECES to ONE RECIPIENT, for example, 5 pieces Field 1670 sent in with 5 occurrences. All other field entries would be valid based on existing FedEx International Priority DirectDistribution and FedEx International Priority DirectDistribution Freight transaction rules.

4. SINGLE IPD/IDF ADD PIECE — Single 020 passed in with Field 541 (Open Ship Flags) position 4 to ADD PIECE set to Y "NNNYNNNNNN", along with Field 1355 (IOR Code) set to same value passed in the master. This is ONE PIECE to ONE RECIPIENT. All other field entries would be valid based on existing FedEx International Priority DirectDistribution and FedEx International Priority DirectDistribution Freight transaction rules.

5. IPD/IDF CONFIRM — Single 020 passed in with Field 541 (Open Ship Flags) position 9 to CONFIRM set to Y "NNNNNNNNNY", along with Field 1355 (IOR Code) set to same value passed in the master. All other field entries would be valid based on existing FedEx International Priority DirectDistribution and FedEx International Priority DirectDistribution Freight transaction rules.

11.8.2 Scenario 2 multiple single shot

Scenario 2 describes a multiple Single Shot FedEx International Priority DirectDistribution and FedEx International Priority DirectDistribution Freight multiple-piece shipment (MPS) transaction ONLY inside Open Ship:

1. IPD/IDF MASTER OPENED VIA CREATE—Single 020 passed in with Field 541 (Open Ship Flags) position 1 to CREATE set to Y "YNNNNNNNNN". Also Field 1355 (Consolidated Index/IOR Code/Importer of Record–Clearance Facility ID) is sent in. All other field entries would be valid based on existing FedEx International Priority DirectDistribution and FedEx International Priority DirectDistribution Freight transaction rules.

2. MPS IPD/IDF SINGLE SHOT—Single Shot 020 passed in with Field 541 (Open Ship Flags) position 4 to ADD PIECES set to Y "NNNYNNNNNN", along with Field 1355 (Consolidated Index/IOR Code/Importer of Record–Clearance Facility ID) passed in on the master. This is MULTIPLE PIECES to ONE RECIPIENT; for example, 10 pieces Field 1670 sent in with 10 occurrences. All

other field entries would be valid based on existing FedEx International Priority DirectDistribution and FedEx International Priority DirectDistribution Freight transaction rules.

3. MPS IPD/IDF SINGLE SHOT — Single Shot 020 passed in with Field 541 (Open Ship Flags) position 4 to ADD PIECES set to Y "NNNYNNNNNN", along with Field 1355 (IOR Code) set to same value passed in the master. This is MULTIPLE PIECES to ONE RECIPIENT; for example, 5 pieces Field 1670 sent in with 5 occurrences. All other field entries would be valid based on existing FedEx International Priority DirectDistribution and FedEx International Priority DirectDistribution Freight transaction rules.

4. MPS IPD/IDF SINGLE SHOT — Single Shot 020 passed in with Field 541 (Open Ship Flags) position 4 to ADD PIECES set to Y "NNNYNNNNNN", along with Field 1355 (IOR Code) set to same value passed in the master. This is MULTIPLE PIECES to ONE RECIPIENT, for example, 20 pieces Field 1670 sent in with 20 occurrences. All other field entries would be valid based on existing FedEx International Priority DirectDistribution and FedEx International Priority DirectDistribution Freight transaction rules.

5. PD/IDF CONFIRM — Single 020 passed in with Field 541 (Open Ship Flags) position 9 to CONFIRM set to Y "NNNNNNNNNY", along with Field 1355 (IOR Code) set to same value passed in the master. All other field entries would be valid based on existing FedEx International Priority DirectDistribution and FedEx International Priority DirectDistribution Freight transaction rules.

6. Total Child Pieces Shipped = 35

11.8.3 Scenario 3 one single shot

Scenario 3 describes ONE Single Shot FedEx International Priority DirectDistribution and FedEx International Priority DirectDistribution Freight MPS Shipment ONLY inside Open Ship.

1. IPD/IDF MASTER OPENED VIA CREATE—Single 020 passed in with Field 541 (Open Ship Flags) position 1 to CREATE set to Y "YNNNNNNNNN". Also Field 1355 (IOR Code) is sent in. All other field entries would be valid based on existing FedEx International Priority DirectDistribution and FedEx International Priority DirectDistribution Freight transaction rules.

2. MPS IPD/IDF SINGLE SHOT — Single Shot 020 passed in with Field 541 (Open Ship Flags) position 4 to ADD PIECES set to Y "NNNYNNNNNN", along with Field 1355 (IOR Code) set to same value passed in the master. This is MULTIPLE PIECES to ONE RECIPIENT, for example, 25 pieces Field 1670 sent in with 25 occurrences. All other field entries would be valid based on existing FedEx International Priority DirectDistribution and FedEx International Priority DirectDistribution Freight transaction rules.

3. IPD/IDF CONFIRM — Single 020 passed in with Field 541 (Open Ship Flags) position 9 to CONFIRM set to Y "NNNNNNNNNY", along with Field 1355 (IOR Code) set to same value passed in the master. All other field entries would be valid based on existing FedEx International Priority DirectDistribution and FedEx International Priority DirectDistribution Freight transaction rules.

4. Total Child Pieces Shipped = 25

11.9 Creating an IPD/IDF/IED shipment transaction

The recipient identified on the master air waybill (MAWB) is the IPD address. The IPD address is a combination of your IOR name and the FedEx clearance facility address.

Use the fields in Table 207 to create a CREATE MAWB transaction.

Table 121: Create a FedEx IPD/IED/IDF MAWB

| Field ID | Field length | Data Type | Input\Output | FedEx shipping | | Description
Transaction: 020 Global Ship Request - Open Ship MPS |
				Carrier Code (Services)	Valid for	
Payor Account Number						
20	Max=9	N	I	All	All	**Field level:** Shipment **Required** *Required if Field 23 (Payment Code) is Bill 3rd Party. **Description** • Payor Account Number field specifies the nine-digit FedEx account number of company or person to be billed for the shipment. • If any pay type other than 1 (bill shipper) is entered, rates are not returned in the 125 Rate Available Services Reply transaction. • For shipping, use Single Shot, Single Piece, Openship, or MPS.
Pay Type						

23	Max=1	N	I/O	FDXE	INTL
					IPD
					IDF
					IED
						Field level: Shipment
						Required
						Description
						• Pay Type field indicates the code for payment type. Codes are different for FedEx Express and FedEx Ground shipments.
						• FedEx Ground® payment types are:
						  o 1 — Prepaid
						  o 2 — Collect (not for C.O.D.)
						  o 3 — Bill Third Party
						  o 5 — Bill Recipient
						• FedEx Express® payment types are:
						  o 1 — Bill Sender
						  o 2 — Bill Recipient or Consignee
						  o 3 — Bill Third Party

Field ID	Field length	Data Type	Input\ Output	FedEx shipping		Description Transaction: 020 Global Ship Request - Open Ship MPS
				Carrier Code (Services)	Valid for	

						Note: If any pay type (Field 23) other than 1 (Bill Sender and Prepaid) is entered, rates are not returned in the 125 Rate Available Services transaction.
						
						• FedEx Ground® Economy payment types are:
						   o 1 — Bill Sender (default)
						   o 3 — Bill Third Party
						
						• Ground® Economy Returns payment types are:
						   o 3 — Bill Third Party
						   o 6 — Bill Associated Account
						
						Note: If you are processing an 020 Global Ship Request for a Ground® Economy Returns shipment with Field 1274 set to SR, and the shipper account number is the same as the return account number, Field 23 will be set to 1 (Bill Sender). Field 23 has been modified to add value 6 for Ground® Economy Returns shipments. If you are processing an 020 Global Ship Request for a Ground® Economy Returns shipment with Field 1274 set to SR, and the shipper account is not the same as the return account number, Field 23 will be set to 6 (Bill Associated Account).
						
						• For shipping, use Single Shot, Single Piece, Openship, or MPS.

Recipient Country						
50	Max=2	A	I	FDXE	INTL IPD IED IDF	**Field level:** Shipment **Required** • *Required for FedEx International Priority DirectDistribution® (IPD), FedEx International Economy DirectDistribution℠ Service (IED) and FedEx International Priority DirectDistribution® Freight (IDF) shipments. • *Required for Openship function. **Description** • Recipient Country field specifies the two-

| Field ID | Field length | Data Type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Open Ship MPS |
				Carrier Code (Services)	Valid for	
						character code indicating the country of the Recipient address. • For shipping, use Single Shot, Single Piece, Openship, or MPS.
Customs Currency Type						
68	Max=3	A	I	FDXE	INTL IPD IED IDF	**Field level:** Shipment Required or Defaulted *Required for FedEx Express international shipments only. Description • Customs Currency Type field indicates the currency in which the customs value is expressed. • Default for U.S. shipping: USD • Default for intra-CA shipping: CAD *Note: The setting for this field is applied to field 119 (Total Commodity Customs Values), and field 1030 (Commodity Line Item Unit Value).*
Duty/Tax Payment Type						

70	Max=1	N	I	FDXE	INTL
					IPD
					IED
					IDF
						Field level: Shipment
						Optional
						Description
						
						• Duty/Tax Payment Type field indicates payment type for duties and taxes.
						• Valid values are:
						  o 1 — Bill sender (default for returns)
						  o 2 — Bill recipient (default for shipments)
						  o 3 — Bill third party

Duty/Tax Payor Account Number						
71	Max=9	N	I	FDXE	INTL IPD	**Field level:** Shipment **Required**

Field ID	Field length	Data Type	Input\Output	FedEx shipping		Description Transaction: 020 Global Ship Request - Open Ship MPS
				Carrier Code (Services)	Valid for	
					IED IDF	• *Required if Field 70 (Duty/Tax Payment Type) is set to 3 — Bill third Party. **Description** • Duty/Tax Payor Account Number field is the FedEx account number to which duties and taxes will be billed. • Recommended if field 70 (Duty/Tax Payment Type) is set to 2 — Bill Recipient (*default*).
Terms of Sale						
72	Max=1	N	I	FDXE	INTL IPD IED IDF	**Field level:** Shipment **Required** • *Required if Field 113 is set to Y. **Description** • Terms of Sale field indicates the terms of the shipment. • Valid values are:

1 — FCA - Free carrier	6 — DDP - Delivered duty paid
2 — CIP - Carriage and insurance paid to	7 — DPU - Deliver at Point of Unloading
3 — CPT - Carriage paid to	8 — DAP - Delivered at Place
4 — EXW - Ex Works	9 — Others
5 —Obsolete	

Field ID	Field length	Data Type	Input\Output	Carrier Code (Services)	Valid for	Description
Country of Ultimate Destination						
74	Max=2	A	I	FDXE	INTL IPD IED IDF	**Required*** **Description** Must be one of the ultimate destination countries of the FedEx Clearance Facility.
Weight Units						
75	Max=3	A	I	FDXE	INTL	**Field level:** Shipment

| Field ID | Field length | Data Type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Open Ship MPS

					IPD IED IDF	**Required*** or Defaulted
						Description
						• Indicates the unit of weight used for the shipment.
						• Valid values are:
						   o LBS — Weight in pounds (default for U.S. to U.S.)
						   o KGS — Weight in kilograms (for all international)
						Note: If shipping from any U.S. origin to any international destination, then LBS or KGS are required for this tag and must be included in the transaction.

Commercial Invoice Print and Upload Flag						

113	Max=1	A	I	FDXE	INTL IPD IED IDF	**Field level:** Shipment
						Required*
						Description
						• To create a commercial invoice for each piece of the shipment, set the flag to Y to create an individual commercial invoice.
						• *Required for the electronic upload of commercial invoice (CI) data (pre-clearance), VISA data upload, and/or printing of the FedEx commercial invoice (CI).
						• Valid values are:
						   o Y — Uploads an ECI and/or prints a FedEx CI
						   o N — Does not upload to FedEx or print a FedEx CI
						• Field 2404 position 1 (Commercial Invoice) should also be set to Y to generate a CI (default). If Field 113 is set to Y, it overrides the value in Field 2404 position 1.
						• If Field 113 is set to Y and Field 2404 position 2 (Pro forma Invoice) is set to Y, Field 113 becomes primary and FSMS

| Field ID | Field length | Data Type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Open Ship MPS
						ignores the Pro forma Invoice value.
						Note: An Electronic Commercial Invoice (ECI) will upload only if accepted by the Recipient country. See the FedEx Service Guide for details.
Meter Number						
498	Min=7 Max=9	N	I	FDXE	INTL IPD IED IDF	**Field level:** Shipment **Required*** or Defaulted **Description** • Unique number assigned to a FedEx shipping account, which is used in each transaction to identify the revenue/shipping activity of a shipment. This field ensures the tracking number obtained is from the range assigned in the requesting meter. • Default: Parent meter number. • If the meter number is different than the meter number configured as the default. • For reprinting reports. *Note: Field ID 10, Account Number, may be used instead of Field ID 498, Meter Number, if there is only one meter per FedEx Express account number on the server. For shipping, use Single Shot, Single Piece, Open Ship, or MPS.* *Meter numbers may be any length up to nine-digits.*
Open Ship Flags						
541	Max=9	A	I	FDXE	INTL IPD IED IDF	Required* **Description** • Identifies transaction functions using nine one-byte flags which are set to Y to indicate shipment level or package level flag. • *Required for Open Ship. • Specify Y in the position(s) of the Open Ship functions used for a given transaction.

| Field ID | Field length | Data Type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Open Ship MPS |
				Carrier Code (Services)	Valid for	

						• Specify N in all other positions. All flags must be used and must be either Y or N. If you enter all Ns, all Open Ship functions are disabled.
						• Default: YNNNNNNNY (CREATE and CONFIRM the Open Ship shipment.)
						• Each one-byte flag is defined in sequence in the following array:
						  o 1 — CREATE an Open Shipment
						  o 2 — ROUTE/Time in Transit
						  o 3 — RATE
						  o 4 — ADD a piece/package
						  o 5 — EDIT a piece/package
						  o 6 — EDIT/ADD data to the entire shipment
						  o 7 — DELETE a package
						  o 8 — DELETE the shipment
						  o 9 — CONFIRM the shipment
						• For shipping, use Open Ship.
						• Refer FedEx Ship Manager® Server Developer Guide for shipping rules.

Shipper's Load And Count (SLAC)/Number of Pallets						
1271	Max=5	N	I	FDXE	Freight INTL IPD IED IDF	**Field level:** Shipment **Optional** **Description** • Total number of packages within all freight pallets for FedEx Express Freight - International services. • For bill of lading (BOL), this is the number of pallets. You can manually enter this number on the BOL.
Service Type						
1274	Min=2 Max=3	N	I/O	FDXE	INTL IPD	**Field level:** Shipment **Required***

Field ID	Field length	Data Type	Input\Output	FedEx shipping		Description Transaction: 020 Global Ship Request - Open Ship MPS
				Carrier Code (Services)	Valid for	

					IED IDF	**Description**
						 • Service type provided by the IPD/IED/IDF shipper.
						 • Valid service types are:
						   o 17— FedEx International Economy DirectDistribution Service (IED)
						   o 18— FedEx International Priority DirectDistribution (IPD)
						   o 84 — FedEx International Priority DirectDistribution Freight (IDF)

Customer Invoice Number						
1297	Max=15	A/N	I	FXFR	INTL IPD IED IDF	**Required*** **Description** Internal invoice number determined by the customer.
Purchase Order Number						
1300	Max=15	A	I	FDXE	INTL IPD IED IDF	Field level: Shipment Optional **Description** Customer-assigned Purchase Order Number that applies to a FedEx International Priority DirectDistribution (IPD) shipment.
AES Filing Status						
1349	Max=1	A	I	FDXE	INTL IPD IED IDF	**Required*** *Required only for U.S. Export EEI shipping (shipments of value greater than $2500.00 or to an EEI prescribed country). **Description** Valid value is S — Shipper responsible.
Packing Slip Number						
1354	Max=15	A	I	FDXE	INTL	Customer-assigned Packing Slip Number that applies to a FedEx International Priority

| Field ID | Field length | Data Type | Input\ Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Open Ship MPS |
				Carrier Code (Services)	Valid for	
					IPD IED IDF	DirectDistribution (IPD) shipment.

IOR Code						

1355	Max=15	A/N	I/O	FDXE	INTL IPD IED IDF	**Required*** **Description** • For IPD, it is the Importer of Record (IOR) Code. • The importer of record (IOR) code applies to the individual shipment and must match an IOR code entered during configuration. • Returned as output only for FedEx International Priority DirectDistribution (IPD) and FedEx International DirectDistribution Freight (IDF) shipments. *Note: Normally, Field 542 is used for open shipping. However, for IPD Open Ship, use Field 1355 (IOR Facility Code) with Field 24 (Ship Date) and Field 1274 (Service Type) to form a unique shipment.*

FTR, or ITN Entry						

1358	Max=32	A	I	FDXE	INTL IPD IED IDF	Required* or Defaulted **Description** • Input the Foreign Trade Regulations (FTR) Exemption Number, the Pre-Departure ITN, Post Departure Citation, or AES Downtime Citation.* • FTR defaults to NO EEI 30.36 for FedEx Express and FedEx Ground shipments to Canada (CA). • FTR defaults to NO EEI 30.37(a) for FedEx Express shipments to all other countries. *Note: FTR exemption values NO EEI 30.37(e), NO EEI 30.37(q), NO EEI 30.37(e) are no longer supported. FTR Exemption values NO EEI*

| Field ID | Field length | Data Type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Open Ship MPS

						30.37(u), NO EEI 30.37(v), NO EEI 30.37(w), NO EEI 30.37(x), NO EEI 30.37(y) are now supported.
						
						• For custom labels, no default applies; this field is required to ensure the value is included in the 2D barcode.
						
						• Valid format for Pre-Departure ITN: AES_XYYYYMMDDnnnnnn
						
						   o Position 1-5 — AES_X is static (Underscore represents a space.)
						
						   o Position 6-13 — YYYYMMDD is date
						
						   o Position 14-19 — six-digit number issued by AES when shipper files his EEI and the record is accepted by AES.
						
						   o Valid format for Post Departure Citation: AESPOST_nnnnnnnnnAA_mm/dd/yy
						
						   o Position 1-7 — AESPOST is static
						
						   o Position 8 — a space (Underscore represents a space.)
						
						   o Position 9-17 — nine-digit EIN number
						
						   o Position 18-19 — EIN suffix (alphanumeric)
						
						   o Position 20 — a space (Underscore represents a space.)
						
						   o Position 21-30 — date
						
						• Valid format for AES Downtime Citation: AESDOWN_nnnnnnnnnAA_mm/dd/yy
						
						   o Position 1-7 — AESDOWN is static
						
						• Other positions same as AESPOST noted above.
						
						Note: In an Open Ship shipment, Field 1358 must be used in a CREATE transaction. If you use the field in the CREATE transaction the value is not overridden if also used in the CONFIRM.

| Field ID | Field length | Data Type | Input\ Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Open Ship MPS |
				Carrier Code (Services)	Valid for	
Alternate Return Address Contact Name						
1485	FDXE and FDXG Max=35 FXGE Max=30	A	I	FDXE	INTL IPD IED IDF	**Field level:** Shipment **Required*** **Description** • Name of contact on return address. • *Required if Field 1586 is set to Y and Field 1486 is not used.
Alternate Return Address Company Name						
1486	FDXE and FDXG Max=35 FXGE Max=30	A	I	FDXE	INTL IPD IED IDF	**Field level:** Shipment **Required*** **Description** • Company name on return address. • *Required if 1586 is set to Y and Field 1485 is not used.
Alternate Return Address Line 1						
1487	Max=100	A	I	FDXE	INTL IPD IED IDF	**Field level:** Shipment **Required*** **Description** • First line of return address. • *Required if 1586 is set to Y.
Alternate Return Address Line 2						
1488	Max=100	A	I	FDXE	INTL IPD IED IDF	**Field level**: Shipment **Required*** **Description** • Second line of the return address. • *Required if 1586 is set to Y.
Alternate Return Address City						
1489	FDXE and	A	I	FDXE	INTL IPD	**Field level:** Shipment **Required***

| Field ID | Field length | Data Type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Open Ship MPS
	FDXG Max=35 FXGE Max=30				IED IDF	**Description** • City name on return address. • *Required if 1586 is set to Y.
Alternate Return Address State/Province						
1490	Max=2	A	I	FDXE	INTL IPD IED IDF	**Field level:** Shipment **Required*** **Description** • State or province on return address. • *Required if 1586 is set to Y and the return address country is U.S., Canada (CA), or Puerto Rico (PR).
Alternate Return Address Postal Code						
1491	Max=10	A/N	I	FDXE	INTL IPD IED IDF	**Field level:** Shipment **Required*** **Description** • Postal code on return address. • *Required if 1586 is set to Y.
Alternate Return Address Phone Number						
1492	Max=15	N	I	FDXE	INTL IPD IED IDF	**Field level:** Shipment **Required*** **Description** • Phone number for return address. • *Required if 1586 is set to Y.
APD/PCV Account Number						
1547	Max=9	N	I	FDXE	INTL IDF	**Required*** **Description** • *Required for FedEx International Priority DirectDistribution Freight (IDF). • IDF appointment delivery (APD) or piece count verification (PCV) account number.

Field ID	Field length	Data Type	Input\Output	FedEx shipping		Description Transaction: 020 Global Ship Request - Open Ship MPS
				Carrier Code (Services)	Valid for	
						Note: When used in the Open Ship CREATE transaction, applies to the first customer reference number (CRN) and not the entire IDF shipment.
APD/PCV Payment Types						
1548	Max=1	N	I	FDXE	INTL IDF	**Optional** **Description** Payment type for FedEx International Priority DirectDistribution Freight (IDF) appointment delivery (APD) of piece count verification (PCV) contracted service. *Note: When used in the Open Ship CREATE transaction, applies to the first customer reference number (CRN) and not the entire IDF shipment.*
Appointment Delivery (APD) Flag Field						
1549	Max=1	A	I	FDXE	INTL IDF	**Optional** **Description** When used in the Open Ship CREATE transaction, applies to the first CRN and not the entire IDF shipment.
Piece Count Verification (PCV) Flag						
1550	Max=1	A	I	FDXE	INTL IDF	**Optional** **Description** When used in the Open Ship CREATE transaction, applies to the first customer reference number (CRN) and not the entire IDF shipment.
Return Country Code						
1585	Max=2	N	I	FDXE	INTL IPD IED IDF	**Field level:** Shipment **Required*** **Description** • Code for country of return address. This code must match the origin country code for the shipment.

| Field ID | Field length | Data Type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Open Ship MPS |
				Carrier Code (Services)	Valid for	
						• For International Ground, the Return Address Country code passed in field 1585 must match the destination/recipient country code passed in field 50. • *Required if 1586 is set to Y. • For FedEx Ground® Economy, field is Optional Valid value is U.S. • See the FedEx Ship Manager® Server, Transaction Coding Reference Guide for a list of country codes.
Print Alternate Return Address Flag						
1586	Max=1	A	I	FDXE	INTL IPD IED IDF	**Field level:** Shipment for all shipments except FedEx International Priority DirectDistribution (IPD). For IPD shipments only, Field 1586 is used at the package level. **Required*** **Description** • Set to Y if print alternate return address is required on all Customer Reference Number (CRN) labels. Overrides the sender address on the shipping label as the return address. • Valid values are: 　o Y — Print alternate return address on label 　o N or not present — Do not print alternate return address (default) • *Required to override the sender address on the shipping label.
Shipment Level Indicator						

| Field ID | Field length | Data Type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Open Ship MPS |
				Carrier Code (Services)	Valid for	
1592	Max=1	A	I	FDXE	INTL IPD IED IDF	**Optional** **Description** • Set to Y if • Overwrite Total Customs Value is required during CONFIRM shipment • Print Summary Commodity Description on Master Air Waybill (MAWB) label is required during CONFIRM shipment.
Admissibility Package Type						
1958	Max=3	A	I	FDXE	INTL IPD IED IDF	**Required*** **Description** • Indicate "Admissibility Package Type" if you are using your own packaging for the shipment. • Use for all shipments inbound to Canada (CA) and inbound shipments to the U.S. and Puerto Rico (PR) from Canada and Mexico (MX). • The "Admissibility Package Type" is based on the approved package codes documented in the Admissibility Package Type Codes in the *FedEx Ship Manager® Server Transaction Coding Reference Guide*. If the shipment packaging you are using is not listed, then enter BOX as the default value. • *Required for all shipments inbound to CA and inbound shipments to the U.S. and PR from CA and MX.

11.9.1 Master Air Waybill

The MAWB also contains the following fields listed in Table 208 which are calculated or derived when you CONFIRM a shipment; no entry is allowed for these fields in the CREATE MAWB transaction:

Table 122: Fields with no entry values in Create MAWB

| Field ID | Field length | Data Type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Open Ship MPS |
				Carrier Code (Services)	Valid for	
Package Total						
116	Max=11	N	I/O	FDXE	INTL IPD IED IDF	**Field level:** Shipment **Required*** **Description** • Total number of packages in a shipment, including the master package. • *Required for a multiple-piece shipment (MPS). • For all MPS shipments, the software performs the package count summation based on the number of occurrences of Field 1670-# (Fractional Package Weight) and overrides any input value. • For this shipment, use any method. *Note: You can use this field for FedEx international shipments if you supply shipment Total Packages and Total Weight.*
Total Commodity Customs Value						
119	Max=112	N	I	FDXE	IPD IED IDF	**Field level:** Shipment **Description** • Enter the total dutiable value of the shipment. • *Required when Field 113 (Commercial Invoice Print and Upload Flag) is set to N. • Optional when Field 113 is set to Y. • If Field 113 is set to Y, this value is derived from the sum of Quantity x Unit Value (Field 82 x Field 1030). • An entry in Field 119 (Total Commodity Customs Value) overrides the derived value. • Use field 119 when field 1592 Shipment Level indicator is set to Y. • If Field 113 is set to Y, Field 2404 (Shipment Documentation Flag) position

| Field ID | Field length | Data Type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Open Ship MPS |
				Carrier Code (Services)	Valid for	
						1 (Commercial Invoice) should also be set to Y to generate a commercial invoice (default).
Fractional Package Weight						
1670	Max=8.2	N	I	FDXE	INTL IPD IED IDF	**Field level:** Shipment for international and intra-Canada shipments **Field level:** Package for U.S. individual packages **Required*** **Description** • Weight of package or shipment. • *Required for U.S. shipping (including FedEx Ground hazardous materials shipments) to specify individual package weights. • *Required if Field 1493 is Y. • *Required to receive rate quotes. Only one occurrence of Field ID 1670 may be included in the *025 Rate Available Services Request* transaction. • *Required to be in LBS only when shipping FedEx Ground® Economy. • This weight field supports two implied decimals for ALL shipments and does not require any distinction between FedEx Express, FedEx Ground or FedEx International shipping. • FedEx Ship Manager® Server (FSMS) performs the weight summation and package count. This method is optional for all FedEx International shipping including U.S. Export. • For all FedEx International and intra-Canada Shipping: • You may enter the total shipment weight rather than the individual package weights. If you enter the total shipment weight, you must also use Field 116 (Package Total) to indicate the total

| Field ID | Field length | Data Type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Open Ship MPS |
				Carrier Code (Services)	Valid for	

						number of packages in the shipment.
						
						• Maximum weights allowed are:
						
						  o FedEx Express (non-Freight) — 150 lbs.
						
						  o FedEx Ground — 150 lbs.
						
						  o FedEx Home Delivery — 150 lbs.
						
						  o FedEx Ground® Economy — 70 lbs.
						
						Note: If Field 1670 is not passed in the transaction, all the rating fields in the reply are null (""), zero (0), or not present. For shipping, use Single Shot, Single Piece, Openship, or MPS.
						
						• This weight field supports two implied decimals for ALL shipments and does not require any distinction between FedEx Express, FedEx Ground or FedEx International shipping.
						
						• FedEx Ship Manager® Server (FSMS) performs the weight summation and package count. This method is optional for all FedEx International shipping including U.S. Export.
						
						• For all FedEx International and intra-Canada Shipping:
						
						• For FDXE and FXGE, you may enter the total shipment weight rather than the individual package weights. If you enter the total shipment weight, you must also use Field 116 (Package Total) to indicate the total number of packages in the shipment.
						
						• For FDXG, enter 1670-1, 1670-2, 1670-3, then FSMS counts the packages and states 3 for Package Total.
						
						• Maximum weights allowed are:
						
						  o FedEx Express (non-Freight) — 150 lbs. The correct format is 15000 since there are two implied decimals.
						
						  o FedEx Ground — 150 lbs.

| Field ID | Field length | Data Type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request - Open Ship MPS |
				Carrier Code (Services)	Valid for	
						o FedEx Home Delivery — 150 lbs. The correct format is 15000 since there are two implied decimals. *Note: If Field 1670 is not passed in the transaction, all the rating fields in the reply are null (""), zero (0), or not present.* *For shipping, use Single Shot, Single Piece, Openship, or MPS.*

11.9.2 Adding a package with a child reference number

Table 123: Adding a package with a child reference number

| Field ID | Field length | Data type | Input/Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	
Transaction Code				Transactions: All Request/Reply transactions		
0	Max=3	N	I/O	All	All	**Field level:** Shipment **Required*** **Description** • Indicates the start of a transaction. • For example, 0,"020" or 0,"20" signifies the start of the *020 Global Ship Request* transaction. • For shipping, use Single Shot, Single Piece, Open Ship, and MPS.
Recipient Company				Transactions: 020 Global Ship Request, 060/160 Freight Create BOL		
11	FDXG and FDXE Max=35 FXGE Max=30	A/N	I	FDXE FDXG FXGE FXFR	All	**Field level:** Shipment **Required*** **Description** • Company name of the Recipient. • *Required if shipment is being sent to a

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	**Valid for**	
						company.
						• If this field is not applicable, Field 12 (Recipient Name) must be completed.
						• For shipping, use Single Shot, Single Piece, Open Ship, or MPS.
Recipient Contact Name				Transactions: 020 Global Ship Request, 060/160 Freight Create BOL		
12	FDXG and FDXE Max=35 FXGE Max=30	A/N	I	FDXE FDXG FXGE FXFR	All	**Field level:** Shipment **Required*** **Description** Contact name at the Recipient company. *Required: • If a recipient company is not provided. • For all C.O.D. (U.S. and CA Ground services only), alcohol, bill recipient, and bill third party. • For Hold At Location service. • For shipping, use Single Shot, Single Piece, Open Ship, or MPS.
Recipient Address Line 1				Transactions: 020 Global Ship Request, 060/160 Freight Create BOL		
13	Max=100	A/N	I	FDXE FDXG FXGE FXFR	All	**Field level:** Shipment **Required*** **Description** • Primary address line of Recipient address. This is the address to which the shipment is sent. Field contains street number and street name. • For shipping, use Single Shot, Single Piece, Open Ship, or MPS.
Recipient Address Line 2				Transactions: 020 Global Ship Request, 060 Freight Create BOL Request		
14	Max=100	A/N	I	FDXE	All	**Field level:** Shipment

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
				FDXG FXGE FXFR		**Required*** **Description** - Second address line of Recipient address. This is the address to which the shipment is sent. *Required if the address contains secondary address elements such as apartment number, suite number, floor building, and so forth in addition to the street name and street number provided in Field 13 (Recipient Address Line 1). - For shipping, use Single Shot, Single Piece, Open Ship, or MPS.
Recipient Address Line 3				Transactions: 020 Global Ship Request, 060 Freight Create BOL Request		
2944	Max=100	A/N	I	FDXE FDXG FXGE FXFR	All	**Field level:** Shipment **Optional** **Description** Recipient Address Line 3 field states the third address line of Recipient. This enables the customer to include an additional recipient address line in a transaction.
Recipient City				Transactions: 020 Global Ship Request, 025 Rate Available Services Request, 060/160 Freight Create BOL		
15	FDXG and FDXE Max=35 FXGE Max=30	A	I	FDXE FDXG FXGE FXFR	All	**Field level:** Shipment **Required*** **Description** - City name for the Recipient address. This is the city to which the shipment is sent. - If a military address state code (AA, AE, or AP) is passed in Field 16 in the 020 Shipping transaction for a FedEx Ground® Economy shipment, FSMS will allow a value of *PO, such as APO, FPO, or DPO to be passed in for the recipient

Field ID	Field length	Data type	Input/Output	FedEx shipping		Description
				Carrier Code (Services)	**Valid for**	
						city.
						• Valid values are:
						o APO — Army Post Office
						o FPO — Fleet Post Office
						o DPO — Diplomatic Post Office
						Note:
						• International FedEx Ground® Economy shipments can only be made to military addresses.
						• If you attempt to process an international FedEx Ground® Economy shipment to one of the AA, AE, or AP state codes (Field 16) and the Recipient City (Field 15) code begins with any value other than *PO (where * represents a wildcard before the letters 'PO' as in APO, FPO, or DPO), then Error Message 2731, "The city name must begin with APO, FPO, or DPO for this destination", is returned and the transaction fails.
						• If FedEx Ground shipment, city name is limited to 20 characters.
						• For shipping, use Single Shot, Single Piece, Open Ship, or MPS.
Recipient State/Province				Transactions: 020 Global Ship Request, 025 Rate Available Services Request, 503 Tracking Reply, 060/160 Freight Create BOL		
16	Max=2 CA, PR, U.S. Max=14 Other countries	A	I/O	FDXE FDXG FXGE FXFR		**Field level:** Shipment **Required*** **Description** • State or province code of the Recipient address. • Field length is 2 for Canada (CA), Puerto Rico (PR) and U.S. Field length is 14 for other countries. • *Required for U.S., CA and PR. • For shipping, use Single Shot, Single

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
						Piece, Open Ship, or MPS. • *See* "Country Code Tables" in the *FedEx Ship Manager® Server Transaction Coding Reference Guide* for a list of state and province codes. *Note:* • If field ID 16 (Recipient State) is not present in the transaction when creating a Return Shipment, FSMS does not default it to the state code associated with the meter in the configuration screen unless the recipient country code present in the transaction matches the country code configured for the meter. • If field ID 16 (Recipient State) is present in the transaction when creating a Return Shipment, FSMS does not default or override it with the state code associated with the meter in the configuration screen even if the country codes match.
Recipient Postal Code				Transactions: 020 Global Ship Request, 025 Rate Available Services Request, 050 Service Types and Special Services Request, 060/160 Freight Create BOL		
17	Max=10	A/N	I	FDXE FDXG FXGE FXFR	All	**Field level:** Shipment **Required*** **Description** • Postal code for the city and state or province code of the Recipient address. • *Required for countries which use postal codes. • For FedEx international shipments: Canada (CA), Puerto Rico (PR) and U.S. must always use valid postal codes. • For shipping, use Single Shot, Single Piece, Open Ship, or MPS. • For a list of countries that use postal codes, *see* "Country Code Tables" in the

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
						FedEx Ship Manager® Server Transaction Coding Reference Guide.
Recipient Phone Number				Transactions: 020 Global Ship Request, 060 Freight Create BOL Request		
18	Max=15	N	I	FDXE FDXG FXGE FXFR	All	**Field level:** Shipment **Required*** **Description** Phone number of the Recipient address. This number is used for FedEx® Collect on Delivery (C.O.D.), Hold at Location (HAL) and Alcohol shipments. *Note: Do not include non-numeric characters such as a parenthesis or dash. For shipping, use Single Shot, Single Piece, Open Ship, or MPS.*
Recipient Country				Transactions: 020 Global Ship Request, 025 Rate Available Services Request, 050 Service Types and Special Services Request, 060/160 Freight Create BOL		
50	Max=2	A	I/O	FDXE FDXG FXGE FXFR	U.S. INTL	**Field level:** Shipment **Required*** **Description** - Two-digit code indicating the country of the Recipient address. *Required for FedEx International Priority DirectDistribution® (IPD), FedEx International Economy DirectDistribution℠ Service (IED) and FedEx International Priority DirectDistribution Freight (IDF) shipments. *Required for FedEx Ground® Economy®. *Required for Open Ship function. - For shipping, use Single Shot, Single Piece, Open Ship, or MPS. - For a list of country codes, see "Country Code Tables" in the *FedEx Ship*

Field ID	Field length	Data type	Input/Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
						Manager® Server Transaction Coding Reference Guide.
Package Height					**Transactions: 020 Global ship Request**	
57-#	Max=3	N	I	FDXE FDXG FXGE	All	Field level: Package Optional **Description** - Height measurement per package. - No implied decimal places. *Required for shipping FedEx Express Freight. - Recommended if using customer packaging to ensure accurate billing as dimensional weighting or oversize conditions may apply. - For FedEx Ground® Economy: field is optional; always enter in inches. - Minimum FedEx Express dimensions are in inches: 1" x 1" x 1" (L x W x H); or in centimeters: 1 cm. x 1 cm. x 1 cm. (L x W x H). - See the <u>FedEx Service Guide for</u> service details related to DIM Weighting for FedEx Express and oversize conditions for FedEx Express and FedEx Ground. - For shipping, use Single Shot, Single Piece, Open Ship, or MPS. *Note: FSMS does not sort dimensions. For correct dimensional weight calculations, the longest dimension must be placed in Field 59 (Package Length).*
Package Width					**Transactions: 020 Global Ship Request**	
58-#	Max=3	N	I	FDXE FDXG FXGE	All	**Field level:** Package Field level **Required*** or Optional **Description**

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
						• Width measurement per package.
						• No implied decimal places.
						• *Required for shipping FedEx Express Freight.
						• Recommended if using customer packaging to ensure accurate billing as dimensional weighting or oversize conditions may apply.
						• For FedEx Ground® Economy: field is optional; always enter in inches.
						• Minimum FedEx Express dimensions are in inches: 1" x 1" x 1" (L x W x H); or in centimeters: 1 cm. x 1 cm. x 1 cm. (L x W x H).
						• For shipping, use Single Shot, Single Piece, Open Ship, or MPS.
						Note: FSMS does not sort dimensions. For correct dimensional weight calculations, the longest dimension must be placed in Field 59 (Package Length).
Package Length				**Transactions: 020 Global Ship Request**		
59-#	Max=3	N	I	FDXE FDXG FXGE	All	Field level: Package Required* or Optional **Description** • Length measurement per package. • No implied decimal places. • *Required for shipping FedEx Express Freight. • Recommended if using customer packaging to ensure accurate billing as dimensional weighting or oversize conditions may apply. • For FedEx Ground® Economy: field is optional; always enter in inches. • Minimum FedEx Express dimensions are in inches: 1"x 1" x 1" (L x W x H); or 1

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
						cm. x 1 cm. x 1 cm. (L x W x H).
						• For shipping, use Single Shot, Single Piece, Open Ship, or MPS.
						Note: FSMS does not sort dimensions. For correct dimensional weight calculations, the longest dimension must be placed in Field 59 (Package Length).
Declared Value/Carriage Value					**Transactions: 020 Global Ship Request, 124 Shipment Query Reply**	
69	Max=14.2	N	I	FDXE FDXG FXFR	U.S. INTL	Field level: Shipment for FedEx Express International shipments, Package FedEx Express - U.S., FedEx Ground and FedEx Express intra-CA shipments. Required *Required for all U.S. shipments that are insured with FedEx. **Description** • Declared Value /Carriage Value field specifies the total dollar amount declared or carriage value of the shipment. • This field supports the 14.2 numeric format and has two implied decimal places. • The values of this field must contain only numeric characters and no special characters such as ",", ".", or "$". • For shipping, use Single Shot, Single Piece, Openship, or MPS. • If the Declared Value per Unit is in the wrong currency, FSMS returns Error Message 2458, 'Declared Value per Unit in Freight Shipment Detail - Invalid Currency." • If the Declared Value per Unit is the wrong amount, FSMS returns Error Message 2459, 'Declared Value per Unit in Freight Shipment Detail - Invalid

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
						Amount.'
						Note:
						• *All currency fields for FedEx Express Freight must be in USD. When used to create/print a Bill of Lading (BOL) for FedEx Express Freight, the declared value cannot exceed $100,000 USD. Carriage Value cannot exceed the Customs Value.*
						• *If you need to use a 14.2 numeric format, use Field 69.*
						• *Refer the FedEx Service Guide for allowable limits. Carriage value per package.*
Country of Ultimate Destination				**Transactions: 020 Global Ship Request**		
74	Max=2	A	I	FDXE	INTL IPD IED IDF	Required **Description** Must be one of the ultimate destination countries of the FedEx Clearance Facility.
Weight Units				**Transactions: 020 Global Ship Request, 025 Rate Available Services Request**		
75	Max=3	A	I	FDXE FDXG	All	Field level: Shipment Required* or Defaulted **Description** • Indicates the unit of weight used for the shipment. • *Required if your shipment is calculated in kilograms (KGS). • Valid values are: ○ LBS — Weight in pounds (default for U.S. to U.S.) ○ KGS — Weight in kilograms (for all international) • For shipping, use Single Shot, Single

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	
						Piece, Open Ship, or MPS.
						Note: For intra-U.S. shipments, you may enter the weight in LBS or KGS. If shipping from any U.S. origin to any international destination, then LBS or KGS are required for this field and must be included in the transaction.
Commodity Line Item Weight					**Transactions: 020 Global Ship Request**	
77-#	LBS Max=8.0 KGS Max=8.1	N	I	FDXE FDXG	INTL	Field level: Package Required* and Optional **Description** - No implied decimal place if weight type is LBS. - One implied decimal place if weight type is KGS. *Required for IPD/IDF Open Ship MPS. - Optional for FedEx commercial invoice. - For shipping, use MPS.
[Commodity Customs Value]					**Transactions: 020 Global Ship Request**	
78-#	Max=9.2	N	I	FDXE	INTL (IPD, IED, IEF)	**Description** Customs Value for the given commodity line item. *Note:* *Use Fields 82 and 1030 instead of Field 78 when possible. Field 78 = (Field 82 x Field 1030)* *If Field 113 is set to Y, Field 2404 position 1 (Commercial Invoice) should also be set to Y to generate a CI (default) when shipping International distribution Services such as IPD, IED and IEF.* *The commodity customs value needs to be greater than 0.01 as a total commodity customs value, otherwise your package will be held up. Not this field has only two implied decimals.*

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
Description of Contents					**Transactions: 020 Global Ship Request, 060/160 Freight Create BOL**	
79-#	Max=450	AKE	I	FDXE FDXG FXFR	INTL	Field level: Package Required* **Description** - Description of commodity contents for the shipment. This can be used for free-form entry of document description when Field 2396 (Document Description) is not used. *Required for commodity shipments or for document shipments when Field 190 (Document Shipment Flag) is set to Y, and Field 2396 is not used. *Required for General Agency Agreement (GAA) if import shipment. - Only 31 characters of this field print on the labels, but 450 characters are available for customer input to be used on their own reports, including the Commercial Invoice. If both Field 79 and Field 2396 are populated in the same transaction, Field 2396 takes precedence. Field 79 takes precedence for IPD/IDF/IED shipments - For shipping, use MPS.
Country of Manufacture					**Transactions: 020 Global Ship Request**	
80-#	Max=2	A	I	FDXE FDXG	INTL	Field level: Package Required **Description** - Country code where commodity contents were produced or manufactured in their final form. If using a commercial invoice, this field is used at the commodity level. - For shipping, use MPS.

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	**Valid for**	
						• *See* "Country Code Tables" in the *FedEx Ship Manager® Server, Transaction Coding Reference Guide* for a list of state and province codes.
Harmonized Tariff Schedule (HTS) Code					Transactions: 020 Global Ship Request	
81-#	Max=10	A	I	FDXE FDXG	INTL	Field level: Package Required **Description** • 10-digit Harmonized Tariff Schedule Number for the commodity being exported. Ten (10) digits are required; add zeros if needed. Multiple-occurrence field.
Commodity Quantity					Transactions: 020 Global Ship Request	
82-#	Max=7	N	I	FDXE FDXG	INTL	Field level: Package Required* **Description** • Total number of pieces of a given commodity in the entire shipment. For example, if you are shipping 6 pencils and 4 erasers, you code 82,"6"82-2,"4". • *Required if Field 113 (Commercial Invoice Print and Upload Flag) is set to Y, and you are not using Field 78 (Commodity Customs Value) or Field 119 (Total Commodity Customs Value). • Default: 1 • If FedEx is filing the commercial invoice (CI), the values sent for this field and Field 1030 (Commodity Line Item Unit Value) determine the Total Customs Value for the shipment. • Total Customs Value=Sum of Field 82* Field 1030. This derived value can be overridden by passing a value in Field

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
						ID 119.
						• If Field 113 is set to Y, Field 2404 position 1 (Commercial Invoice) should also be set to Y to generate a commercial invoice (*default*).
Package Total						Transactions: 020/120 Global Ship Request/Reply, 024/124 Shipment Query Request/Reply, 125 Rate Available Services Reply, 160 Freight Create BOL Reply
116	Max=3	N	I/O	FDXE FDXG FXFR	All	Field level: Shipment Required* **Description** • Total number of packages in a shipment, including the master package. • *Required for a multiple-piece shipment (MPS). • For all MPS, the software performs the package count summation based on the number of occurrences of Field 1670-# (Fractional Package Weight) and overrides any input value. • For shipping, use Single Shot, Single Piece, Open Ship, or MPS. *Note: You can use this field for FedEx international shipments if you supply shipment Total Packages and Total Weight. Do not use as an input field for U.S. shipments.*
CI Marks and Numbers						Transactions: 020 Global Ship Request
120-#	Max=15	A	I	FDXE FDXG	INTL	Field level: Package Optional **Description** • An identifying mark or number used on the packaging of a shipment to help customers identify a particular shipment.

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
						• Only used for the FedEx commercial invoice (CI).
USMCA/T-MEC/CUSMA Flag					Transactions: 020 Global Ship Request	
413	Max=1	A	I	FDXE	INTL	Field level: Shipment Optional **Description** • Generates the Commercial Invoice (CI) with the USMCA/T-MEC/CUSMA verbiage. Use only if the customs value is $2,500 CAD or less. • Valid values are: ○ Y — USMCA/T-MEC/CUSMA applies ○ N — USMCA/T-MEC/CUSMA does not apply
Unit of Measure					Transactions: 020 Global Ship Request	
414-#	Max=3	A	I	FDXE FDXG	All	Field level: Package Required* **Description** • Units of measure used to measure the commodity, such as IN, CM, FT, M, L and so forth. • *Required if using FedEx commercial invoice (CI) and/or filing an Electronic Export Information (EEI) document. • *See* "Harmonized Tariff Unit of Measure Codes" in the *FedEx Ship Manager® Server, Transaction Coding Reference Guide* for a list of unit of measure codes.
Open Ship Flags					Transactions: 020 Global Ship Request, 060 Freight Create BOL Request	
541	Max=9	A	I	FDXE	All	**Required***

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
				FDXG FXFR FXGE		**Description** - Identifies transaction functions using nine one-byte flags which are set to Y to indicate shipment level or package level flag. *Required for Open Ship. - Specify Y in the position(s) of the Open Ship functions used for a given transaction. - Specify N in all other positions. All flags must be used and must be either Y or N. If you enter all Ns, all Open Ship functions are disabled. - Default: YNNNNNNNY (CREATE and CONFIRM the Open Ship shipment.) - Each one-byte flag is defined in sequence in the following array: 1 — CREATE an Open Shipment 2 — ROUTE/Time in Transit 3 — RATE 4 — ADD a piece/package 5 — EDIT a piece/package 6 — EDIT/ADD data to the entire shipment 7 — DELETE a package 8 — DELETE the shipment 9 — CONFIRM the shipment - For shipping, use Open Ship. - Refer FedEx Ship Manager® Server Developer Guide for shipping rules.
Commodity Line Item Unit Value					Transactions: 020 Global Ship Request	
1030	Max=15.6	N	I	FDXE FDXG	INTL	Field level: Shipment Required* **Description**

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
						• Selling price or cost (if not sold) of the commodity. • *Required when using the FedEx commercial invoice (CI) IPD/IDF/IED Consolidated Commercial Invoice and Field 113 (Commercial Invoice Print and Upload Flag) is set to Y. • If FedEx is filing the commercial invoice, the value for Field 1030 and Field 82 (Commodity Quantity) determine the Total Customs Value for the shipment. Total Customs Value equals Field 82 multiplied by Field 1030. This derived value can be overridden by passing a value in Field 119 (Total Commodity Customs Value). Do not use Field 119 when using the FedEx CCI. Use Field 82 and 1030. • If Field 113 is set to Y, Field 2404 (Shipment Documentation Flag) position 1 (Commercial Invoice) should also be set to Y to generate the commercial invoice (*default*). • For shipping, use MPS.
Declared Value/Rate Currency Type						Transactions: 020/120 Global Ship Request/Reply, 025/125 Rate Available Services Request/Reply
1090	Max=3	A	I/O	FDXE FDXG	U.S. CA INTL IN-CTR	Field level: Shipment Required* or Defaulted Currency used to rate the shipment. Defaults: • U.S. shipping: USD • Intra-CA shipping: CAD • Intra-Brazil shipping: BRL • Intra-Columbia shipping: COP • Intra-Denmark shipping: DKK • Intra-Switzerland shipping: SFR

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	
						• Intra-UAE shipping: DHS
						• Intra-United Kingdom (UK) shipping: UKL
						• Belgium, France, Germany, Italy, Luxembourg, the Netherlands intra-country shipping: EUR
						• U.S. Export shipping requires USD or CAD to be entered.
						• Canadian Export shipping requires CAD or USD to be entered.
						• All other origins are non-rated.
Shipper's Load And Count (SLAC)/Number of Pallets						Transactions: 020 Global Ship Request, 060 Freight Create BOL Request
1271	Max=5	N	I	FDXE FXFR	INTL	Field level: Shipment Optional **Description** • Total number of packages within all freight pallets for FedEx Express Freight international services. • For bill of lading (BOL), this is the number of pallets. You can manually enter this number on the BOL.
Packaging Type						Transactions: 020/120 Global Ship Request/Reply, 025/125 Rate Available Services Request/Reply, 050 Service Types and Special Services Request
1273	Max=2	N	I/O	FDXE FDXG FXGE	All	Field level: Shipment Required **Description** • For FedEx Express (U.S. and international), FedEx Ground, and FedEx Ground® Economy: o 01 — Customer packaging • For shipping, use Single Shot, Single Piece, Open Ship, or MPS.

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
Service Type						Transactions: 020/120 Global Ship Request/Reply, 025/125 Rate Available Services Request/Reply, 060/160 Create Freight BOL Request/Reply
1274	Min=2 Max=3	N	I/O	FDXE FDXG FXFR	All IN-CTR	Field level: Shipment **Required** **Description** Service type provided by the shipper. Valid service types are: • FedEx Express U.S.: 18 — FedEx International Priority DirectDistribution
Consolidated Index/IOR Code/Importer of Record–Clearance Facility ID						Transactions: 020/120 Global Ship Request/Reply, 124 Shipment Query Reply,
1355	Max=15	A/N	I/O	FDXG	INTL	**Description** • For International Priority DirectDistribution, it is the Importer of Record (IOR) Code. • Importer of record (IOR) code applies to the individual shipment and must match an IOR code entered during configuration. • Returned as output only for FedEx International Priority DirectDistribution (IPD) and FedEx International DirectDistribution Freight (IDF) shipments. *Note: Normally, Field 542 is used for open shipping. However, for IPD Open Ship, use Field 1355 (IOR Facility Code) with Field 24 (Ship Date) and Field 1274 (Service Type) to form a unique shipment.*
Alternate Return Address Contact Name						Transactions: 020 Global ship Request
1485	FDXG and FDXE	A	I	FDXE	All	Field level: Shipment

Field ID	Field length	Data type	Input/Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
	Max=35 FXGE Max=30			FDXG FXGE		Required* **Description** - Name of contact on return address. *Required if 1586 (Print Alternate Return Address Flag) is set to Y, and Field 1486 (Return Address Company Name) is not used. - For shipping, use Single Shot, Single Piece, Open Ship, or MPS.
Alternate Return Address Company Name					Transactions: 020 Global Ship Request	
1486	FDXG and FDXE Max=35 FXGE Max=30	A	I	FDXE FDXG FXGE	All	Field level: Shipment Required* **Description** - Company name on return address. *Required if 1586 (Print Alternate Return Address Flag) is set to Y, and Field 1485 (Return Address Contact Name) is not used. - For shipping, use Single Shot, Single Piece, Open Ship, or MPS.
Alternate Return Address Line 1					Transactions: 020 Global Ship Request	
1487	Max=100	A	I	FDXE FDXG FXGE	All	Field level: Shipment Required* **Description** - First line of return address. *Required if 1586 (Print Alternate Return Address Flag) is set to Y. - For shipping, use Single Shot, Single Piece, Open Ship, or MPS.
Alternate Return Address Line 2					Transactions: 020 Global Ship Request	
1488	Max=100	A	I	FDXE	All	Field level: Shipment

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
				FDXG FXGE		Required* **Description** - Second line of the return address. *Required if 1586 (Print Alternate Return Address Flag) is set to Y. - For shipping, use Single Shot, Single Piece, Open Ship, or MPS.
Alternate Return Address City					Transactions: 020 Global Ship Request	
1489	FDXG and FDXE Max=35 FXGE Max=30	A	I	FDXE FDXG FXGE	All	Field level: Shipment Required* **Description** - City name on return address. *Required if 1586 (Print Alternate Return Address Flag) is set to Y. - For shipping, use Single Shot, Single Piece, Open Ship, or MPS.
Alternate Return Address State/Province					Transactions: 020 Global Ship Request	
1490	Max=2	A	I	FDXE FDXG FXGE	All	Field level: Shipment Required* **Description** - State or province on return address. *Required if Field 1586 (Print Alternate Return Address Flag) is set to Y, and the return address country is U.S., Canada (CA) or Puerto Rico (PR). - For shipping, use Single Shot, Single Piece, Open Ship, or MPS.
Alternate Return Address Postal Code					Transactions: 020 Global Ship Request	
1491	Max=10	A/N	I	FDXE FDXG	All	Field level: Shipment Required*

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	
				FXGE		**Description** • Postal code on return address. • *Required if 1586 (Print Alternate Return Address Flag) is set to Y. • For shipping, use Single Shot, Single Piece, Open Ship, or MPS.
Alternate Return Address Phone Number					Transactions: 020 Global Ship Request	
1492	Max=15	N	I	FDXE FDXG FXGE	All	Field level: Shipment Required* **Description** • Phone number for return address. • *Required if 1586 (Print Alternate Return Address Flag) is set to Y. • For shipping, use Single Shot, Single Piece, Open Ship, or MPS.
APD/PCV Account Number					Transactions: 020 Global Ship Request	
1547	Max=9	N	I	FDXE	INTL IDF	Required* **Description** • *Required for FedEx International Priority DirectDistribution Freight (IDF). • IDF appointment delivery (APD) or piece count verification (PCV) account number. *Note: When used in the Open Ship CREATE transaction, applies to the first customer reference number (CRN) and not the entire IDF shipment.*
APD/PCV Payment Types					Transactions: 020 Global Ship Request	
1548	Max=1	N	I	FDXE	INTL IDF	Optional **Description** Payment type for FedEx International Priority

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	
						DirectDistribution Freight (IDF) appointment delivery (APD) of piece count verification (PCV) contracted service. *Note: When used in the Open Ship CREATE transaction, applies to the first customer reference number (CRN) and not the entire IDF shipment.*
Piece Count Verification (PCV) Flag						Transactions: 020 Global Ship Request
1550	Max=1	A	I	FDXE	INTL IDF	Optional **Description** - When used in the Open Ship CREATE transaction, applies to the first customer reference number (CRN) and not the entire IDF shipment. - If set to Y, Field 1271 (Shipper's Load And Count (SLAC)/Number of Pallets) is also required.
Return Country Code						Transactions: 020 Global Ship Request
1585	Max=2	N	I	FDXE FDXG FXGE	All	Field level: Shipment Required* **Description** - Code for country of return address. This code must match the origin country code for the shipment. *Required if 1586 (Print Alternate Return Address Flag) is set to Y. - For shipping, use Single Shot, Single Piece, Open Ship, or MPS. - For FedEx Ground® Economy, field is optional. Valid value is U.S. - See "Country Code Tables" in the *FedEx Ship Manager® Server Transaction Coding Reference Guide* for a list of country codes. - For International Ground, the Return

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	**Valid for**	
						address Country code passed in field 1585 must match the destination/recipient country code passed in field 50.
Print Alternate Return Address Flag						Transactions: 020 Global Ship Request
1586	Max=1	A	I	FDXE FDXG FXGE	All	Field level: Shipment for all shipments except FedEx International Priority DirectDistribution (IPD). For IPD shipments only, Field 1586 is used at the package level. Required* **Description** • Use to override the sender address on the shipping label as the return address. • Valid values are: ○ Y — Print alternate return address on label ○ N — or not present — Do not print alternate return address (default) • *Required to override the sender address on the shipping label. • For shipping, use Single Shot, Single Piece, Open Ship, or MPS.
Fractional Package Weight						Transactions: 020 Global Ship Request, 025 Rate Available Services Request, 060/160 Freight Create BOL
1670-#	Max=8.2	N	I	FDXE FDXG FXGE FXFR	All	Field level: Shipment for international and intra-Canada shipments Field level: Package for U.S. individual packages Required* **Description** • Weight of package or shipment. • *Required for U.S. shipping (including

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
						FedEx Ground hazardous materials shipments) to specify individual package weights.
						• *Required if Field 1493 is Y.
						• *Required to receive rate quotes. Only one occurrence of Field ID 1670 may be included in the *025 Rate Available Services Request* transaction.
						• This weight field supports two implied decimals for ALL shipments and does not require any distinction between FedEx Express, FedEx Ground or FedEx international shipping.
						Note:
						• Value accepts two implied decimal places, therefore 15000 means 150.00 pounds. See Weights for more information. FedEx Ship Manager® Server (FSMS) performs the weight summation and package count. This method is optional for all FedEx international shipping including U.S. Export.
						• For all FedEx international and intra-Canada Shipping:
						• You may enter the total shipment weight rather than the individual package weights. If you enter the total shipment weight, you must also use Field 116 (Package Total) to indicate the total number of packages in the shipment.
						• Maximum weights allowed are:
						o FedEx Express (non-Freight) — 150 lbs.
						o FedEx Ground — 150 lbs.
						o FedEx Home Delivery— 150 lbs.
						o FedEx Ground® Economy— 70lbs.
						Note: If Field 1670 is not passed in the

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
						transaction, all the rating fields in the reply are null (""), zero (0), or not present. For shipping, use Single Shot, Single Piece, Open Ship, or MPS.

11.9.3 Confirming the shipment

The fields listed in Table 210 are required to confirm an Open Ship using the 020 Global Ship Request transaction.

Table 124: Confirming the shipment

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
Recipient Country						Transactions: 020 Global Ship Request, 025 Rate Available Services Request, 050 Service Types and Special Services Request, 060/160 Freight Create BOL
50	Max=2	A	I/O	FDXE FDXG FXGE FXFR	U.S. INTL	Field level: Shipment Required* **Description** • Two-digit code indicating the country of the Recipient address. • *Required for FedEx International Priority DirectDistribution® (IPD), FedEx International Economy DirectDistribution℠ Service (IED) and FedEx International Priority DirectDistribution on Freight (IDF) shipments. • *Required for FedEx Ground® Economy®. • *Required for ADD Piece Open Ship function. • For shipping, use Single Shot, Single Piece, Open Ship, or MPS. • See the Country Code table in the FedEx Ship Manager® Server Transaction Coding

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	
						Reference Guide.
Description of Contents					**Transactions: 020 Global Ship Request, 060/160 Freight Create BOL**	
79-#	Max=450	AKE	I	FDXE FDXG FXFR	INTL	Field level: Package Required* **Description** • Description of commodity contents for the shipment. This can be used for free-form entry of document description when Field 2396 (Document Description) is not used. • *Required for: ○ Commodity shipments or for document shipments when Field 190 (Document Shipment Flag) is set to Y, and Field 2396 is not used. ○ General Agency Agreement (GAA) if import shipment. *Note: Only 31 characters of this field print on the labels, but 450 characters are available for customer input to be used on their own reports, including the Commercial Invoice. If both Field 79 and Field 2396 are populated in the same transaction, Field 2396 takes precedence. Field 79 takes precedence for IPD/IDF/IED shipments.* • For shipping, use MPS.
Total Commodity Customs Value					**Transactions: 020/120 Global Ship Request/Reply, 124 Shipment Query Reply**	
119	Max=11.2	N	I/O	FDXE FDXG	All	Field level: Shipment Required* or Optional **Description** • Enter the total dutiable value of the shipment. • *Required when Field 113 (Commercial

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	**Valid for**	
						Invoice Print and Upload Flag) is set to N.
						• Optional when Field 113 is set to Y.
						• If Field 113 is set to Y, this value is derived from the sum of Quantity x Unit Value (Field 82 x Field 1030).
						• An entry in Field 119 (Total Commodity Customs Value) overrides the derived value.
						• If Field 113 is set to Y, Field 2404 (Shipment Documentation Flag) position 1 (Commercial Invoice) should also be set to Y to generate a commercial invoice (default).
Meter Number						Transactions: Input/Output - 004/104 Tracking Number Request/Reply, 007/107 End-of-Day Close Request/Reply, 020 Global Ship Request, 023 Global Delete Request. 024 Shipment Query Request, 025/125 Rate Available Request/Reply, 135 Child Meter Registration Reply, 050/150 Service Types and Special Services, 050/150 Versioning Request/Reply, 057 Demand Download Request, 070/170 Meter Query or Configuration Request/Reply, 095 Label Reprint Request
498	Min=1 Max=9	N	I/O	FDXE FDXG	All	Field level: Shipment Required* or Defaulted **Description** • Unique number assigned to a FedEx shipping account, which is used in each transaction to identify the revenue/shipping activity of a shipment. This field ensures the tracking number obtained is from the range assigned in the requesting meter. • Default: Parent meter number. • *Required: o If the meter number is different than the meter number configured as the default.

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
						o For reprinting reports.
						Note: Field ID 10, Account Number, may be used instead of Field ID 498, Meter Number, if there is only one meter per FedEx Express account number on the server. For shipping, use Single Shot, Single Piece, Open Ship, or MPS.
						Meter numbers may be any length up to nine-digits.
Open Ship Flags					**Transactions: 020 Global Ship Request, 060 Freight Create BOL Request**	
541	Max=9	A	I	FDXE FDXG FXFR FXGE	All	Required* **Description** Identifies transaction functions using nine one-byte flags which are set to Y to indicate shipment level or package level flag. *Required for Open Ship. • Specify Y in the position(s) of the Open Ship functions used for a given transaction. • Specify N in all other positions. All flags must be used and must be either Y or N. If you enter all Ns, all Open Ship functions are disabled. • Default: YNNNNNNNY (CREATE and CONFIRM the Open Ship shipment.) • Each one-byte flag is defined in sequence in the following array: o 1 — CREATE an Open Shipment o 2 — ROUTE/Time in Transit o 3 — RATE o 4 — ADD a piece/package o 5 — EDIT a piece/package o 6 — EDIT/ADD data to the entire shipment o 7 — DELETE a package

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	**Valid for**	
						o 8 — DELETE the shipment
						o 9 — CONFIRM the shipment
						• For shipping, use Open Ship.
						• Refer FedEx Ship Manager® Server Developer Guide for shipping rules.
Service Type						Transactions: 020/120 Global Ship Request/Reply, 025/125 Rate Available Services Request/Reply, 060/160 Create Freight BOL Request/Reply
1274	Min=2 Max=3	N	I/O	FDXE FDXG FXFR	All	Field level: Shipment Required **Description** • Service type provided by the shipper. • Valid service types are: FedEx International Services (including U.S. Export): o 17 — FedEx International Economy DirectDistribution Service o 18 — FedEx International Priority DirectDistribution o 84 — FedEx International Priority DirectDistribution Freight • For shipping, use Single Shot, Single Piece, Open Ship, or MPS. *Note: Field length of 3 is only applicable for FedEx Express Freight Bill of Lading and International Ground Distribution.*
Consolidated Index/IOR Code/Importer of Record–Clearance Facility ID						**Transactions: 020/120 Global Ship Request/Reply, 124 Shipment Query Reply,**
1355	Max=15	A/N	I/O	FDXG	INTL	**Description** • For International Priority DirectDistribution, it is the Importer of Record (IOR) Code. • Importer of record (IOR) code applies to

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	
						the individual shipment and must match an IOR code entered during configuration.
						• Returned as output only for FedEx International Priority DirectDistribution (IPD) and FedEx International DirectDistribution Freight (IDF) shipments.
						Note: Normally, Field 542 is used for open shipping. However, for IPD Open Ship, use Field 1355 (IOR Facility Code) with Field 24 (Ship Date) and Field 1274 (Service Type) to form a unique shipment.
FTR, or ITN Entry				**Transactions: 020 Global Ship Request**		
1358	Max=32	A	I	FDXE FDXG	INTL	Required or Defaulted **Description** • Input the Foreign Trade Regulations (FTR) Exemption Number, the Pre-Departure ITN, Post Departure Citation, or AES Downtime Citation.* • FTR defaults to NO EEI 30.36 for FedEx Express and FedEx Ground shipments to Canada (CA). • FTR defaults to NO EEI 30.37(a) for FedEx Express shipments to all other countries. *Note: FTR exemption values NO EEI 30.37(e), NO EEI 30.37(q), NO EEI 30.37(e) are no longer supported. FTR Exemption values 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) are now supported.* • For custom labels, no default applies; this field is required to ensure the value is included in the 2D barcode. • Valid format for Pre-Departure ITN: AES_XYYYYMMDDnnnnnn o Position 1-5 — AES_X is static (Underscore represents a space.) o Position 6-13 — YYYYMMDD is date

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	

						◦ Position 14-19 — six-digit number issued by AES when shipper files his EEI and the record is accepted by AES.
						
						• Valid format for Post Departure Citation: AESPOST_nnnnnnnnnAA_mm/dd/yy
						
						  ◦ Position 1-7 — AESPOST is static
						
						  ◦ Position 8 — a space (Underscore represents a space.)
						
						  ◦ Position 9-17 — nine-digit EIN number
						
						  ◦ Position 18-19 — EIN suffix (alphanumeric)
						
						  ◦ Position 20 — a space (Underscore represents a space.)
						
						  ◦ Position 21-30 — date
						
						• Valid format for AES Downtime Citation: AESDOWN_nnnnnnnnnAA_mm/dd/yy
						
						  ◦ Position 1-7 — AESDOWN is static
						
						• Other positions same as AESPOST noted above.
						
						*Note: In an Open Ship shipment, Field 1358 must be used in a CREATE transaction. If you use the field in the CREATE transaction the value is not overridden if also used in the CONFIRM. *Detailed exemption provisions for when an EEI is not required are contained in the FTSR, Subpart D, sections 30.50 through 30.58. For acceptable EEI exemption statements, refer to Foreign Trade Statistics Letter 168 (amendment1).*

Deferred Label Flag				Transactions: 020/120 Global Ship Request/Reply		
2406	Max=1	A	I/O	FDXE FDXG	All	Required* **Description** • If set to Y, stores the label data received in the *095 Transaction* in a label table. • * Must be set to Y to defer printing the label.

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	

						• Valid values are:
						
						   ○ Y — Defer printing of label
						
						   ○ N — Do not defer printing of label (*default*)

11.9.4 Rounding Up weights on IPD/IDF shipments

Round up of the weight (Field 1670 Fractional Package Weight) for FedEx International Priority DirectDistribution /FedEx International Priority DirectDistribution Freight in FSMS is now based on the shipment weight at shipment level, not customer reference number (CRN) weight at package level.

FedEx Ship Manager® Server uploads the exact weight of each child (CRN level) package, as well as the exact summed weight at the master air waybill level.

Example

A shipment consists of three packages with weights of 4.2 lbs., 3.1 lbs. and 6.8 lbs. The exact weights of each package are placed into the upload file, as well as printed on the CRN shipping labels. The three weights are added together to create the shipment master weight (14.1 lbs.).

Table 125: IPD/IDF shipment weights

Shipment Pieces		Weight in input transaction	Weight in upload file	Weight printed on label
IPD	CRN1	4.2 LBS	4.2 LBS	4.2 LBS
	CRN2	3.1 LBS	3.1 LBS	3.1 LBS
	CRN3	6.8 LBS	6.8 LBS	6.8 LBS
Total	MAWB		15 LBS	14.1 LBS

The weight that is used to rate for cost is the rounded up MAWB weight (15 lbs.).

11.9.5 Package level commodity fields affected by field 4574

When Field 4574 is set to 2 — Different commodity set data, the following existing package-level commodity fields for FedEx International Priority DirectDistribution and FedEx International Priority DirectDistribution Freight pieces are affected:

Note: The format for a multiple occurrence field — where there is X-#-# — applies ONLY to FedEx International Priority DirectDistribution /FedEx International Priority DirectDistribution Freight multiple-piece shipments (MPS) Single Shot transactions. For an explanation of the field format, see Nested Occurrence Fields for IPD/IDF Transactions .

11.9.6 Deleting an IPD/IED/IDF Customer Reference Number (CRN)

You can delete a Customer Reference Number (CRN), also known as a piece or package, from a shipment after you CREATE the master air waybill (MAWB) and ADD CRN to the shipment. **Table 127** lists the required fields to use in a DELETE CRN transaction.

Table 126: Fields to Delete CRN in IPD/IED/IDF shipment

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description Transaction: 020 Global Ship Request - Open Ship
				Carrier Code (Services)	Valid for	
Tracking Number						
29	Min=12 Max=25	A	I/O	FDXE	INTL IPD IED IDF	Required* • Tracking number of the package or piece in a multiple-piece shipment (MPS). • *Required with Field 541 to identify the package to ADD, EDIT or DELETE in an Open Ship 020/120 Global Ship Request/Reply transaction.
Recipient Country						
50	Max=2	A	I	FDXE	INTL IPD IED IDF	Field level: Shipment Required* • Two-digit code indicating the country of the Recipient address. • *Required for FedEx International Priority DirectDistribution® (IPD), FedEx International Economy DirectDistribution℠ Service (IED) and FedEx International Priority DirectDistribution Freight (IDF) shipments. • *Required for FedEx Ground® Economy®. • *Required for ADD Piece Open Ship function. • For this shipment, use any method. • See Appendix C in the FedEx Ship Manager® Server Transaction Coding Reference Guide for the Country Code table.

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Open Ship
Meter Number						

498	Max=7	N	I	FDXE	INTL IPD IED IDF	Field level: Shipment Required* or Defaulted
						
						 • Unique number assigned to a FedEx shipping account, which is used in each transaction to identify the revenue/shipping activity of a shipment. This field ensures the tracking number obtained is from the range assigned in the requesting meter.
						
						 • Default: Parent meter number.
						
						 • *Required:
						    ○ If the meter number is different than the meter number configured as the default.
						    ○ For reprinting reports.
						
						 Note: Field ID 10, Account Number, may be used instead of Field ID 498, Meter Number, if there is only one meter per FedEx Express account number on the server. For shipping, use Single Shot, Single Piece, Open Ship, or MPS.
						
						 Meter numbers may be any length up to nine-digits.

Open Ship Flags						
541	Max=9	A	I	For FDXE: IPD IED IDF	INTL	Required* • Identifies transaction functions using nine one-byte flags which are set to Y to indicate shipment level or package level flag. • *Required for Open Ship. • Specify Y in the position(s) of the Open Ship functions used for a given transaction. • Specify N in all other positions. All flags must be used and must be either Y or N. If you enter all Ns, all Open Ship functions are disabled.

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request - Open Ship

						• Default: YNNNNNNNY (CREATE and CONFIRM the Open Ship shipment.)
						• Each one-byte flag is defined in sequence in the following array:
						   ◦ 1 — CREATE an Open Shipment
						   ◦ 2 — ROUTE/Time in Transit
						   ◦ 3 — RATE
						   ◦ 4 — ADD a piece/package
						   ◦ 5 — EDIT a piece/package
						   ◦ 6 — EDIT/ADD data to the entire shipment
						   ◦ 7 — DELETE a package
						   ◦ 8 — DELETE the shipment
						   ◦ 9 — CONFIRM the shipment
						• For shipping, use Open Ship.
						• Refer FedEx Ship Manager® Server Developer Guide for shipping rules.

Service Type						

1274	Min=2 Max=3	N	I/O	FDXE	INTL IPD IED IDF	Field level: Shipment
						Required
						Description
						• Service type provided by the IPD/IED/IDF shipper.
						• Valid service types are:
						   ◦ 17 — FedEx International Economy DirectDistribution Service (IED)
						   ◦ 18 — FedEx International Priority DirectDistribution (IPD)
						   ◦ 84 — FedEx International Priority DirectDistribution Freight (IDF)

IOR Code						
1355	Max=15	A/N	I	FDXE	INTL	Required*

Field ID	Field length	Data type	Input\ Output	FedEx shipping		Description Transaction: 020 Global Ship Request - Open Ship
				Carrier Code (Services)	Valid for	
					IPD IED IDF	• The transaction contains the importer of record (IOR) code that applies to the individual shipment and must match an IOR code entered during configuration. • Returned as output only for FedEx International Priority DirectDistribution (IPD) and FedEx® International DirectDistribution Freight (IDF) shipments. *Note: Normally, Field 542 is used for open shipping. However, for IPD Open Ship, use Field 1355 (IOR Facility Code) with Field 24 (Ship Date) and Field 1274 (Service Type) to form a unique shipment.*

11.9.7 Deleting an IPD/IED/IDF shipment

If needed, you can delete a shipment after the master air waybill (MAWB) and CRN (packages) are created. To delete the entire shipment, create an 020 Global Ship Request transaction using the fields listed in Table 213.

Table 127: Fields to Delete IPD/IED/IDF shipment

Field ID	Field length	Data Type	Input\ Output	FedEx shipping		Description Transaction: 020 Global Ship Request
				Carrier Code (Services)	Valid for	
Tracking Number						
29	Min=12 Max=25	A	I/O	FDXE	INTL IPD IED IDF	Required* **Description** • Tracking number of the package or piece in a multiple-piece shipment (MPS). • *Required with Field 541 to identify the package to ADD, EDIT or DELETE in an Open Ship 020/120 Global Ship Request/Reply transaction.
Recipient Country						
50	Max=2	A	I	FDXE	INTL	Field level: Shipment

Field ID	Field length	Data Type	Input\Output	FedEx shipping		Description Transaction: 020 Global Ship Request
				Carrier Code (Services)	Valid for	
					IPD IED IDF	Required* • *Required for FedEx International Priority DirectDistribution (IPD), FedEx International Economy DirectDistribution Service (IED) and FedEx International Priority DirectDistribution Freight (IDF) shipments. • *Required for FedEx Ground® Economy. • *Required for ADD Piece Open Ship function. • **Description** • Two-digit code indicating the country of the Recipient address. • See Appendix C in the FedEx Ship Manager® Server Transaction Coding Reference Guide for the Country Code table.
Meter Number						

498	Max=7	N	I	FDXE	INTL IPD IED IDF	Field level: Shipment
						Required* or Defaulted
						
						• *Required:
						   o If the meter number is different than the meter number configured as the default.
						   o For reprinting reports.
						
						Description
						
						• Unique number assigned to a FedEx shipping account, which is used in each transaction to identify the revenue/shipping activity of a shipment. This field ensures the tracking number obtained is from the range assigned in the requesting meter.
						
						• Default: Parent meter number.
						
						Note: Field ID 10, Account Number, may be used instead of Field ID 498, Meter Number, if there is only one meter per FedEx Express account number on the server. For shipping, use Single

| Field ID | Field length | Data Type | Input\ Output | FedEx shipping | | Description Transaction: 020 Global Ship Request |
				Carrier Code (Services)	Valid for	
						Shot, Single Piece, Open Ship, or MPS. *Meter numbers may be any length up to nine-digits.*
Open Ship Flags						
541	Max=9	A	I	For FDXE: IPD IED IDF	INTL	Required* **Description** • Identifies transaction functions using nine one-byte flags which are set to Y to indicate shipment level or package level flag. • *Required for Open Ship. • Specify Y in the position(s) of the Open Ship functions used for a given transaction. • Specify N in all other positions. All flags must be used and must be either Y or N. If you enter all Ns, all Open Ship functions are disabled. • Default: YNNNNNNNY (CREATE and CONFIRM the Open Ship shipment.) • Each one-byte flag is defined in sequence in the following array: ○ 1 — CREATE an Open Shipment ○ 2 — ROUTE/Time in Transit ○ 3 — RATE ○ 4 — ADD a piece/package ○ 5 — EDIT a piece/package ○ 6 — EDIT/ADD data to the entire shipment ○ 7 — DELETE a package ○ 8 — DELETE the shipment ○ 9 — CONFIRM the shipment • For shipping, use Open Ship. • Refer FedEx Ship Manager® Server Developer Guide for shipping rules.

| Field ID | Field length | Data Type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request |
				Carrier Code (Services)	Valid for	
Service Type						

1274	Min=2 Max=3	N	I/O	For FDXE: IPD IED IDF	INTL	Field level: Shipment **Required*** **Description**
						• Service type provided by the IPD/IED/IDF shipper.
						• Valid service types are:
						  o 17— FedEx International Economy DirectDistribution Service (IED)
						  o 18— FedEx International Priority DirectDistribution (IPD)
						  o 84 — FedEx International Priority DirectDistribution Freight (IDF)

IOR Code						
1355	Max=15	A/N	I	FDXE	INTL IPD IED IDF	**Required*** **Description** • For International Priority DirectDistribution, it is the Importer of Record (IOR) Code. • Importer of record (IOR) code applies to the individual shipment and must match an IOR code entered during configuration. • Returned as output only for FedEx International Priority DirectDistribution (IPD) and FedEx International DirectDistribution Freight (IDF) shipments. • Format for Field 1355 is IPD-XXXXXX. *Note: Normally, Field 542 is used for open shipping. However, for IPD Open Ship, use Field 1355 (IOR Facility Code) with Field 24 (Ship Date) and Field 1274 (Service Type) to form a unique shipment.*

11.10 Specifying IPD/IDF/IED shipment service type

When you create an IPD/IDF/IED transaction, you must tell FSMS what type of shipment you are requesting by

Specify an International Priority DirectDistribution Shipment

A FedEx International Priority DirectDistribution (IPD) shipment is identified for FSMS by including the following fields as part of the 020 Global Ship Request transaction:

- Field 1273 (Packaging Type) set to 01. Example: 1273,"01".
- Field 1274 (Service Type) set to 18. Example, 1274,"18".

Example IPD Transaction Fields displays a list of example IPD transaction fields with the Packaging Type and Service Type field values circled.

Figure 28: Example IPD transaction fields

Specify a FedEx International priority DirectDistribution Freight shipment

A FedEx International Priority DirectDistribution Freight (IDF) shipment is identified for FSMS by including the following fields as part of the 020 Global Ship Request transaction:

- Field 1273 (Packaging Type) set to 01. Example: 1273,"01".
- Field 1274 (Service Type) set to 84. Example: 1274,"84".

Example IDF Transaction Fields displays a list of example IDF transaction fields with the Packaging Type and Service Type field values circled.

Figure 29: Example IDF transaction fields

Specify a FedEx International Economy DirectDistribution Service Shipment

A FedEx International Economy DirectDistribution Service (IED) shipment is identified for FSMS by including the following fields as part of the 020 Global Ship Request transaction:

- Field 1273 (Packaging Type) set to 01. Example: 1273,"01".
- Field 1274 (Service Type) set to 17. Example: 1274,"17".

Example IED Transaction Fields displays a list of example IED transaction fields with the Packaging Type and Service Type field values circled.

Figure 30: Example IED transaction fields


```
Open Ship Process Request Flags (541)    NNNYNNNNN
Unit Value (1030)                        1200829975
Rate Currency Type (1090)                USD
Dim Units (1116)                         CM
Packaging Type (1273)                    01
Service Type (1274)                      17
thermal_label_print_flag (1282)          Y
Importer clearance facility id (1355)    IPD-INDI123456
```

Specifying IPD/IDF/IED Single Point of Clearance

In a normal IPD/IDF/IED shipment, you must label all pieces (CRNs) of the same or different recipient addresses to the same destination country and clearance facility as the master air waybill (MAWB). However, a single point of clearance (SPOC) shipment to Europe allows any piece (CRN) to be labeled to different European Union countries under a single master air waybill (MAWB).

If the clearance facility configured in your FSMS meter settings is IDSI of country FR (France), your shipments are identified as single point of clearance (SPOC) to Europe.

Example Single Point of Clearance Field displays an example of a single point of clearance (SPOC) field with the IDSI portion of the importer clearance facility identification number underlined.

 Note: Effective Jan 2021,

- *Since the United Kingdom (GB) will not be part of European Union (EU), shipments between the United Kingdom (GB) and European Union (EU) are customs controlled. Similarly, shipments between the United Kingdom (GB) and the rest of the world, including Switzerland, Norway, Iceland, and Liechtenstein need customs clearance documents.*
- *United Kingdom (GB) is no longer the International Priority Distribution single point of clearance (SPOC) for the European Union (EU).*
- *IPD/IED/IDF SPOC distribution shipments between the United Kingdom (UK) and European Union (EU):*
    - *Will not contain Child shipments (Child reference numbers (CRNs)) destined to the United Kingdom (UK)*
    - *Will not contain master shipments destined to European Union (EU) cleared in the United Kingdom (UK)*

Figure 31: Example single point of clearance field


```
Open Ship Process Request Flag (541)     YNNNNNNNN
Rate Currency Type (1090)                USD
Packaging Type (1273)                    1
Service Type (1274)                      18
Customer Invoice_number (1297)
Importer clearance facility id (1355)    IPD-IDSI654321
```

11.11 FedEx Customer Reference Number report

The FedEx Customer Reference Number (CRN) Report, also referred to as the IPD/IED/IDF CRN report, is available for these FedEx international services:

- FedEx International Priority DirectDistribution (IPD)

- FedEx International Economy DirectDistribution Service (IED)

- FedEx International Priority DirectDistribution Freight (IDF)

The IPD/IED/IDF CRN report accompanies the IPD/IED Visa Manifest Report (VMR) and is used in the event the shipment must be manually entered and manifested. Customers who print CRN reports need to verify that they have no problems uploading information and printing the packaging list and manifest report.

The report information includes the Consignee Name, Company, Weight, Address1, Address2, Phone and CRN Tracking Number.

The CRN Report prints in the following formats:

- Word document (.doc)

- Rich Text File (.rtf)

- Text only (.txt)

- Portable Document Format (.pdf)

11.11.1 CRN report design

To print the CRN Report for each tracking number, you would need the CRN header and CRN Recipient details which you can refer in the table 214.

Note: The line numbers shown in the first column of the table below indicate the placement of the fields within the individual CRN section of the report. Within the individual line numbers, the report fields are listed from left to right.

Table 128: CRN report design - Individual details

Line #	CTS Tag#	CTS Data Element Name	Text/Label	Max Field length	Value, Format, Description
1	N/A	N/A			Print a blank line before each CRN section.
2	29	Tracking Number	"CRN Tracking #:"	25	Following the label text, print the Tracking number for the individual CRN.
2	1670	Fractional Package Weight	"CRN Weight:"	11	Following the label text, print the package weight of the individual CRN. Format: 99999999.99
2	75	Weight Type		3	Following the individual "package weight, print the weight type (LBS or KGS) for the actual package CRN weight.
2	526	Tracking Form ID	"CRN FORM ID:"	4	Following the label text, print the FORM ID of the individual CRN. Format: 9999, e.g. 0491

Line #	CTS Tag#	CTS Data Element Name	Text/Label	Max Field length	Value, Format, Description
2	198	Destination Loc ID	"Destination LOC ID:"	4	Following the label text, print the 4 character Destination Location ID for the individual CRN. Ex: OLVA.
3	25	Reference Information	"Customer Reference:"	40	Following the label text, if provided, print the value of the Customer Reference field
4	N/A	N/A			Print a blank line before the CRN recipient detail.
5	N/A	N/A	"CRN Recipient:"		Print the Section header text.
5	11	Recipient Company	"Company:"	35	Following the label text, print the Recipient Company Name of the CRN
5	50	Recipient Country	"Destination Country:"	2	Following the label text, print the Recipient Country Code of the CRN
6	12	Recipient Contact Name	"Contact:"	35	Following the label text, print the Recipient Contact Name of the CRN
7	13	Recipient Address Line 1	"Address 1:"	100	Following the label text, print the Recipient Address line 1 of the CRN
7	15	Recipient City	"City:"	35	Following the label text, print the Recipient City of the CRN
8	14	Recipient Address Line 2	"Address 2:"	100	Following the label text, print the Recipient Address line 2 of the CRN if provided.
8	16 17	-Recipient State/Province -Recipient Postal Code	"State/Province, Postal:"	State – 2 Postal - 10	Following the label text, print the following fields separated by a comma: Recipient State or Province, Recipient Postal Code. If non-postal aware country, leave the postal code empty & drop the comma following the State/Province.
9	18	Recipient Phone Number	"Phone #:"	15	Following the label text, print the Recipient Phone Number

Line #	CTS Tag#	CTS Data Element Name	Text/Label	Max Field length	Value, Format, Description
9	118	Recipient IRS/EIN/VAT/ EORI Number	"Tax ID:"	18	Following the label text, print the Recipient IRS/EIN/VAT/EORI Number

11.11.2 CRN commodity grouping

To group and consolidate the commodity data for each individual CRN, the following criteria is required:

- Commodity Purpose
- Harmonized Code
- Part Number
- Country of Manufacture
- Description
- Unit of Measure
- Unit Value

Only one line item per CRN tracking number is printed on the report if all of the above data is the same for multiple commodities.

The following details will print the CRN Commodity detail section for each unique commodity and each CRN tracking number.

- A continuous separator bar should be printed below the column headings.
- The column headings only need to print once for each CRN, even if the commodities span several pages.
- A blank line will separate each of the commodities within the CRN.
- When printing numeric values with decimal places, print all the digits after the decimal point.

  Note: The line numbers shown in the table below indicate how the fields should be listed in order from left to right.

Table 129: CRN commodity grouping - field listing

CTS Tag#	CTS Data Element Name	Text/Label	Max Field length	Value, Format, Description
1st Line				
7245	Commodity Purpose	"COMMODITY PURPOSE"	20	Below the label Text, if provided, print the purpose for the commodity. If the tag value of "None" is passed in via the 020, do not print "None" on report.
81	Harmonized Tariff Schedule	"HS CODE"	12	Below the label text, if provided, print the harmonized code for the commodity. Format: 1234.56.7890

CTS Tag#	CTS Data Element Name	Text/Label	Max Field length	Value, Format, Description
1st Line				
	(HTS) Code			If not provided, leave blank, do not print zeroes.
1275	Commodity Line Item Part Number	"PART #"	20	Below the label text, if provided, print the Part Number for the commodity.
80	Country of Manufacture	"CofM"	2	Below the label text, if provided, print the country code for the Country of Manufacture for the commodity.
77	Commodity Line Item Weight	"Weight"	11	Below the label text, if provided, print the sum of the weights provided for the commodity, including a decimal point. Format: 99999999.99 If not provided, leave blank, do not print zeros.
82	Commodity Quantity	"Qty"	11	Below the label text, if provided, print the sum of the quantities provided for the commodity. If not provided, leave blank, do not print zeros. *Note: this tag only accepts whole numbers and is not changing as a result of this feature.*
414	Unit of Measure	"UofM"	3	Below the label text, if provided, print the 3 character value for the Unit of Measure for the commodity.
1030	Commodity Line Item Unit Value	"Unit Value"	16	Below the label text, if provided, print the Commodity Line Item Unit Value. Format: 999999999.999999 If not provided, leave blank, do not print zeros.
119	Total Commodity Customs Value	"Total Value"	15	Below the label text, if provided, print the sum of the total values provided for the commodity. Format: 999999999999.99 If not provided, leave blank, do not print zeroes.
2nd Line				
79	Description of Contents	"DESC:"	This will be	Following the label text, if provided, print as many characters as possible on a

CTS Tag#	CTS Data Element Name	Text/Label	Max Field length	Value, Format, Description
1st Line				
			based on font.	single line. Truncation is permitted.

11.11.3 CRN totals

The details in Table 216 CRN Totals Summary will print after the last commodity in the CRN. Skip one line and then print the CRN Totals Summary.

Table 130: CRN totals summary

CTS Tag#	CTS Data Element Name	Text/Label/ Location	Max Field length	Value, Format, Description
N/A	N/A	"CRN Total Customs Value:"	18	Following the label text, and if ALL commodity entries for the CRN have a non-zero Total Customs Value, then print the sum of the Total Value for each commodity line item above. If one or more of the commodity entries for the CRN has a zero value in the "Total Value" field, do NOT print this field. Leave this field blank, do not print zeroes. Format: 999999999999999.99
68	Customs Currency Type	<Currency Type>	3	Following the Total Value if printed, print the Customs Currency Type.

CRN Report Design Considerations and Orientation

It is recommended that the IPD/IED/IDF Customs Detail Report be printed using landscape orientation.

11.11.4 Setting the number of CRN per page

You can print either 4 or 50 Customer Reference Numbers (CRNs) per page. The default setting is four (4) CRNs per page.

095/195 Reprint Request/Reply

If you want to change the setting from 4 to 50 or 50 to 4 when you are reprinting using the 095/195 Reprint transaction, you must start and stop the print service to pick up the new value selected prior to initiating the reprint of a given CRN report.

The 50-per-page FedEx International Priority DirectDistribution, FedEx International Economy DirectDistribution and FedEx International Priority DirectDistribution Freight CRN report can be set to print in landscape format.

Note: FedEx Ship Manager® Server shippers can also change their CRN Report settings from 4 to 50 or back from 50 to 4 using the Report Viewer Utility. 070/170 Meter Query/Configuration

070/170 Meter Query/Configuration Update Request/Reply

If you use the 070/170 Meter Query/Configuration Update transaction to generate a CRN report, then you must pass Field 2713 (Number of CRNs) in the transaction. Table 217 describes Field 2713.

Table 131: Field 2713 number of CRNs on report page

| Field ID | Field length | Data Type | Input\Output | FedEx shipping | | Description Transactions: 070/170 Meter Configuration Update transaction |
				Carrier Code (Services)	Valid for	
Number of CRNs					Transactions: 070 Meter Configuration Request	

2713	Max = 2	N	I	FDXE	All	Optional
						
						 • Specifies the number of Customer Reference Numbers (CRN) to print per page on the CRN Report.
						
						 • Valid values are:
						     o 4 or 50.
						     o Default: 4
						
						 • CRN Reports use a Customer Reference Number (CRN) to reference data for each package in a shipment. The report is available for the following contracted services:
						
						 • International Priority DirectDistribution (IPD)
						
						 • International Economy DirectDistribution (IED)
						
						 • International Economy DirectDistribution Freight (IDF)
						
						 Note: Shipper must start and stop the print service prior to initiating a reprint of the CRN report.

To set the number of CRN per page

3. Open the FSMS Configuration Utility.

4. Click the **Reports Setting** tab.

5. In the left pane, expand **IPD Distribution (IPD/IED)**.

6. Expand **IDF.**

7. Click **CRN**.

8. In the right pane, in **# of CRNs per page**, use the drop-down list to select the number of CRN you wish to print per report page.

9. Click **Apply** or Apply & Exit.

Note: If you change the CRN Report settings, be sure to start and stop the print service to reset the setting prior to initiating the reprint of the CRN Report.

11.11.5 CRN-Level country weight restriction check

This topic relates to restriction checking for FedEx International Priority DirectDistribution and FedEx International Priority DirectDistribution Freight for the country weight per customer reference number (CRN).

For FedEx International Priority DirectDistribution /FedEx International Priority DirectDistribution Freight shipments, FSMS performs a country weight check against International Priority Freight maximum weight allowed for Field 1670-# (Fractional Package Weight) when passed in a 020 Global Ship Request transaction. If the weight entered exceeds the IPF country weight limit for the country in the country.dat file, a soft error is returned. If International Priority Freight is not allowed to this country, then the International Priority country weight limit is checked.

FedEx International Priority DirectDistribution allows up to 2200 lbs. to be shipped to most countries. For some countries, the maximum IP weight might be as low as 1 lb. / 0.1 kg, or as high as 150 lbs. / 68 kg. Most FedEx International Priority DirectDistribution countries accept up to 150 lbs. / 68 kg per piece for both FedEx International Priority DirectDistribution.

However, some countries have a maximum weight lower than the 150 lbs. / 68 kg. For example, Malta's IP maximum weight is 70 lbs. / 32 kg per piece, and it does not accept International Priority Freight or FedEx International Priority DirectDistribution Freight.

11.11.6 IPD/IDF customs packing list-Tax ID/Vat# header

FedEx Ship Manager® Server prints a Tax ID/VAT# header on the IPD/IDF Customs Packing List for customers using FedEx International Priority DirectDistribution SPOC (single point of clearance). For compliance with EU tax rules, customers who use FedEx International Priority DirectDistribution SPOC and need to provide the recipient's tax ID may do so by using the IPD Customs Packing List.

To print this information on the Customs Packing List, the shipper must pass Field 118 (Recipient IRS/EIN/VAT/EORI Number) in the 020 Global Ship Request/Reply transaction during the ADD Piece function for FedEx International Priority DirectDistribution, FedEx International Priority DirectDistribution Freight, or FedEx International Priority DirectDistribution /FedEx International Priority DirectDistribution Freight SPOC (single point of clearance). The Recipient IRS/EIN/VAT/EORI Number identifies the Value Added Tax (VAT) number entered by the shipper.

If this data is not passed in the 020 Global Ship Request transaction ADD Piece, then the field header prints but there will be no data to the right of the header.

11.11.7 IPD/IDF/IED Requests for consolidated commodity information for EEI filing

Overview

FSMS now allows visibility into how FSMS consolidates IPD/IED/IDF shipments so that appropriate customs documentation is provided. This information can be requested prior to confirmation of a shipment using the 020 Global Ship Request transaction with Field 2427 (Consolidated Commodity

File) and Field 2428 (File Format).

To make filing clearance documentation easier for IPD/IED/IDF shipments, you may request commodity information in an output file for each shipment. This information will help you identify which shipments require Automated Export System (AES) filing. To request a consolidated customs information file:

- In the Open Ship transaction, include Field 2427 (Consolidated Commodity File), set to Y.

- To specify a file format, include Field 2428 (Consolidated Commodity File Type). Available file types are: C (.csv), T (.txt), and D (.doc) currently the only available option is .csv. If this field is not included in the transaction, FSMS will default to C.

- To specify an output source, include Field 568 (Report Directory) with the corresponding file path. If this field is not included in the Open Ship transaction, FSMS will assign a default output file for you.

The output file will be formatted as follows:

- Description

- Marks and Numbers

- Quantity

- Unit Value

- Part Number

- Unit of Measure

- Country of Manufacture

- Total Commodity Customs Value

Details

IPD/IED/IDF File Consolidation

In order to provide customers the needed visibility into how FSMS consolidates IPD/IED/IDF Shipments to file with AES, they can use the Consolidated Commodity Report to determine if Export documentation (such as EEI) is needed.

The following four fields will be available to support the IPD/IED/IDF File Consolidation feature (See FedEx Ship Manager® Server Transaction Coding Reference Guide for information on fields 2427, 2428, 568):

- Consolidated Commodity File Tag 2427

- File Format Tag 2428 (this field will default if not passed in)

- Existing Open Ship Field 541

- Existing Report Printer Director Field 568 (this field will default if not passed in)

Sample Transaction

0,"20"1,"IPD Pre-Confirm

Report"50,"AU"117,"US"541,"NNNNNNNNN"568,"C:\FedEx\FedEx_Reports"1274,"18"1355,"IPD-SYDI"1358,"NO EEI 30.37(a)"2427,"Y"2428,"C"99,""
0,"120"1,"IPD Pre-Confirm

Report"10,"XXXXXXXXX"498,"XXXXXX"568,
"C:\FedEx\FedEx_Reports\126778944541788222.CSV"1123,"944541788222"1355,"IPD-SYDI"99,""

Sample Output

8542138072,Semiconductors,SAMPLES,139600,2034100,SG420302001,EA,US,28396036

8542138072,Semiconductors,3996,1709100,SG420310001,EA,US,682956

11.11.8 FedEx Surround® MI and HCID label sample

Figure 32: MI and HCID label sample

11.12 IPD/IED/IDF transaction samples

In all three of the following examples, a fictional company called MEMIA, Inc. is the recipient of a FedEx International Priority DirectDistribution shipment from a shipper in Canada. Each example shows a different method for shipping FedEx International Priority DirectDistribution commodities.

Each transaction shares common fields for recipient information, and all three packages in the shipment are identical in size and weight. The fields that describe commodity data are different for each example and reflect the type of method used for shipping commodities. All examples are 020/120 Global Ship Request/Reply transactions that contain valid fields for a FedEx International Priority DirectDistribution/FedEx International Priority DirectDistribution Freight MPS Open Ship "Add Package" transaction.

Example 1: Single Commodity in Transaction Applied to All Tracking Numbers/Pieces

The following is an example of a single commodity within a three (3) package FedEx International Priority DirectDistribution/ FedEx International Priority DirectDistribution Freight shipment. The shipping method is FedEx International Priority DirectDistribution / FedEx International Priority DirectDistribution Freight MPS Single Shot Open Ship "Add Package" for the 020 Global Ship Request transaction.

0,"020"1,"Step 00043-02"11,"MEMIA INC"12,"SONIA"13,"2903 Sparknel Ave"14,"4th floor International Hub"15,"Memphis"16,"CA"17,"90034"18,"3924020540"1670-1,"250"1670-2,"250"1670-3,"250"25,"IPD CA TO US Single Shot MPS"50,"US"57-1,"11"58-1,"12"59-1,"35"57-2,"11"58-2,"12"59-2,"35"57-3, "11"58-3,"12"59-3,"35"72,"1"74,"US"75,"KGS"77,"750"79,"BOOKS - Single Commodity for all 3 tracking #"81,"1000.01.0001"82,"1"116,"3"117,"SG"120,"TEST M&# 1 CRN-1"187,"199" 414,"EA"418,"CI TEST COMMENT 1 CRN-1"498,"XXXXXX"541,"NNNYNNNNN"542,"SS50"1030,"500000"1090,"USD" 1139, "8885551111"1273,"01"1274,"18"1349,"S"1355,"IPD-MEMI555"4574,"1"99,""

> *Note: Because there is only one commodity, there is no multiple occurrence of commodity data fields.*

Example 2: Multiple Commodities in Transaction Applied to All Pieces

The following is an example of multiple commodities. The five same commodities - books, pens, pencils, papers and rulers - apply to all three packages in the shipment.

0,"020"1,"STEP 00043-02"11,"MEMIA INC"12,"SONIA"13,"2903 SPARKNEL AVE"14,"4TH FLOOR INTERNATIONAL HUB"15,"MEMPHIS"16,"CA"17,"90034"18,"3924020540"1670-1,"750"1670-2,"750"1670-3, "750"25,"IPD CA TO US"50,"US"57-1,"11"58-1,"12"59-1,"35"57-2,"11"58-2,"12"59-2,"35"57-3,"11"58-3, "12"59-3,"35"72,"1"74,"US"75,"KGS"77,"150"77-2,"150"77-3,"150"77-4,"150"77-5,"150"79,"BOOKS"79-2, "PENS"79-3,"PENCILS"79-4,"PAPER"79-5,"RULERS"80,"CA"80-2,"SG"80-3,"US"80-4,"MX"80-5,"US"81, "1000.01.0001"81-2,"1000.01.0002"81-3,"1000.01.0003"81-4,"1000.01.0004"81-5,"1000.01.0005"82,"1"82-2, "1"82-3,"1"82-4,"1"82-5,"2"116,"3"117,"SG"120,"TEST M&# 1"120-2,"TEST M&# 2"120-3,"TEST M&# 3"120-4,"TEST M&# 4"120-5,"TEST M&# 5"187,"199"414,"EA"414-2,"EA"414-3,"EA"414-4,"EA"414-5,"EA"418,"CI TEST COMMENT 1"418-2,"CI TEST COMMENT 2"418-3,"CI TEST COMMENT 3"418-4,"CI TEST COMMENT 4"418-5,"CI TEST COMMENT 5"498,"XXXXXX"541,"NNNYNNNNN"542,"SS50"1030, "500000"1030-2,"5000000"1030-3,"5000000"1030-4,"5000000"1030-5,"5000000"1090,"USD"1139, "8885551111"1273,"01"1274,"18"1349,"S"1355,"IPD-MEMI555"4574,"1"99,""

Example 3: Single Different Commodity on Each Piece in Transaction

The following is an example of an 020 Global Ship Request transaction where there is a single different commodity on each piece within the transaction: that is, 3 pieces with 3 different commodities per piece. The first piece contains Books, the second piece contains Pens, and the third piece contains Pencils.

0,"020"1,"STEP 00043-02"11,"MEMIA INC"12,"SONIA"13,"2903 SPARKNEL AVE"14,"4TH FLOOR INTERNATIONAL HUB"15,"MEMPHIS"16,"CA"17,"90034"18,"3924020540"1670-1,"750"1670-2,"750"1670-3, "750"25,"IPD CA TO US"50,"US"57-1,"11"58-1,"12"59-1,"35"57-2,"11"58-2,"12"59-2,"35"57-3,"11"58-3, "12"59-3,"35"72,"1"74,"US"75,"KGS"77-1-1,"750"77-2-1,"750"77-3-1,"750"79-1-1,"BOOKS"79-2-1,"PENS"79-3-1,"PENCILS"80-1-1,"CA"80-2-1,"SG"80-3-1,"US"81-1-1,"1000.01.0001"81-2-1,"1000.01.0002"81-3-1, "1000.01.0003"82-1-1,"1"82-2-1,"1"82-3-1,"1"116,"3"117,"SG"120-1-1,"TEST M&# 1"120-2-1,"TEST M&# 2"120-3-2,"TEST M&# 3"187,"199"414-1-1,"EA"414-2-1,"EA"414-3-1,"EA"418-1-1,"CI TEST COMMENT 1"418-2-1,"CI TEST COMMENT 2"418-3-1,"CI TEST COMMENT 3"498,"XXXXXX"541,"NNNYNNNNN"542, "SS50"1030-1-1,"500000"1030-2-1,"5000000"1030-3-1,"5000000"1090,"USD"1139,"8885551111"1273, "01"1274,"18"1349,"S"1355,"IPD-MEMI555"4574,"2"99,""

Example 4: Multiple Commodities Applied Across Pieces

The following is an example of an 020 Global Ship Request transaction where multiple commodities exist within the transaction that will be applied across pieces: i.e., three pieces with five commodities distributed as follows - the first piece has two commodities (Books & Pens), the second piece has two commodities (Pencils & Paper), and the third piece has one commodity (Rulers).

0,"020"1,"STEP 00043-02"11,"MEMIA INC"12,"SONIA"13,"2903 SPARKNEL AVE"14,"4TH FLOOR INTERNATIONAL HUB"15,"MEMPHIS"16,"CA"17,"90034"18,"3924020540"1670-1,"250"1670-2,"250"1670-3, "150"25,"IPD CA TO US"50,"US"57-1,"11"58-1,"12"59-1,"35"57-2,"11"58-2,"12"59-2,"35"57-3,"11"58-3, "12"59-3,"35"72,"1"74,"US"75,"KGS"77-1-1,"150"77-1-2,"150"77-2-1,"150"77-2-2,"150"77-3-1,"150"79-1-1, "BOOKS"79-1-2,"PENS"79-2-1,"PENCILS"79-2-2,"PAPER"79-3-1,"RULERS"80-1-1,"CA"80-1-2,"SG"80-2-1, "US"80-2-2,"MX"80-3-1,"US"81-1-1,"1000.01.0001"81-1-2,"1000.01.0002"81-2-1,"1000.01.0003"81-2-2, "1000.01.0004"81-3-1,"1000.01.0005"82-1-1,"1"82-1-2,"1"82-2-1,"1"82-2-2,"1"82-3-1,"2"116,"3"117,"SG"120-1-1,"TEST M&# 1"120-1-2,"TEST M&# 2"120-2-1,"TEST M&# 3"120-2-2,"TEST M&# 4"120-3-1,"TEST M&# 5"187,"199"414-1-1,"EA"414-1-2,"EA"414-2-1,"EA"414-2-2,"EA"414-3-1,"EA"418-1-1,"CI TEST COMMENT 1"418-1-2,"CI TEST COMMENT 2"418-2-1,"CI TEST COMMENT 3"418-2-2,"CI TEST COMMENT 4"418-3-1, "CI TEST COMMENT 5"498,"XXXXXX"541,"NNNYNNNNN"542,"SS50"1030-1-1,"500000"1030-1-2, "5000000"1030-2-1,"5000000"1030-2-2,"5000000"1030-3-1,"5000000"1090,"USD"1139,"8885551111"1273, "01"1274,"18"1349,"S"1355,"IPD-MEMI555"4574,"1"99,""

12 FedEx Global Return solutions

FedEx Global Returns supports returns back to the origin, returns to a new location or an intra-county return, where available. For FedEx Express International® and FedEx International Ground®, print and email return shipments use the 020 Global Ship Request transaction.

You can also associate a FedEx Express International® or a FedEx International Ground® outbound shipment to a return shipment on different platforms and on different meters. Separate transactions will process return shipments and outbound shipments.

Before you can create a Global return shipment, you must acknowledge receipt of the Terms and Conditions, which will enable the Global Returns Allowed checkbox on the Meter settings tab. If you do not first acknowledge the Terms and Conditions, you will be prevented from creating return shipments.

Related Topics: Affected Transactions

12.1 E-mail Returns

- FSMS will now allow anywhere-to-anywhere email return shipping, where the return service is supported, irrespective of the origin of the meter.

- FSMS now supports global return email labels for countries where an automated label is accepted irrespective of the origin of the meter.

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

- The origin/destination pairs supported for Email Return Label are the same as those supported for Print Return Label.

- The U.S. Domestic Email Return shipments are excluded from supporting the 'Edit' functionality for the Return shipper.

- The payment types and validation logic for non-U.S. Domestic and International Email Return Label Request will be the same as Print Return Labels.

- The packaging types and validation logic for the non-U.S. Domestic and International Email Return Label request will be the same as supported for Print Return Labels.

- The service types and validation logic for the non-U.S. 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).

- If the Merchant Shipper submits a 020 transaction OR a 037 transaction for Domestic, International or non-U.S. 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 (Tag 5605) and the designated Uploaded Document Expiration date (Tag 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.

- When processing an Email Return shipment, the same logic, edits and error messages will be used for the following tags:
  - 5542 - Customs Processing Type

- o 543 - Customs Processing Reason Description
- Current data elements used for email return labels and some additional elements used for print return labels are used for expansion of email return label for international and non-U.S. Domestic Returns. The current tag descriptions and functions apply to email return labels.

- When Merchant Shipper submits a 049 transaction for Domestic, International or non-U.S. Domestic Email Return Label with more than 5 occurrences of Merchant Documents, the additional information provided will be ignored.

  Note:

- *The following elements will be applicable for Email Return Labels: '2700 - Return Shipper Instructions', '546 - Return Instructions Language Code' and '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.*

12.1.1 Edit functionality for return shipping

FSMS now supports label edit features. The merchant shipper can provide permission for the return shipper to edit the return label (basic shipment data, commodity information, customs documentation, etc.) once they access the link in the email notification. This will allow the returning party to create accurate labels and documentation for exactly what they are returning.

The Return shipper can use the "edit" capabilities to modify shipment information utilizing tag #5593 'Return Shipper Allow Modifications'. Refer to **www.fedex.com/globalreturns** for a complete list of configurable return email label information.

> *Note: The U.S. Domestic Email Return shipments are excluded from supporting the 'Edit' functionality for the Return shipper.*

12.1.2 Service types for Email Returns

The following service types are supported for Email Return Label shipments.

International Services:

- FedEx International First®
- FedEx International Priority®
- FedEx International Priority® Express
- FedEx International Economy®
- FedEx International Connect Plus (FICP)
- International Priority® Freight
- FedEx International Economy® Freight
- FedEx Europe First®
- FedEx International Ground®

U.S. and Non-U.S. Domestic Services:

- FedEx First Overnight®
- FedEx Priority Overnight®

- FedEx Standard Overnight®

- FedEx Express Saver®/ FedEx Economy

- FedEx 2Day® AM

- FedEx 2Day®

- FedEx 1Day® Freight

- FedEx 2Day® Freight

- FedEx 3Day® Freight

- FedEx Ground®

- FedEx Home Delivery®

- FedEx Ground® Economy®

12.2 Returns Clearance

The Returns Clearance selection provides an option for FedEx to perform a reconciliation of previously exported commodities when the goods are re-imported to the origin country.

Returns Clearance is available for the following origins and destinations:

- Canada

- China

- France

- Germany

- United Kingdom

- United States

12.3 Return shipment fields

Use the fields in this table to code a "return shipment" in a 020 Global Ship Request transaction.

Table 132: Return shipment fields

| Field ID | Field length | Data type | Input/Output | FedEx shipping | | Return Shipment Fields Description |
				Carrier Code (Services)	Valid for	
Sender Company						
4	Max=35	A	I	FDXE FDXG	All	Field level: Shipment Required* **Description** Company name of the Shipper/Sender. - For General Agency Agreement (GAA) Form if import shipment. Enter legal company

| Field ID | Field length | Data type | Input/Output | FedEx shipping | | Return Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						name of the importer. When available, enter both company name and/or individual name.
						• For returns if Field 32 is not used.
						• To override default settings.
						• For shipping, use Single Shot, Single Piece and Open Ship.
Sender Address Line 1						
5	Max=100	A/N	I	FDXE FDXG	All	Field level: Shipment Required* *Required to override default settings. **Description** • Primary address line of Shipper/Sender address from which the shipment originates. • For shipping, use Single Shot, Single Piece and Open Ship.
Sender Address Line 2						
6	Max=100	A/N	I	FDXE FDXG	All	Field level: Shipment Optional *Required to override default settings **Description** • Second address line of Shipper/Sender address. This is the address from which the shipment originates. • For shipping, use Single Shot, Single Piece and Open Ship.
Sender Address Line 3						
2420	Max = 100	A/N	I	FDXE FDXG	All	**Field level:** Shipment Optional **Description** This enables the customer to include an additional address information line.
Sender City						
7	Max=35	A	I	FDXE FDXG	All	Field level: Shipment Required* *Required to override default settings. **Description**

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Return Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						• City name for the Shipper/Sender address. This is the city where the shipment originates.
						• For shipping, use Single Shot, Single Piece and
Sender State/Province						
8	Max=2	A	I	FDXE FDXG	All	Field level: Shipment Required* *Required to override default settings. **Description** • State or province code of the Shipper/Sender address. • For shipping, use Single Shot, Single Piece and Open Ship.
Sender Postal Code						
9	Max=10	A	I	FDXE FDXG	All	**Field level:** Shipment Required* *Required to override default settings. **Description** • Postal code for the city and state or province code of the Shipper/Sender address. • For shipping, use Single Shot, Single Piece and Open Ship.
Sender FedEx Express Account Number						
10	Max=9	N	I	FDXE	All	**Field level:** Shipment **Required** *Required for Returns. **Description** • Sender FedEx Express Account Number field is the account number assigned by FedEx that uniquely identifies the shipper. • For shipping, use Single Shot, Single Piece, Openship, or MPS. *Note: If used, the shipper Account Number must match the Meter Account Number in the transaction.* • If the numbers do not match, the transaction processes as non-rated and FedEx sends an

| Field ID | Field length | Data type | Input/Output | FedEx shipping | | Return Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						invoice to the shipper.
Sender Contact Name						
32	Max=30	A	I	FDXE FDXG	All	**Field level:** Shipment **Required*** *Required to override default settings. *Required for returns if Field 4 is not used. **Description** • Contact name at the Shipper Company. • For shipping, use Single Shot, Single Piece and Open Ship, or MPS.
Duty/Tax Payment Type						
70	Max=1	N	I	FDXE FDXG	INTL	**Field level:** Shipment Optional **Description** Indicates payment type for duties and taxes. Valid values are: o 1 — Bill Sender (default for returns) o 3 — Bill Third Party
Sender Country Code						
117	Max=2	A	I	FDXE FDXG	All	**Field level:** Shipment **Required*** *Required to override default settings and for Global returns shipments. **Description** • Code for the country where shipment originates. • For shipping, use Single Shot, Single Piece and Open Ship.
Sender Phone Number						
183	Max=15	N	I	FDXE	All	**Field level:** Shipment Required* *Required to override default setting. **Description** • Phone number of the shipper or sender. • For shipping, use Single Shot, Single Piece

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Return Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						and Open Ship.
Begin Date						
1582	Min=8 Max=8	N	I	FDXE FDXG	U.S.	**Field level:** Shipment Optional **Description** The beginning date of the report to be printed. Valid format is CCYYMMDD.
End Date						
1583	Min=8 Max=8	N	I	FDXE FDXG	U.S.	**Field level:** Shipment Optional **Description** The end date of the report to be printed. Valid format is CCYYMMDD.
RMA Number						
2210	Max=20	A	I	FDXE FDXG	All	Optional **Description** - Specify the Return Materials Authorization (RMA) number. - If used, the RMA number is printed on the label and uploaded to FedEx systems. It is then available for tracking and will be included on the customer invoice. - This field applies to international and non-U.S. intra-country shipments.
Return Shipment Indicator						
2382	Max=1	N	I	FDXE FDXG	All	**Required*** **Description** - Indicate if shipment is a Return shipment. *Required to print or email a Return label. - Valid value: 2 - The sender (returning party) address information is required. Use Fields 4 or 32, 5, 6, 7, 8, 9, 117, and 183. - The return address printed on the label will default to the origin address in the configuration unless overridden. To override the configuration address use Fields: 11 or

| Field ID | Field length | Data type | Input/Output | FedEx shipping | | Return Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						12, 13, 14, 15, 16, 17, 18, and 50.
						• No Ancillary/Special Service are available for Return packages.
						• Returns packages may be Oversized I, II, or III.
						• Returns packages will not be rated.
						• This field applies to international and non-U.S. intra-country shipments.
Return Shipper Instructions						
2700	Max=1	A	I	FDXE FDXG	U.S. INTL	**Field level:** Shipment **Optional** **Description** • Determines if the Return Instructions will print. • Only applies if Field 2382 (Return Shipment Indicator) is set to 2 — Print and Email Return Label. • Valid values are: o Y — Create Return Instructions for this shipment. o N — Do not create Return Instructions for this shipment. (Default) • This functionality is applicable to both Print Returns and Email Returns.
Print Return Message						
2702	Max=200	AKE	I	FDXE FDXG	U.S. INTL	**Field level:** Shipment **Optional** **Description** • Customer-specified return instructions. • Will be added to the Return Shipper Instructions provided by FedEx. • Only applies if Field 2700 (Return Shipper Instructions) is set to Y — Create Print Return Instructions for this shipment and Field 2382 (Return Shipment Indicator) is set to 2 — Print Return Label.
Customs Processing Type						

Field ID	Field length	Data type	Input/Output	FedEx shipping		Return Shipment Fields Description
				Carrier Code (Services)	Valid for	
5542	Max=2	N	I	FDXE FDXG	INTL	Field level: Shipment Required* **Description** • Reason provided to Customs for recovery of Duties and Taxes. • The description listed with each value will print on the Commercial Invoice. This is used in clearance processing of both the outbound and return international commodity shipments. • *Required for processing international (cross-border) commodity return shipments. • Valid values are:

Value	Description	Outbound	Returns
1	COURTESY_RETURN_LABEL	Yes	No
2	EXHIBITION_TRADE_SHOW	Yes	Yes
3	FAULTY_ITEM	Yes	Yes
4	FOLLOWING_REPAIR	No	No
5	FOR_REPAIR	Yes	Yes
6	ITEM_FOR_LOAN	Yes	Yes
7	OTHER	Yes	Yes
8	REJECTED	No	Yes
9	TRIAL	Yes	Yes

Customs Processing Reason Description

Field ID	Field length	Data type	Input/Output	Carrier Code (Services)	Valid for	Description
5543	Min=1 Max=25	AKE	I	FDXE FDXG	INTL	Field level: Shipment Required* **Description** • Additional clarification when Field 5542 (Customs Processing Type) is 7 — Other. • This field will be used, if applicable, in clearance processing of the shipment. • *Required if Customs Processing Type is set

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Return Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						to 7 — Other for an International Commodity shipment.
Associated Outbound Shipment Tracking Number						
5544 -#	Max=20	N	I	FDXE FDXG	U.S. INTL	Field level: Shipment **Optional** **Description** • The tracking number of the outbound shipment with which the return shipment is to be associated. • Applies only to Print Return Label shipments. • Association of a return shipment must be either: • The master of an outbound (non-returns), non-distribution shipment. • A single-piece outbound (non-returns) shipment.
Associated Outbound Shipment Ship Date						
5545	Min=8 Max=8	N	I	FDXE FDXG	U.S. INTL	Field level: Shipment Required* **Description** • Ship Date of the shipment with tracking number provided in Field 5544. • *Required if Field 5544 is specified. • Used in creating the association by tracking number of the return shipment to the outbound shipment. • Must be a valid date. Format: CCYYMMDD (For example, July 1, 2012 is coded as 20120701).
Return Instructions Language Code						
5546	Max=2	A	I	FDXE FDXG	U.S. INTL IN-CTR	Field level: Shipment **Optional** **Description** • Language in which the Return Instructions will be printed. • Only applies if Field 2700 (Return Shipper Instructions) is set to Y — Create Print Return

| Field ID | Field length | Data type | Input/Output | FedEx shipping | | Return Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						Instructions for this shipment *and* Field 2382 (Return Shipment Indicator) is set to 2 — Print Return Label. *Note: If you provide the Print Return Message, it will not be translated.* • Valid values are: o ar = Arabic o cs = Czech o da = Danish o de = German o en = English (default) o es = Latin American Spanish o fi = Finnish o fr = French o fr = French Canadian o hu = Hungarian o it = Italian o ja = Japanese o ko = Korean o nl = Dutch o no = Norwegian o pl = Polish o pt = Portuguese (Brazilian) o ru = Russian o sv = Swedish o th = Thai o tr = Turkish o zh = Simplified Chinese o zh = Traditional Chinese • Default Value: en = English • This functionality is applicable to both Print Returns and Email Returns.
Return Instructions Format Indicator						

| Field ID | Field length | Data type | Input/Output | FedEx shipping | | Return Shipment Fields Description |
				Carrier Code (Services)	Valid for	

5547	Max=3	A	I	FDXE FDXG	U.S. INTL	**Field level:** Shipment
						Optional
						Description
						
						• Enter the value that corresponds to the print return instructions format to print or buffer to save. Each Return Instructions format / printer type combination has a specific code.
						
						• Only applies if Field 2700 (Return Shipper Instructions) is set to Y — Create Print Return Instructions for this shipment, and Field 2382 (Return Shipment Indicator) is set to 2 — Print Return Label and the shipment is FedEx Express or FedEx Ground.
						    o DIB — Laser
						    o PDF — PDF: Default
						    o PNG — PNG

Return Instructions Language Locale Code						

5548	Max=2	A	I	FDXE FDXG	U.S. INTL	Field level: Shipment
						Required*
						Description
						
						• Indicates locale associated with language code in Field 5546 (Return Instructions Language Code).
						
						• Only applies if Field 2700 (Return Shipper Instructions) is set to Y — Create Print Return Instructions for this shipment, and Field 2382 (Return Shipment Indicator) is set to 2 — Print Return Label and Field 5546 (Return Instructions Language Code) is specified.
						
						• *Required when using Field 5546 and the language code requires a locale code.
						
						• Valid values are:
						    o ca — French (Canada)
						    o cn — Chinese (Simplified)
						    o tw — Chinese (Taiwan)
						    o es = Castilian Spanish (Spain)
						    o cs =Czech

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Return Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						o da = Danish
						o nl = Dutch
						o en = English (default)
						o fr = French
						o fr = French Canadian
						o de = German
						o it = Italian
						o ja = Japanese
						o ko = Korean
						o pl = Polish
						o pt = Portuguese (Brazilian)
						o es = Latin American Spanish
						o zh = Simplified Chinese
						o sv = Swedish
						o th = Thai
						o zh = Traditional Chinese
						• Default: None, unless Field 5546 is set to zh, then the default is CN. Invalid values do not default.
						• This functionality is applicable to both Print Returns and Email Returns.
Return Instructions Printer ID						
5549	Max=255	AKE	I	FDXE FDXG	U.S. INTL	Field level: Shipment **Optional** **Description** • Printer share name for Return Instructions. • Only applies if Field 2700 (Return Shipper Instructions) is set to Y — Create Print Return Instructions for this shipment, and Field 2382 (Return Shipment Indicator) is set to 2 — Print Return Label and the shipment is FedEx Express or FedEx Ground.
Return Instructions Directory Path						
5550	Max=255	A/N	I	FDXE FDXG	U.S. INTL	Field level: Shipment **Description**

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Return Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						• Directory path to the printer output source for Return Instructions.
						• Only applies if Field 2700 (Return Shipper Instructions) is set to Y — Create Print Return Instructions for this shipment, and Field 2382 (Return Shipment Indicator) is set to 2 — Print Return Label and the shipment is FedEx Express or FedEx Ground.
Merchant Notification E-Mail Language Locale Code						

5581 -#	Min=2 Max=2	A	I	FDXEFDXG	INTL	Field level: Package
						Optional
						Description
						• Merchant shipper selects language locale code of the email notification being sent to up to 6 personnel within merchant company/organization when an email return request has been created. Multiple Occurrence - Maximum 6 occurrences.
						• Valid Values:
						   o Castilian Spanish (Spain) = ES
						   o French Canadian = CA
						   o Simplified Chinese = CN
						   o Traditional Chinese = TW
						Note: Locale Code HK for Chinese (Hong Kong) was not requested to be supported for Global Returns D.

Fractional Package Weight						
1670 -#	Max=82	N	I	FDXE FDXG FDXT	All	Field level: Shipment for international and intra-Canada shipments Field level: Package for U.S. individual packages Required* • *Required for U.S. shipping (including FedEx Ground hazardous materials shipments) to specify individual package weights. • *Required if Field 1493 is Y. • *Required to receive rate quotes. Only one occurrence of Field ID 1670 may be included in the *025 Rate Available Services Request* transaction.

| Field ID | Field length | Data type | Input/Output | FedEx shipping | | Return Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						*Required to be in LBS only when shipping FedEx Ground® Economy. **Description** - Weight of package or shipment. - This weight field supports two implied decimals for ALL shipments and does not require any distinction between FedEx Express, FedEx Ground or FedEx International shipping. - FSMS performs the weight summation and package count. This method is optional for all FedEx International shipping including U.S. Export. - For all FedEx International and intra-Canada Shipping: - For the FDXE and FXGE services, you may enter the total shipment weight rather than the individual package weights. If you enter the total shipment weight, you must also use Field 116 (Package Total) to indicate the total number of packages in the shipment. - Maximum weights allowed are: - FedEx Express (non-Freight) — 150 lbs. The correct format is 15000 since there are two implied decimals. - FedEx Ground — 150 lbs. - FedEx Home Delivery — 150 lbs. The correct format is 15000 since there are two implied decimals. - FedEx Ground® Economy — 70 lbs. *Note: If Field 1670 is not passed in the transaction, all the rating fields in the reply are null (""), zero (0), or not present. For FDXG service, enter 1670-1, 1670-2, 1670-3, then FSMS counts the packages and states 3 for the Package Total.* - For shipping, use Single Shot, Single Piece, Open Ship, or MPS. - When Merchant Shipper submits a 020 transaction OR a 037 transaction for Multiple Email Return Labels for Domestic, International or Non-U.S. Domestic and

| Field ID | Field length | Data type | Input/Output | FedEx shipping | | Return Shipment Fields Description |
				Carrier Code (Services)	Valid for	
						wishes to provide any of the following: • Declared Value/Carriage Value (AKA: Insured Value, Tag 69) o Dimensions (Tags 57 - Height; 58 - Width; & 59 - Length) o Weight (Tag 1670) o This information must be entered at the package level. If any shipment level information is provided it will be ignored and not uploaded.
Unit of Measure						
414	Max=3	A	I	FDXE FDXG	All	Field level: Shipment Required* **Description** • Units of measure used to measure the commodity, such as IN, CM, FT, M, L and so forth. • *Required if using FedEx commercial invoice (CI) and/or filing an Electronic Export Information (EEI) document. • This is a required field for International Email Return Labels.

Note: New fields 5592, 5654, 5563, 5569, 5575, 5581, 5591, 5594, 5599, 5593, 5605, 5606, 5587, 5588, 5589, and 5590 have been added to support global returns. See FedEx Ship Manager® Server Transaction Coding Reference Guide (Appendix A and B) for details.

12.4 Affected transactions

The following shipping methods are supported by the enhancements to FedEx Global

Return Solutions.

• Shipping Requests

• Rate and Route Requests

• Pre-Ship Validation

• Single Shot (single piece)

• Open Ship (Print-As-You-Go create and regular confirm)

In the following transaction scenarios, the same requirements that apply to outbound shipments also apply to global return shipments, unless otherwise noted.

12.4.1 020/120 Global Ship Request/Reply

Associate Shipments

You can associate print and email returns shipments with an outbound shipment, if the following conditions are met:

- Field ID 2382 (Return Shipment Indicator) is set to 2 — Print and Email Return Label.

- Field ID 5544 (Associated Outbound Shipment Tracking Number) is populated with a valid number

- Field ID 5545 (Associated Outbound Shipment Ship Date) is populated in the valid format: CCYYMMDD, such as 20120701 = July 1, 2012.

To create a FedEx Express International or FedEx Ground International Commodity Print and Email Return Label shipment in an 020 Global Ship Request:

- Provide a return type reason for Customs that is used for recovery of Duties and Taxes in Field ID 5542 (Customs Processing Type). The description listed with each value will print on the Commercial Invoice. This is used in clearance processing of both the outbound and return international commodity shipments. If this field is set to 7 — Other, then provide additional clarification in Field ID 5543 (Customs Processing Reason Description).

  Note: If the text in Field ID 5543 (Customs Processing Reason Description) contains characters that cannot be printed on the label or the Commercial Invoice, they will map to standard acceptable characters, as is done for other free-form text fields. Field ID 5542 and Field ID 5532, if applicable, are also supported as optional fields for International Commodity non-returns shipments. The shipping label will contain a visual indication of an associated return if any Customs Processing Type other than Courtesy Return Label is specified. This will also print on a requested commercial invoice or Pro-forma invoice.

- Provide a valid Return Materials Authorization (RMA) number in Field ID 2210 (RMA Number).

- Include your own personalized (200-character max) return instructions that will be added to the Print and email Return Shipper Instructions provided by FedEx. Set Field ID 2700 (Return Shipper Instructions) to Y and specify Field ID 2702 (Return Message).

- Specify the language, format, and printer in which the Return Instructions will be printed in Field ID 5546 (Return Instructions Language Code), Field ID (Return Instructions Format Indicator) and Field ID 5549 (Return Instructions Printer ID).

Outbound Shipments

The following fields are supported in the 020 Global Ship transaction for international outbound commodity and document shipments.

- Field ID 5542 - Customs Processing Type (only supported for commodity shipments)

- Field ID 2210 - RMA Number

The RMA and Customs Processing Type are not supported for distributed shipments (IPD, IED, IDF, IGD, IGC (IGC - International Ground Consolidation is managed enabled service. Please contact your Account Executive for details), TD) if the package is the child of a multiple-piece shipment or if Field ID 2382 (Return Shipment Indicator) is not populated with 2 — Print Return and Email Label.

If an international outbound commodity shipment includes Field ID 5542 (Customs Processing Type) set at either value 3 — Faulty Item or 8 — Rejected Merchandise, Error Message 2759 "The Customs Processing Type is invalid for this shipment" is returned.

The shipping label will contain a visual indication of an associated return if any Customs Processing Type other than Courtesy Return label is specified. If a Commercial Invoice or Pro forma Invoice is

requested for the shipment, the text from the Customs Processing Type (Field ID 5542) will print on the Commercial Invoice (CI) and on the Pro forma Invoice below the dashed line after the last commodity. However, this text will not print if Field ID 5542

(Customs Processing Type) has been set to value 1 — Courtesy Return Label.

If Field ID 2382 (Return Shipment Indicator) is not set to 2 — Print Return and Email Label, then any value set in Field ID 2700 (Return Shipper Instructions) will be ignored. The Customized Return Reason will print if "Temporary Export Other."

Print and Email Return Label

When creating Print and Email Return Label shipment in a 020 Global Ship Request, the contact and address in the meter configuration will not be used. Instead, the sender information from the request will be used. Recipient information is not required when processing a print and email return transaction. Refer to Chapter 9: FedEx International Shipping in the FedEx Ship Manager® Server® Developer Guide for more information. No packaging sequence, such as x of y, where y is greater than one, will be included with print and email return labels.

Print Return Shipper Instructions

In a 020 Global Ship Request, pass in the following fields to print the return instructions.

- Set Field ID 2382 (Return Shipment Indicator) to 2 — Print Return Label.
- Set Field ID 2700 (Return Shipper Instructions) to Y.
- Set Field ID 5547 (Return Instructions Format Indicator) to either DIB, PDF(Default) or PNG
- Set Field ID 5549 (Return Instructions Printer ID) to a printer share name for the return instructions.
- Set Field ID 5550 (Return Instructions Directory Path) to a directory path to the printer output source for the return instructions.

12.4.2 050/150 Service Types and Special services Request/Reply

"FedEx Returns" will be returned as an available special service in the 150 Service Types and Special Services Reply if the following fields are included in the request.

- Field ID 1274 (Service Type) is set to a supported FedEx Express International or FedEx Ground International Service in an 050 Service Types and Special services Request.
- Field ID 1989 (Transaction Function) is set to 02 — Special Service/Accessorial Type.

12.4.3 057/157 Demand Download Request/Reply

Set Field ID 1053 (Download Flag) to flag position 13 — FedEx Express DAT files table, in an 057 Demand Download Request to download the Currency Conversion Rates file.

To request a new 058 component, set Field ID 1053 (Download Flag) to position 27 and set flag to Y for 057 transaction.

To request a new 058 component, set Field ID 1053 (Download Flag) to position 28 and set flag to Y for the 057 transaction.

12.4.4 070/170 Meter Query or Configuration Request/Reply

The following transactions are affected by international return shipments.

The Customs Processing Type (649) doc-tab data element is supported when Field ID 1619 (Doc-tab Type) is set to either EXP — FedEx Express or GND — FedEx Ground in an 070 Meter Query or Configuration Request, which identifies the type of doc-tab to include on the label.

12.4.5 095/195 Label Reprint Request/Reply

Set Field ID 1373-# (Report Code) in a 095 Label Reprint Request to

- 70—FedEx Express Global Returns to print Returns report for FedEx Express Global returns shipments.

- 71—FedEx Ground Global Returns to print Return report for FedEx Ground Global return shipments.

The Report Viewer Utility is another option for reviewing and printing reports. See "FedEx Ship Manager® Server Utilities" in the FedEx Ship Manager® Server, Developer Guide for more information.

You can also reprint shipping labels and clearance documents for returns shipments.

12.5 Currency conversion

Currency conversion functionality ensures:

- Your data is processed using actual currency rates

- You do not pay for a service not offered by FedEx (e.g., insuring shipments valued above the maximum allowed declared value)

- Actual invoice values are not vastly different from the courtesy rate quote provided, and

- Surcharge is not assessed on the wrong currency

FSMS performs a currency conversion:

- Before determining whether the maximum allowed value has been exceeded when the currency provided by you does not match the maximum declared value (carriage value)

- Before calculating the declared value surcharge, when the currency provided by you does not match the billing currency.

This is applicable for FedEx Express and FedEx Ground for the following shipping services:

- International services

- Intra Country services

- International and Intra Country Return Scenarios (only for the declared value edit)

- Transborder Distribution Services

However, this is not applicable in case of CA to U.S. shipments.

12.5.1 Rating

FSMS populates the actual currency used to rate the shipment. Rate quote is provided regardless of the currency sent in with the transaction, as long as the currency code provided in the transaction can

actually be converted to the currency of the rate tables.

A currency exchange rate table is available in the offline shipping clients. However, the Currency Conversion file is not updated daily, and there may be a variance between the rate that was quoted and the one that will be invoiced. If you receive the error message (2238) 'FedEx Ship Manager is unable to rate your Shipment at this time Declared value currency does not match the rating currency', you should consult a FedEx representative who can identify the problems with the rate tables.

When you attempt to get a rate for an International Ground Shipment via the 020 Global Shipping transaction or the 025 Rate Available Services, and if the currency in the transaction differs from the currency in the shipment origin or destination (see Table 219), then FSMS first converts the declared value before passing the request to a rate quote.

Table 133: Rating Canada to U.S. shipments

Type of Shipment	Currency – Origin	Currency Destination
International Ground – U.S. Origin	USD	CAD
International Ground – CA Origin	CAD	USD

For example, if the rate request is for an International Ground shipment from Canada to the U.S. and the currency is 100 EUR, then the currency is converted from EUR to CAD for the Declared value fields(field #) and from EUR to USD for the Alternated Declared Value fields(field #).

12.6 Return rules

The following requirements apply to print return shipments in an 020 Global Ship Request. You must provide all the information for each return shipment separately, even if the outbound shipment is a multiple-piece shipment. This information includes commodity data, commercial invoice data, and any other information required to process an international shipment.

12.6.1 Associated outbound shipment

You can associate more than one returns shipment to a single outbound shipment. The maximum number of return shipments that may be associated with an outbound shipment is 9998. However, multiple outbound shipments cannot be associated with a single returns shipment.

You cannot associate two outbound shipments; one of the shipments must include Field ID 2382 (Return Shipment Indicator) set to 2 — Print Return Label. If Field 2382 is not set to 2, or if Field ID 5544 (Associated Outbound Shipment Tracking Number) or Field ID 5545 (Associated Outbound Shipment Ship Date) are included in the request, Error Message 5062 "Associating an outbound shipment to a previous shipment is invalid" is returned.

> Note: If an outbound shipment is deleted, it is your responsibility to request that the associated return shipments be deleted.

12.6.2 Associated outbound shipment ship date

If you process a 020 Global Ship Request for a print and email return label with an associated outbound shipment and include Field ID 5545 (Associated Outbound Shipment Ship Date) blank or set to an invalid format, then Error Message 2768, "The ship date provided for the associated outbound

shipment is invalid" is returned.

12.6.3 Bill recipients pay type

If an international or non-U.S. intra-country print or email return shipment request includes Field ID 1274 (Service Type) set to a FedEx Express service and Field 23 (Pay Type) set to 2 — Bill Recipient or Consignee, or if Field ID 1274 is set to 92 — Ground and Field 23 is set to 5 — Bill Recipient, then Error Message 2764, "This Pay Type is invalid for this type of shipment" is returned.

12.6.4 Booking Number

Field ID 1272 (Booking Number) is optional and not required in an international or non-U.S. intra-country FedEx Express Freight returns shipment.

12.6.5 Canadian returns

The Canada Export Declaration Filing is required for print return shipments from Canada, the same as it is for outbound shipments.

- For print return shipment from Canada, where Field ID 2382 (Return Shipment Indicator) is set to 2—Print or Email Return Label, the Currency Conversion Rate file will convert the Total Commodity Customs Value (Field 119) and the Customs Currency Type (Field ID 68) to CAD if they have been provided in different currencies.

   Note: Applies to both outbound and return shipments.

- If the origin meter is other than Canada and Field ID 68 (Customs Currency Type) is not set to CAD and not populated with a value supported by the Currency Conversion file, then Error Message 2769, "The customs value must be provided in Canadian dollars" is returned.

- If you are processing a Canadian return shipment where the value would normally require a Canada Export Declaration Filing, but the origin meter is not Canada, thus not requiring a Canada Export Declaration Filing , and you have included Field ID 1651 (Canada Export Declaration Filing Option) set to one of the following valid values:
   - 2–Printed and Attached
   - 3–Filing electronically
   - 4–Summary Reporting
   - Then Error Message 2770, "This Canada Export Declaration Filing Option is invalid" is
   - returned.

12.6.6 Collect pay type

If a global return shipment request includes Field ID 1274 (Service Type) set to 92 — Ground and Field 23 (Pay Type) set to 2 — Collect, then Error Message 2764, "This Pay Type is invalid for this type of shipment" is returned.

12.6.7 Customs Processing type

The Customs Processing Type (Field ID 5542) is only required for international commodity return shipments.

Field ID 5542 (Customs Processing Type) will be ignored on distributed shipments, intra-country shipments, document shipments and shipments where the package is the child of a multiple-piece shipment.

> *Note: Field ID 190 (Document Flag) only applies to FedEx Express shipments. International Ground shipments are treated as Commodity shipments, whether they contain commodities or not.*

Not all valid values for Field ID 5542 (Customs Processing Type) are supported with international print return shipments. If an international commodity print return shipment includes Field ID 5542 set to 1 — Courtesy Return Label, 4 — Following Repair/Processing or 10 — Replacement, then Error Message 2766, " Invalid Customs Processing Type for this type of shipment" is returned.

If an international commodity print or email return shipment request does not include Field ID 5542 (Customs Processing Type) or it is blank, then Error Message 2765, "Customs Processing Type is required for this shipment" is returned.

12.6.8 Customs Processing Reason Description

Field ID 5543 (Customs Processing Reason Description) is required for both the associated outbound and return international commodity shipments if Field ID 5542 (Customs Processing Type) is set to valid value 7equest — Other.

If Field ID 5543 is not present in the r for the international commodity returns shipment, then Error Message 2767, "Customs Processing Reason Description is required for this type of shipment" is returned.

If Field ID 5543 is not present in the request for the international commodity outbound shipment, then Error Message 2760, "Customs Processing Reason Description must be provided for the outbound shipment" is returned.

> *Note: The outbound shipment cannot be a distributed shipment (IPD, IED, IDF, IGD, IGC (IGC - International Ground Consolidation is managed enabled service. Please contact your Account Executive for details), TD) nor can it be the child of an MPS.*

Field ID 5543 (Customs Processing Reason Description) cannot exceed 25 characters. If it does, then Error Message 5063, "The Customs Processing Reason Description cannot exceed 25 characters" is returned. The shipment will process with the reason description shortened to the first 25 characters.

12.6.9 Destination control statement

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations

12.6.10 Distributed service (IPD, IED, IDF, IGD, IGC, TD)

If a print or email return shipment request includes Field ID 1274 set to either 17, 18, 82, 84 or 121, or is an IGC (IGC - International Ground Consolidation is managed enabled service. Please contact your Account Executive for details) distributed service, which is established by the meter configuration, then Error Message 2762, "This Service type is invalid for this type of shipment" is returned.

12.6.11 Duty/Tax payment type

If a print or email return shipment request includes Field ID 1274 (Service Type) set to a FedEx Express service or Field ID 1274 set to 92 — Ground and Field ID 70 (Duty/Tax Payment Type) is set to 2 — Bill Recipient, then Error Message 2764, "This Pay Type is invalid for this type of shipment" is returned.

Note: Field 70 will default to 1 — Bill Sender for this shipment.

12.6.12 Electronic signature

FSMS will not print the shipper's electronic signature on the Commercial Invoice or the Pro forma Invoice for a Global returns shipment if the signature is not provided by the shipper.

12.6.13 Electronic Trade Document (ETD)

ETD documents are not supported. If a global returns shipment request includes Field ID 2805 (ETD Indicator) is set to **Y**, then Error Message 2773, "ETD is invalid for this type of Shipment" is returned.

12.6.14 Print return instructions

For a global returns shipment, if Field ID 2382 is set to 2 — Print and Email Return Label, and Field ID 2700 is not set to Y, then FSMS will also ignore any value set in Field 2700.

12.6.15 Multiple-Piece shipments

If a print or email return shipment is a multiple-piece shipment (MPS) and the package being edited is the master of the MPS, then Error Message 2763, "Multiple Piece Shipping is not valid for this type of shipment due to service and/or package type" is returned.

12.6.16 Recipient data

The following Recipient fields are not required for the returns shipment:

- Recipient Contact Name
- Recipient Company Name
- Recipient Address Line 1
- Recipient Address Line 2
- Recipient Address Line 3
- Recipient City
- Recipient State/Province
- Recipient Postal Code
- Recipient Country
- Recipient Phone Number

12.6.17 Return Instructions format

If a global print and email return shipment request including Field ID 2700 (Return Shipper Instructions) is set to **Y**, but does not include Field ID 5547 (Return Instructions Format Indicator) or

includes it set to an invalid value, then Field ID 5547 will default to PDF.

12.6.18 Return shipment indicator

In an 020 Global Ship Request for a global print or email request return shipment, if Field ID 2382 (Return Shipment Indicator) is set to a value other than 2 — Print or 3 -- Email Return Label, then Error Message

2761, "The Return Label type is invalid for this shipment" is returned.

12.6.19 Sender Data

The following Sender fields are required in an international or non-U.S. intra-country print return shipment.

- Field ID 32 (Sender Contact Name)
- Field ID 4 (Sender Company)
- If not specified, then Error Message 2500, "Shipper Name or company name required" is returned.
- Field ID 5 (Sender Address Line 1)
- If not specified, then Error Message 2501, "Shipper Address required" is returned.
- Field ID 7 (Sender City)
- If not specified, then Error Message 2502, "Shipper City required" is returned.
- Field ID 8 (Sender State/Province)
- If not specified, then Error Message 2503, "Shipper State/Province required" is returned.
- Field ID 9 (Sender Postal Code)
- If not specified, then Error Message 2504, "Shipper Postal Code required" is returned.

  Note: FSMS does not validate the Sender Postal Code against the Sender State/Province.
- Field ID 183 (Sender Phone Number)
- If not specified, then Error Message 2505, "Shipper Phone Number required" is returned.
- Field ID 117 (Sender Country Code)
- If not specified, then Error Message 2541, "Returns Not Available To or From Location" is returned.

12.6.20 Saturday delivery

You can select this special service option when Field ID 2382 (Return Shipment Indicator) is set to 2 — Print Return Label, regardless of the ship date.

12.6.21 U.S. returns

For a global print return shipment from the U.S. with an origin meter not in the U.S., where Field ID 2382 (Return Shipment Indicator) is set to 2 — Print Return Label, Field ID 68 (Customs Currency Type) may be populated with a valid currency type other than "USD."

If the Customs Currency Type (Field ID 68) is not "USD" but is populated with a value supported by the

Currency Conversion file and Field ID 119 (Total Commodity Customs Value) requires the filing of an Electronic Export Information (EEI), then the Customs Currency Type will be converted to USD.

12.6.22 Dry Ice for International and Non-U.S. Domestic shipments

As International and Non-U.S. multiple piece shipment must be identical, the Dry Ice weight field must be the same for all Multiple Email Return Requests. (In the case of a U.S. Domestic shipment the Dry Ice Weight can vary in each instance requested).

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

12.7 Return restrictions and best practices

Automatic Export System (AES) Downtime is unsupported for U.S. Global return shipments. If you process an 020 Global Ship Request for a United States export return shipment, and Field ID 2382 (Return Shipment Indicator) is set to 2 — Print Return Label and Field ID 1358 (FTN, XTN, or ITN Entry) is set to Position 1–7 — AESDOWN is static, then Error Message 2772, "AES DOWN is not supported for International Returns" is returned.

12.8 Print and Email Return label

The following content will print on the International Document Print and Email Return Label, International Commodity Print and email Return Label and the Intra-Country Print and Email Return Label:

- Return Materials Authorization (RMA) number specified in Field ID 2210 (RMA Number)
- Human-readable verbiage for a return shipment (printed in the 1D section of the label)
- A properly populated 1D barcode
- A Return Shipment Indicator Graphic

On International Commodity Print and Email Return Labels the following will be also print:

- The Customs Processing Type specified in Field ID 5542
- The Customs Processing Reason Description specified in Field ID 5543, if Field ID 5542 (Customs Processing Type) has been set to value 7 — Other.

For Global return shipments, "SIGN" will automatically print on the label, but the shipper's electronic signature will not be printed.

12.9 Returns report

The Global Returns Report is available for both FedEx Express international and FedEx Ground Global returns shipments. The following information is printed for each return that is shipped:

- Return Type (Print or Email Return Label, etc.)
- Recipient Information, including Recipient Country Code and Recipient Company

- Sender Information, including Sender Contact Name, Sender Company, Sender Address Line, Sender City, Sender State/Province, Sender Country Code

- Service Type

- Tracking Number

To print the report, set Field ID 1373, (Report Code) to value 60 for a FedEx Express Global Returns report or to 71 for a FedEx Ground Global Returns report in an 095 Label Reprint Request or print the Global Returns report on demand using the Report Viewer Utility. Double-click the Global Returns report option in the Report Viewer Utility to select the date range for the report to printed.

Print the report in the following formats:

- Word document (.doc)

- Rich Text File (.rtf)

- Text only (.txt)

- Portable Document Format (.pdf)

Sort report results by sender country or recipient company.

Returns shipments are not included in the following End of Day reports created for the courier.

- Intra-country or International Express Courier Report

  o Intra-Brazil, intra-Canada, intra-Columbia, intra-Mexico, intra-United Arab Emirates (U.A.E.) and intra-Switzerland

  o International and Canada international

- Ground Pick Up Manifest Report

Use the data provided in the 120 Global Ship Reply to create consolidated returns shipment reports.

See "Configuring Report Settings" in the FedEx Ship Manager® Server, Installation and Configuration Guide for information on configuring reports.

12.9.1 Domestic returns report

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

- 077 - FedEx Domestic Returns (Express U.S. Domestic & Non-U.S. Domestic)

- 078 - FedEx Ground Domestic Returns

12.10 Shipping documents

12.10.1 Return instructions

Customized printed return instructions are available as an option in an 020 Global Ship Request for FedEx Express Global and FedEx Ground Global returns shipments. You can:

- Either print or save the return instructions to a file.

- Select the language for the return instructions (English is the default language).

If no custom text is desired in the instructions, access the file in the desired language from the location to which it was saved and print.

This table describes the behavior when printing the return instructions to a file or printer.

Table 134: Print return shipper instructions

Field 5547 (Return Instructions Format)	Field 5549 (Return Instructions Printer ID)	Field 5550 (Return Instructions Directory Path)	Output
PNG or PDF	Provided	Provided	DIB will be printed to printer path. PNG or PDF will be stored to directory path.
	Not Provided	Provided	PNG will be stored to directory path.
	Provided	Not Provided	DIB will be printed to printer path. PNG/PDF will be stored in default directory path.
PNG, PDF, or DIB	Not Provided	Not Provided	PNG, PDF, or DIB will be stored to default directory path.
DIB		Provided	
DIB	Provided	Provided	DIB will be printed to printer path.
		Not Provided	

12.10.2 International clearance documents

When creating an international shipment, you can create clearance documentation for the associated international print or email return shipment. Clearance documents include:

* U.S. Export: Electronic Export Information (EEI)

* Canadian Export: Canada Export Declaration Filing

* International: Commercial Invoice (CI) and Pro forma Invoice

The text from Field ID 5542 (Customs Processing Type) will print on the Commercial Invoice and Pro forma Invoice, unless the valid value is set at 1 — Courtesy Return Label. This is required in clearance processing of both the outbound and return Global commodity shipments.

The text from Field ID 5543 (Customs Processing Reason Description) will also print on the Commercial Invoice and Pro forma Invoice, if Field ID 5542 (Customs Processing Type) is set to 7 — Other.

When creating an Intra-European Union Global Returns commodity shipment, the default behavior is that the goods are in free circulation. If you specify that the goods are not in free circulation within the European Union, the text

* These goods are not in free circulation." will print on the Commercial Invoice.

* Goods are not in free circulation - PROVIDE C.I." will print on the shipping label.

* These goods are not in free circulation." will print on the Pro forma Invoice.

13 Label and form transactions

Every package tendered to FedEx® consists of an attached label. Labels move with the shipped unit and must be human and machine-readable. For the Labels to be in human and machine-readable, FedEx provides standard labels and requires a strict adherence to label specifications for all custom-designed labels. Many of the FedEx shipping operations use automated devices and require that labels are correct and adhere to all the FedEx label requirements. This ensures efficient handling and routing of your shipments and prevents delays.

This chapter provides a basic introduction to FedEx labels as they relate to FedEx Ship Manager® Server (FSMS).

> *Note: The Greece shipment labels are displays the EETT statement 'GENERAL LICENSE OF POST SERVICES, E.E.T.T., AM: 99-110'.*

13.1 FedEx Express shipper's declaration for Dangerous Goods form

FedEx Ship Manager® Server provides the ability to print the Shipper's Declaration for Dangerous Goods form. You can print the Shipper's Declaration for Dangerous Goods form as a multiply form (FedEx 1421C form) or on plain paper with red hatchings (FedEx LZR DG DEC FORM). The multiply form is printed on a pin-feed printer. The plain paper form can be printed on 8-1/2" x 11" or A4 paper. Form 1421C is typically requested when the customer is using DG Full Validation Mode. If the customer is using FedEx DG Ready shipping (DG Data Upload Mode), then it is implied that they are creating the Shipper's Declaration of Dangerous Goods using the 3rd party FedEx DG ready solution.

The FedEx Express® Shipper's Declaration for Dangerous Goods Form (FedEx 1421C or FedEx LZR DG DEC FORM) is required for all dangerous goods shipping, both intra-U.S. and international. If you choose to use the Open Ship shipping method and print the Shipper's Declaration for Dangerous Goods Form (FedEx 1421C or FedEx LZR DG DEC FORM), only the dangerous goods information that is associated with the CREATE function is printed. The Shipper's Declaration for Dangerous Goods Form is printed at the shipment level and generated when the shipment is confirmed and/or processed by FSMS. FedEx Ship Manager® Server gives you the ability to print multiple pages.

Only one Shipper's Declaration for Dangerous Goods Form is allowed per shipment. The information on the form is taken from the first dangerous goods package within the shipment. The data entered on the form includes:

- Shipper
- Consignee
- Air Waybill Number
- Number of Pages in Form
- Shipper's Reference Number
- Transport Details (section)
    - o Airport of Departure
    - o Airport of Destination
    - o For aircraft type — Enter "Passenger and Cargo Aircraft Only" or "Cargo Aircraft Only"
- Shipment Type (section)

- Additional Handling Information

- Nature and Quantity of Dangerous Goods (section)

- Emergency Response Telephone Number

- Name and Title of Signatory

- Signature

- Place and Date

To configure the Shipper's Declaration for Dangerous Goods Form (FedEx 1421C or FedEx LZR DG DEC FORM), use the **Report Settings** window from the FSMS Configuration Utility. Refer to FedEx Shipper's Declaration for Dangerous Goods Form (FedEx 1421C Form).

Refer FedEx Ship Manager® Server Installation and Configuration Guide for instructions. Also, Configuring Printers for Labels, Forms and Reports in this guide.

Figure 33: FedEx shipper's declaration for Dangerous Goods form (FedEx 1421C Form)

Note: The back of the FedEx 1421C form contains guidelines for completing the form.

The following figure is a sample of the FedEx LZR DG DEC FORM. Shipping information is printed by the laser printer on this blank form.

Figure 34: FedEx shipper's declaration for Dangerous Goods form (FedEx LZR DG DEC FORM)
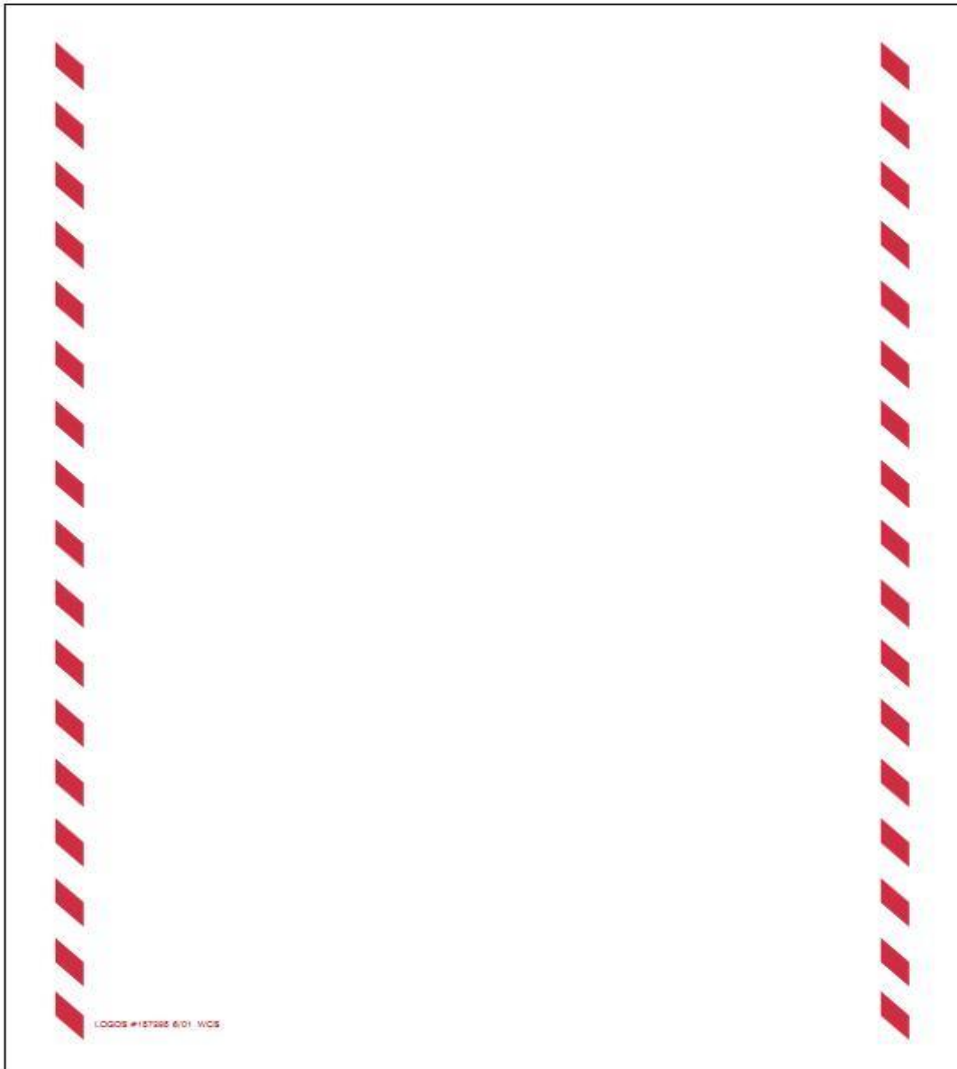
13.1.1 About EPRRQ labels

EPRRQ labels are required for dangerous goods Excepted Package Radioactive (EPRRQ) shipments. No Dangerous Goods Human Readable Indicators (IDG or ADG) are printed in the 1D section of the label for EPRRQ shipments that are not considered as dangerous goods shipment.

Excepted package radio actives must have a reportable quantity (RQ) and require a modified version of the Shipper's Declaration in order to ship. EPRRQ commodities are only permitted if "inaccessible dangerous goods" are permitted and if IATA Validation occurs.

Ship the EPRRQ commodities using the following FedEx Express services:

- FedEx International DirectDistribution Surface Solutions (CA and MX)

- International Priority DirectDistribution

- International Priority DirectDistribution Freight

For shipments "All Packed in One," calculation and printing of Field 1331 "Q" value (Q—Excepted Package Radioactive Reportable Quantity [EPRRQ]) is excluded from the Shipper's Declaration for Dangerous Goods Form (FedEx 1421C or FedEx LZR DG DEC FORM) if:

- One of the commodities is Dry Ice (UN 1845)

- Columns H, J, and L indicate "No limit"

- Only one commodity qualifies for calculation

Shipper's Declaration for Dangerous Goods Form for EPRRQ

FedEx Ship Manager® Server prints the FedEx Shipper's Declaration for Dangerous Goods Form (FedEx 1421C or FedEx LZR DG DEC FORM) for EPRRQ shipments.

To print the Shipper's Declaration for Dangerous Goods Form (FedEx 1421C or FedEx LZR DG DEC FORM):

- Set up the 1421C form in the Report Settings tab of the FSMS Configuration Utility.

- Pass Field 1493 (DG/HazMat Form Print Flag) set to Y in the 020 Global Ship Request transaction.

- Use the Shipper's Declaration for Dangerous Goods Form (FedEx Form 1421C or FedEx LZR DG DEC FORM) for EPRRQ with the two standard form types: form feed (FedEx 1421C) and laser (FedEx LZR DG DEC FORM).

13.2 About FedEx labels

FedEx Ship Manager® Server supports the configuration and printing of labels for shipping packages as part of a shipment.

FedEx allows you to use two types of labels:

- FedEx standard label — service-specific labels provided by FedEx

- Custom labels— customer-designed labels must be approved by FedEx prior to use

13.2.1 FedEx Standard labels

FedEx labels are designed to contain detailed specifications and cannot be altered. Standard labels are readable by FedEx automation devices and ensure the efficient processing of your shipments to their final destination.

If you need to print business or shipping-related information on a label, FedEx allows you to customize certain sections of a standard label. You can customize reference information on a standard label. You can also set up the doc-tab area of a label to print information specific to your shipping needs.

New Hazardous Material Certification Report

FedEx Ship Manager® Server (FSMS) supports the initial report defaults for all elements of the Hazardous Material report. Table 231 provides more details of all the field added in the report for Dangerous Goods in FedEx Ground Service.

Table 135: FSMS Server label types

Field Type	Description
Logo	FSMS supports the FedEx Ground Logo within the Header. The Ground logo is supported in black and white.
Hazardous Material Certification	FSMS supports the Title of "Hazardous Material Certification".
Ship Date	FSMS supports the printed words "Date followed by the ship date from the first shipment (first row) printed on the report. Date formats are configurable, but the default format is mm/dd/yyyy. For example, 01/01/2016.
Placement	FedEx Ship Manager® Server (FSMS/FXRS) supports sender data printing in the center/middle of the beginning of the report section.
Contact Name	FSMS supports printing the first line of the sender data as the shipper contact name of the first shipment on the report.
Company Name	FSMS supports printing the second line of the sender data as the shipper company name of the first shipment on the report.
Address Line 1	FSMS supports printing the third line of the sender data as the shipper address line 1 of the first shipment on the report.
Address Line 2	FSMS supports printing the fourth line of the sender data as the shipper address line 2 of the first shipment on the report.
City, State, ZIP	FSMS supports the printing of the fifth line of the sender data as the shipper city "," the shipper state code " " the shipper postal code of the first shipment on the report.
Account Number	FSMS supports the printing of the sixth line of the sender data as "Account Number" followed by the 9-digit FedEx shipper account number.
Optional	FSMS supports the optional data mentioned in the requirements above which is not provided and results in a blank line. FedEx Ship Manager® Server (FSMS/FXRS) supports the remaining data items being moved up one line. There should be no blank lines in the Sender data section.
Report Column Headings	FSMS supports the report column headings printing in bold font. FSMS avoids hyphenation in ALL report column headings and breaking a single word of the header verbiage into across lines of the header.
Number and Type of Packaging	FSMS supports the printing in the first column heading the words "Number and Type of Packaging" Column Header and Column data should wrap not truncate.
Page Body > UN/ID #	• FSMS supports the printing in the second column heading the words as "UN/ID #" • Column Header and Column data should wrap and not truncate but

Field Type	Description
	the column width should be designed so wrapping is not needed.
	• Minimum width is the width that what would allow the following string to print without wrapping, "UN1090", 2 characters followed by 4 digits excluding the characters.
Proper Shipping Name	• FSMS supports the printing the third heading column the words "Proper Shipping Name".
	• Column Header and Column data should wrap and not truncate.
Haz Class or Division #	• FSMS supports the printing in the fourth column heading the words "Haz Class or Division #"
	• Column Header and Column data should wrap and not truncate. However, column width should be designed so wrapping is not needed.
	• Column width should be set to print the primary class and all sub classes.
Page Body > PG	• FSMS supports the printing in the fifth column heading the words "PG" Column Header and Column data should wrap not truncate. However, column width should be designed so wrapping is not needed.
	• Minimum width is the width that what would allow the following string to print without wrapping, "III", 3 characters excluding the " characters.
Page Body > Quantity	• FSMS supports the printing in the sixth column heading the word "Quantity".
	• Column Header and Column data should wrap and not truncate.
	• Minimum width is the width that would allow the following string to print without wrapping, "22.22 lbs." excluding the " characters.
Type DOT Label(s), Special Permit, or Required Information	• FSMS supports the printing in the seventh column heading the words "Type DOT Label(s), Special Permit, or Required Information".
	• Column Header and Column data should wrap and not truncate.
Recipient Name and Address	• FSMS supports the printing in the eighth column heading the words "Recipient Name and Address".
	• Column Header and Column data should wrap and not truncate.
Tracking#, Offeror Name, Emergency Contact Number	• FSMS supports the printing in the ninth column heading the words "Tracking#, Offeror Company Name, Emergency Contact Number"
	• Column Header and Column data should wrap and not truncate.
Page Footer > Disclaimer	FSMS supports the printing of the following left-aligned verbiage on every page of the new Uploaded Data Ground Hazard Materials Certification Report excluding the " characters; "Printed data valid for FedEx reports

Field Type	Description
	only."

Page Footer > Page Number	The generated Uploaded Data Ground Hazardous Materials Certification Report should print the page count in below format:
	
	• page "X" of "Y" where
	
	    o X=Current page number
	
	    o Y=Total number of pages in the report
	
	Example: on the first page 1 of 2 and on page two 2 of 2.

End of Report > Signature	• FSMS supports the printing of the following verbiage right-aligned in capital letters before footer section on last page of the new Uploaded Data Ground Hazardous Materials Certification Report the word "SIGNATURE" followed by a line "_____", excluding the "characters. • FedEx Ship Manager® Server (FSMS/FXRS) shall support the "SIGNATURE" printing on the last page of the report and there is no page breaking allowed for this "SIGNATURE". • DG Administration Business Owner has requested a minimum line length of 2 inches per Issue Tracker. • The generated Uploaded Data Ground Hazardous Materials Certification Report should have the verbiage "SIGNATURE" followed by a line (___) printed right-aligned, just before the footer section of last page.
Ground Branch Existing Report	• FSMS updates the existing branch name of the Ground Hazardous Materials Certification Report adding the word "Legacy" in front of the report name. • The new name will be as follows for the branch: Legacy Ground Hazardous Materials Certification Report
Report Viewer Existing Report	• FSMS updates the existing branch name of the Ground Hazardous Materials Certification Report adding the word "Legacy" in front of the report name. • The new name will be as follows for the branch: Legacy Ground Hazardous Materials Certification Report

13.3 Label types and formats

FedEx Ship Manager® Server supports the label types listed in Table 232.

Table 136: FSM Server label types

Label Type	Description
Thermal	Print shipping labels for all shipping types (FedEx Express® , FedEx Ground®,

Label Type	Description
	and international) using a variety of thermal label printers. The following thermal label sizes are supported by FSMS: • 4" x 6" • 4" x 6.75" • 4" x 8" • 4" x 9" Thermal labels are available with document tabs (doc-tabs) that can be configured with shipment details.
Laser	FSMS generates a laser printable label. Labels printed with a laser printer are generated by FSMS in PDF format and do not need to be scaled or resized. Laser labels are available for both FedEx Express and FedEx Ground shipping and may be written to a label buffer.
Custom	Customize the shipping label with your own graphic or create a custom label by using the FSMS Custom Label Generator Utility. Thermal Customizable Labels. A custom label must meet FedEx label specifications.
Multi-Ply Air Waybills	Print pre-printed multiply labels for FedEx Express International shipping. This feature is supported by FSMS since some countries do not allow a thermal or laser air waybill package to be processed through their customs clearance.

13.3.1 Thermal labels

FedEx Ship Manager® Server provides a graphic file of the FedEx Express and FedEx Ground thermal shipping label that you can position on your shipping documentation instead of creating a custom label.

For example, if you generate a packing list, you can use the top portion of the form for packing information and position both a 4" x 6" shipping label and a 4" x 6" return label on the bottom portion of the form by requesting a thermal label graphic.

The thermal label graphic can be generated for the 4" x 6", 4" x 6.75", 4" x 8", and 4" x 9" thermal label formats and can be received as either a PNG (Portal Network Graphics) or a PDF (Portable Document Format) file type.

Figure 35: Thermal shipping label image
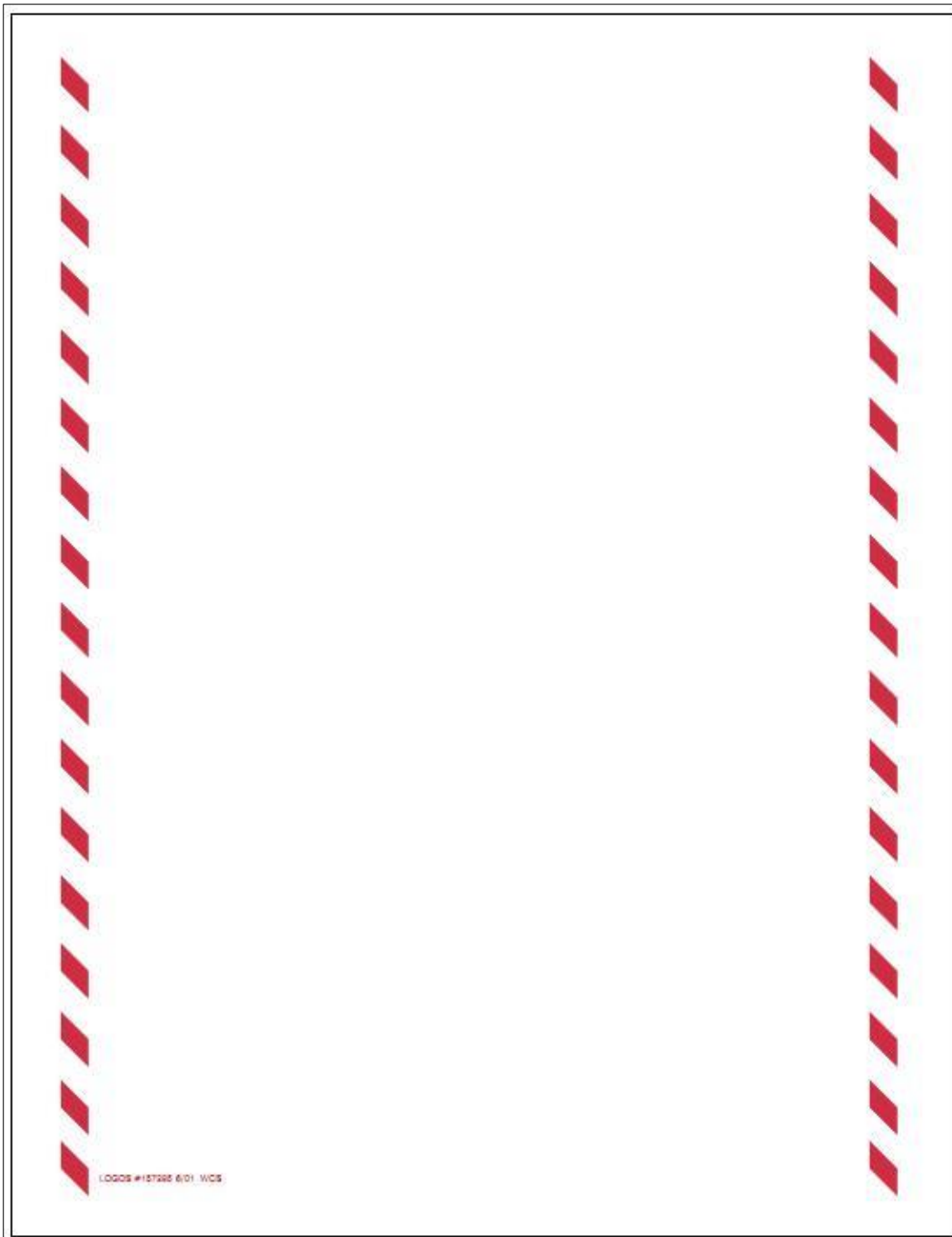
Depending on whether you choose the PNG or PDF format, the size requirements vary.

There are two ways to configure printers for printing thermal labels.

- Configure settings on the Label Settings tab of the FSMS Configuration Utility. The printer you select becomes the default printer for printing thermal labels.

- Specify the printer ID and type in shipping transactions. This overrides the default printer setting. Refer to Specifying Thermal Printers in Transactions section in this guide.

Refer the FedEx Ship Manager® Server Installation and Configuration Guide for information about

thermal printers supported by FedEx and how to set up a default thermal printer using the FSMS Configuration Utility.

13.3.2 Laser labels

You can print FedEx labels on a laser printer. FedEx Ship Manager® Server generates a laser printable label in PDF format which does not need to be scaled or resized. Laser labels are available for both FedEx Express and FedEx Ground shipping and are written to a label buffer.

There are two ways to configure laser printers for your FSMS meter.

- Configure settings on the Label Settings tab of the FSMS Configuration Utility. The printer you select becomes the default printer for printing laser labels.

- Specify the printer ID and type in shipping transactions. This overrides the default printer setting. Refer to Specifying Laser Printers in Transactions section in this guide.

Refer FedEx Ship Manager® Server Installation and Configuration Guide for information about FedEx supported laser printers and how to set up a default laser printer using the FSMS Configuration Utility.

13.3.3 Multi-Ply Air Waybills

FedEx Ship Manager® Server supports printing pre-printed multi-ply labels for FedEx Express International shipping. This feature is supported by FSMS because some countries do not allow a thermal or laser air waybill to be processed through Customs Clearance. The multi-ply air waybill is available in three types:

- Form 306 — FedEx International Air Waybill with preprinted tracking numbers

- Form 307 — FedEx International Air Waybill without preprinted tracking numbers

- Form 362 — French language FedEx International Air Waybill without tracking numbers

13.3.4 Label formats

FedEx Ship Manager® Server provides these graphic file formats for printing labels or creating images that you can position on your shipping documentation:

- PNG — thermal and laser labels

- PDF — thermal and laser labels

- DIB — laser labels

PNG Labels

FedEx Ship Manager® Server provides PNG (Portable Network Graphics) for FedEx Express and FedEx Ground labels by passing a value of PNG in Field 187 (Label Format Value). This image is by default saved to the C:\FedEx\FedEx_Temp directory. If you store labels in C:\FedEx\FedEx_Temp or your desired path, then you may want to perform clean-up in the path. To override this setting, use Field 537 (Thermal Label Printer ID). Set Field 187 (Label Format Value) to the appropriate size.

- PNG—Portable Network Graphics

- 46L—4" x 6" PNG

- 67L = 4"x6.75" PNG

- 48L—4" x 8" PNG

- 49L—4" x 9" PNG
- 4QL—3.5" x 5" PNG

This format replaces the previously supported GIF format.

Scaling PNG label images

When you view the PNG (Portal Network Graphics) label image on your screen, the barcode dots per inch (dpi) is reduced to your screen resolution, far less than required. To correct the dpi, you must use FedEx software label extensions, or you must scale (or resize) the image before printing. Scaling instructions vary by screen resolution and dimensions (inches or pixels).

To scale the PNG image for a 4" x 6" label in inches, set to 4" width and 6" length exactly.

To scale the PNG image for a 4" x 6" label in pixels the following settings are considered:

- If your screen resolution is 96 dpi, set the image size to:
    - Width = 384 pixels (96 ÷ 200 x 800 = 384)
    - Height = 576 pixels (95 ÷ 200 x 1200 = 576)
- If your screen resolution is 72 dpi, set to:
    - Width = 288 pixels (72 ÷ 200 x 800 = 288)
    - Height = 432 pixels (72 ÷ 200 x 1200 = 432)
- If your screen resolution is not 96 or 72 dpi, set to:
    - Width = Your screen dpi ÷ 200 x 800
    - Height = Your screen dpi ÷ 200 x 1200

PDF Labels

FedEx Ship Manager® Server provides Portable Document Format (PDF) label images for FedEx Express and FedEx Ground labels when you specify a value of **PDF** in Field 187 (Label Format Value). This produces an image of a laser label. Images of thermal labels are captured by setting Field 187 to the appropriate thermal label size desired:

- PDF—Portable Document Format 4"x6 Label Image with Instructions, for 8 ½" x 11" stock
- 46P—4" x 6" PDF Label Image with white space, for 8 ½" x 11" stock
- 46T = 4"x6" PDF Label Image, for 4"x6" stock
- 67P = 4"x6.75" PDF Label Image, for 4"x6.75" stock
- 48P—4" x 8" PDF Label Image with white space, for 8 ½" x 11" stock
- 48T = 4"x8" PDF Label Image, for 4"x8" stock
- 49P—4" x 9" PDF Label Image with white space, for 8 ½" x 11" stock
- 49T = 4"x9" PDF Label Image, for 4"x9" stock
- 4QP—3.5" x 5" PDF

These images are saved in the C:\FedEx\FedEx_Temp directory (as the default location). To change this location, you can override with another valid directory path in Field 537 (Thermal Label Printer ID). With PDF labels, there is no need to resize (scale) the label to fit the paper or label stock.

DIB Labels

Device Independent Bitmap (DIB) labels can be produced using the Windows Print Manager. Field 187 (Label Format Value/Printer Type Indicator) must be set to **DIB**. This is a laser label. In addition to the plain paper label that is produced, you can use Field 187 to indicate other label image sizes:

- DIB—Device Independent Bitmap
- 46D—4"x 6" DIB
- 48D—4" x 8" DIB
- 49D—4" x 9" DIB
- 4QD—3.5" x 5" DIB

You must include Field 537 (Label Printer ID) in a transaction and set the value to the UNC (Uniform Naming Convention) printer name.

DIB labels are available for FedEx Express and FedEx Ground shipments and are stored in a label buffer file.

13.3.5 Configuring Printers for labels, forms and reports

The **Label Settings** window in the FSMS Configuration Utility is used to configure printers for printing laser and thermal shipping labels as well as for multi-ply air waybills.

The existing Mask Account Number check box within the Configuration screen of the Label settings tab is removed.

The **Report Settings** window in the same Utility is used to configure FedEx Express dangerous goods (DG) forms and FedEx Ground hazardous materials forms.

Note: When printing the FedEx Ground Hazardous Materials form OP-900, use the Windows Generic/Text only printer driver and not the Lexmark printer driver. This allows you to use the custom form OP-900 defined in the Windows Print Server.

Refer the FedEx Ship Manager® Server Installation and Configuration Guide for information about how to configure printers for printing FedEx shipping labels.

Specifying Thermal Printers in Transactions

To specify a thermal printer in a transaction, include the fields in the following table in the 020 Global Ship Request or 095 Label Reprint Request transaction.

Table 137: Fields for Identifying thermal printers

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description Transaction: 020 Global Ship Request
				Carrier Code (Services)	Valid for	
Label Format Value/Printer Type Indicator						
187	Max=3	A	I	FDXE FDXG	All	Field level: Shipment Required **Description** • Label Format Value/Printer Type

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request |
				Carrier Code (Services)	Valid for	
						Indicator field allows you to enter the value that corresponds to the label format to print or label buffer to save. Each label format / printer type combination has a specific code. • *Required if Field 1282 specifies value T (Thermal label), F (Thermal label buffer to multiple files) or S (Thermal label buffer to single file). • The label buffer string is returned in Field 188 (Label Buffer String). • Valid values are:

199-Eltron LP2348/LP2443 4 x 6 Doc tab	**188**-Zebra DA402 4 x 6 Doc tab
388–Zebra 4 x 8	**488**–Zebra 4 x 9
299-Eltron LP2348/LP2443 4 x 6 Non Doc tab	**288**-Zebra DA402 4 x 6 Non Doc tab
399–Eltron/Zebra EPL 4 x 8	**499**–Eltron/Zebra EPL 4 x 9
PNG–Portable Network Graphics	**46L**-4 x 6 PNG
48L- 4x8 PNG	**49L**- 4x9 PNG
4QL-3.5x5 PNG	**67L**-4x6.75 PNG
CLS-Deferred Label	**DIB**–Laser Labels
46D- 4x6 DIB	**48D**- 4x8 DIB
49D- 4x9 DIB	**4QD**-3.5x5 DIB
PDF -4x6 PDF Label Image with Instructions for 8 ½ x 11 stock	**46P**- 4x6 PDF Label Image with white space for 8 ½ x 11 stock
46T- 4x6 PDF Label Image for 4x6 stock	**48T**-4x8 PDF Label Image for 4x8 stock

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request |
				Carrier Code (Services)	Valid for	
						49T- 4x9 PDF Label Image for 4x9 stock / **48P**- 4x8 PDF Label Image with white space, for 8 ½ x 11 stock
						49P- 4x9 PDF Label Image with white space for 8 ½x 11 stock / **4QP-**3.5x5 PDF
						67P- 4x6.75 PDF Label Image for 4x6.75 stock / **588** - Zebra 4 x 8.5
						599 - Eltron 4 x 8.5 / **688 -** Zebra 4 x 10.5
						699 - Eltron 4 x 10.5
Thermal Printer Identifier/Label Buffer File Path						
537	Max=255	N	I	FDXE FDXG	FDXE= INTL FDXG= U.S.	Field level: Shipment Required **Description** • Thermal Printer Identifier/Label Buffer File Path enables to label the buffer file. Share name for a network printer is used. • *Required for network printing of a thermal or laser label using the UNC format or saving the thermal label buffer, PNG image or 2D barcode data to a file other than he default. • Default thermal and laser printers are configured in the FSMS Configuration Utility. • Default label buffer, PNG or PDF image, and 2D barcode file path: C:\FedEx\FedEx_Temp. • If you store labels in C:\FedEx\FedEx_Temp or your desired path, you may want to perform cleanup in the path. • Use Field 187 (Label Format Value/Printer Type Indicator) to

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request
						identify the type of label format/printer type.

Specifying Laser Printers in Transactions

To specify a laser printer in a transaction, include the fields in Table 234 in the 020 Global Ship Request or 095 Label Reprint Request transaction.

Table 138: Fields for Identifying Laser Printers

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request
Label Format Value/Printer Type Indicator						
187	Max=3	A	I	FDXE FDXG	All	Field level: Shipment Required **Description** • Label Format Value/Printer Type Indicator field allows you to enter the value that corresponds to the label format to print or label buffer to save. Each label format / printer type combination has a specific code. • *Required for printing labels to an FSMS-supported laser printer using the Uniform Naming Convention (UNC) format or for indicating the label buffer type to be saved to a file. • The label buffer string is returned in Field 188 (Label Buffer String). • Valid values:

199-Eltron LP2348/ LP2443 4 x 6 Doc tab	**188**-Zebra DA402 4 x 6 Doc tab
388–Zebra 4 x 8	**488**–Zebra 4 x 9
299-Eltron LP2348/ LP2443 4 x 6 Non Doc tab	**288**-Zebra DA402 4 x 6 Non Doc tab
399–Eltron/Zebra EPL	**499**–Eltron/Zebra

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description Transaction: 020 Global Ship Request
				Carrier Code (Services)	Valid for	
						4 x 8 / EPL 4 x 9
						PNG–Portable Network Graphics / **46L**-4 x 6 PNG
						48L- 4x8 PNG / **49L**- 4x9 PNG
						4QL-3.5x5 PNG / **67L**-4x6.75 PNG
						CLS-Deferred Label / **DIB**–Laser Labels
						46D- 4x6 DIB / **48D**- 4x8 DIB
						49D- 4x9 DIB / **4QD**-3.5x5 DIB
						PDF -4x6 PDF Label Image with Instructions for 8 ½ x 11 stock / **46P**- 4x6 PDF Label Image with white space for 8 ½ x 11 stock
						46T- 4x6 PDF Label Image for 4x6 stock / **48T**-4x8 PDF Label Image for 4x8 stock
						49T- 4x9 PDF Label Image for 4x9 stock / **48P**- 4x8 PDF Label Image with white space, for 8 ½ x 11 stock
						49P- 4x9 PDF Label Image with white space for 8 ½x 11 stock / **4QP-**3.5x5 PDF
						67P- 4x6.75 PDF Label Image for 4x6.75 stock / **588** - Zebra 4 x 8.5
						599 - Eltron 4 x 8.5 / **688 -** Zebra 4 x 10.5
						699 - Eltron 4 x 10.5
						Note: When Field 187 is 4QD, 4QL or 4QP, only one 8 1/2" x 11" image with 4 identical labels is returned in the 160 Freight Create BOL Reply or 195 Label Reprint Reply transaction. You must indicate how many additional labels should be printed at ship time.
Thermal Printer Identifier/Label Buffer File Path						

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request |
				Carrier Code (Services)	Valid for	
537	Max=255	A	I	FDXE FDXG	FDXE= INTL FDXG= U.S.	**Field level: Shipment** Required **Description** • Thermal Printer Identifier/Label Buffer File Path field to label buffer file. Share name for a network printer may be used. • *Required for network printing of a thermal or laser label using the UNC format or saving the thermal label buffer, PNG image or 2D barcode data to a file other than the default. • Default thermal and laser printers are configured in the FSMS Configuration Utility. • Default label buffer, PNG or PDF image, and 2D barcode file path: C:\FedEx\FedEx_Temp. • Use Field 187 (Label Format Value/Printer Type Indicator) to identify the type of label format/printer type.

*Note: Most laser printers support the FedEx laser label types. If you have questions about laser printers, contact FedEx support at **fedex.com/us/customersupport/** or **1.800.GoFedEx 1.800.463.3339**.*

13.3.6 Print label options

You can print labels directly on a printer, print the label to a file, or defer printing of the label at a later point of time. The topics in this section describe print options:

• Print a thermal label to a file

• Print an air waybill label to printer or file

• Save labels to a table for deferred printing

• Reprint labels for a multiple-piece shipment

Printing Thermal Labels to File

FedEx Ship Manager® Server provides a feature called "Print-to-File". The Print-to-File feature applies only to thermal air waybills (TAWB) and allows you to return a label to a specified file rather in a reply transaction. This feature allows you to control label printing and eliminates the need for printing labels on a network.

You can return a label to a file when you ship using these FedEx services:

- FedEx Express

- FedEx Ground

- FedEx International multiple-package shipments (MPS)

Thermal label buffers are saved to the FSMS database prior to printing to allow for label reprinting up to 48 hours after shipment processing. This impacts the speed at which thermal labels are printed. To increase the label print speed, use a value of **F** or **S** in Field 1282 (Printer Type Indicator) and indicate the printer path in Field 537 (Thermal Printer Identifier/Label Buffer File Path). This causes the label buffer to be sent directly to the printer and not saved to the FSMS database.

> *Note: Labels produced this way are not available for reprinting.*

You must use Field 537 (Thermal Label Printer ID) to designate the directory where you want the label stored. The file name for the label is the master air waybill tracking number. All labels associated with a master air waybill are written to the same file name. For example, if you have a master shipment with twenty (20) associated packages, all labels for this multiple-piece shipment are written to the same file.

Printing an Air Waybill Label

Use the Air Waybill Label Indicator (Field 3130) to print or reprint the Thermal Air Waybill (AWB) Label.

Shippers are able to reprint one copy (per request) of the Thermal AWB or DIB Plain Paper label designated as a copy for the shipper.

This feature provides the following features:

- Ability to reprint a duplicate of the Thermal AWB ONLY.

- On the reprinted Thermal AWB ONLY or on a DIB Plain Paper Label (Laser Label Reprint Equivalent on FSMS), the Shipper AWB copy is identified by printing "SHIPPER AWB COPY" on the label.

The Thermal Air Waybill is available for all FedEx Express International shipments:

- Priority
    - o FedEx International Priority®
    - o International Priority Express (IPE)
    - o FedEx International Priority® Express
    - o International Priority Freight
    - o FedEx International Priority DirectDistribution®
    - o FedEx International Priority DirectDistribution® Freight

- Economy
    - o FedEx International Economy®
    - o FedEx Regional Economy®
    - o FedEx Regional Economy® Freight
    - o FedEx International Connect Plus (FICP)
    - o FedEx International Economy® Freight
    - o FedEx International Economy DirectDistribution℠ Service

Table 139: Air Waybill label indicator field

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description Transactions: 020/120 Global Ship Request/Reply
				Carrier Code (Services)	Valid for	
Air Waybill Label Indicator						

3130	Max=1	N	I	FDXE	INTL
					IPD
					IED
					IDF
						Field level: Package
						Required
						Description
						• Air Waybill Label Indicator field indicates shipper requirement for printing or reprinting an international air waybill label.
						• Valid values are:
						   o 1 — Shipper AWB Copy
						   o 2 — Print all three (3) labels

Figure 36: Airway Bill sample

Enterprise Access Controls and Integration (EACI) Airway Bill number

EACI provides an Enterprise Portal that can be accessed globally across all applications and OpCos allowing you to have a better control over your account.

FSMS supports this feature for all shipping methods:

1. Single Piece

2. Single Shot - MPS

3. Open Shipping - MPS (Multiplier & Non-Multiplier)

4. Total Piece/Total Weight (Express International only)

Note: Open Shipping Print-As-You-Go (PAYGO) is applicable only to U.S. Domestic hence is not impacted.

Table 140: Fields for Enterprise Access Controls and Integration

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description Transactions: 020/120 Global Ship Request/Reply
				Carrier Code (Services)	Valid for	
AWB Required Copies						

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transactions: 020/120 Global Ship Request/Reply |
				Carrier Code (Services)	Valid for	
5752	Min=1 Max=1	N	O	FDXE	INTL or Non-Domestic	**Field level:** Shipment **Optional** **Description** • AWB Required Copies field provides customers information needed to generate the required number of additional AWB copies. • FedEx Ship Manager® Server (FSMS) support the newly requested data element tag 5752, AWB Required Copies within the 120 Reply Global Shipping Transaction for Shipping, Rating, Routing, and Rating/Routing. • This tag is used to print the laser labels (DIB format) at shiptime. Refer the Data Elements section for all information regarding new data elements related to this transaction function.

For International Express or non-U.S. Domestic Express shipments FedEx Ship Manager® Server adopts the FORT compliant standard label layout for plain paper formats:

- PNG

- DIB

- FedEx Ship Manager® Server adopts the thermal label layout for this plain paper format:

- PDF

- Note: PNG format does not support printing of multiple Air Waybill copies.

EACI label format

- The new format of labels for all international and non-U.S. domestic shipments will be a thermal image on plain paper layout.

- The verbiage "AWB" is added after tracking number.

- Legacy label formats are retired.

Note: You can mask the sender account number in an International Economy Air Waybill (AWB) printed label using "Mask Sender Account Number for T/C and D/T" checkbox. This checkbox is enabled for Field and Support level users.

(T/C is Transport charges, paid by shipper and D/T is Duties/Taxes, paid by recipient).

Figure 37: Thermal AWB label image
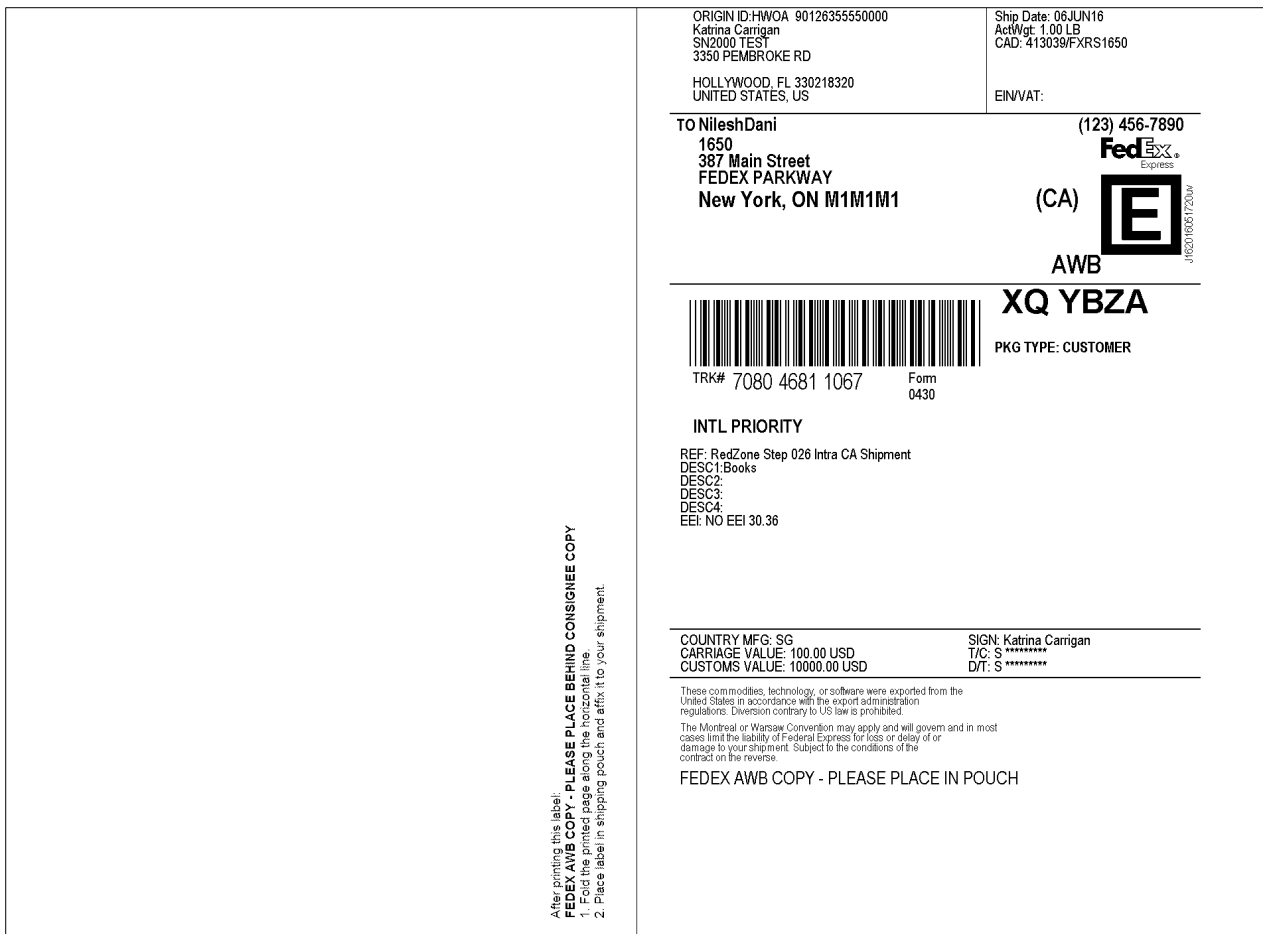
Printing Thermal Air Waybill Labels to File

When using the multi-ply air waybill, you can set up the printer in the FSMS Configuration Utility or you can specify the printer within the transaction. If the printer is set up in the FSMS Configuration Utility

Table 141: Fields for printing thermal Air Waybill labels to file

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description Transaction: 020 Global Ship Request
				Carrier Code (Services)	Valid for	
Label Format Value/Printer Type Indicator						
187	Max=3	A	I	FDXE FDXG	All	**Field level:** Shipment **Required** **Description** • Label Format Value/Printer Type Indicator field allows you to enter the value that corresponds to the label format to print or label buffer to save. Each label format / printer

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request |
				Carrier Code (Services)	Valid for	
						type combination has a specific code.

- *Required if Field 1282 specifies value T (Thermal label), F (Thermal label buffer to multiple files) or S (Thermal label buffer to single file).
- The label buffer string is returned in Field 188 (Label Buffer String).
- Valid values:

199-Eltron LP2348/ LP2443 4 x 6 Doc tab	**188**-Zebra DA402 4 x 6 Doc tab
388–Zebra 4 x 8	**488**–Zebra 4 x 9
299-Eltron LP2348/ LP2443 4 x 6 Non Doc tab	**288**-Zebra DA402 4 x 6 Non Doc tab
399–Eltron/Zebra EPL 4 x 8	**499**– Eltron/Zebra EPL 4 x 9
PNG–Portable Network Graphics	**46L**-4 x 6 PNG
48L- 4x8 PNG	**49L**- 4x9 PNG
4QL-3.5x5 PNG	**67L**-4x6.75 PNG
CLS-Deferred Label	**DIB**–Laser Labels
46D- 4x6 DIB	**48D**- 4x8 DIB
49D- 4x9 DIB	**4QD**-3.5x5 DIB
PDF -4x6 PDF Label Image with Instructions for 8 ½ x 11 stock	**46P**- 4x6 PDF Label Image with white space for 8 ½ x 11 stock
46T- 4x6 PDF Label Image for 4x6 stock	**48T**-4x8 PDF Label Image for 4x8 stock
49T- 4x9 PDF Label Image for 4x9 stock	**48P**- 4x8 PDF Label Image with white space, for 8 ½ x 11 stock

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request
						49P- 4x9 PDF Label Image with white space for 8 ½x 11 stock **4QP-**3.5x5 PDF
						67P- 4x6.75 PDF Label Image for 4x6.75 stock **588** - Zebra 4 x 8.5
						599 - Eltron 4 x 8.5 **688 -** Zebra 4 x 10.5
						699 - Eltron 4 x 10.5

Thermal Printer Identifier/Label Buffer File Path						
537	Max=255	A	I	FDXE FDXG	FDXE= INTL FDXG= U.S.	**Field level:** Shipment **Required** **Description** • Thermal Printer Identifier/Label Buffer File Path field identifies Thermal printer or path to label buffer file. Share name for a network printer is used. • *Required for network printing of a thermal or laser label using the UNC format or saving the thermal label buffer, PNG image, or 2D barcode data to a file other than the default. • Default thermal and laser printers are configured in the FSMS Configuration Utility. • Default label buffer, PNG or PDF image, and 2D barcode file path: C:\FedEx\FedEx_Temp. • Use Field 187 (Label Format Value/Printer Type Indicator) to identify the type of label format/printer type.

Printer Type Indicator						
1282	Max=1	A	I	FDXE FDXG	All	**Field level:** Shipment **Required**

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request

						Description
						
						• Printer Type Indicator field indicates the printer.
						
						• *Required to save a thermal label buffer to a file.
						
						• Valid values are:
						    ○ N — No label
						    ○ T — Thermal label
						    ○ B — 2D barcode request for producing custom labels
						
						• If the field value is set to B:
						    ○ Field 537 (Thermal Printer Identifier/Label Buffer File Path) should be used if using a directory other than the default directory: C:\FedEx\FedEx_Temp.
						    ○ Field 1660 (Custom Label Flag) must be set to Y.
						    ○ F — Thermal Label Buffer
						
						• Multiple files: each label buffer is saved to an individual file.
						
						• The package's tracking number is used as the file name. Note that FedEx Ground C.O.D. label file names begin with CR.
						
						• For FedEx international multiple-piece shipments (MPS), the master air waybill (MAWB) buffer is saved to the same file as the buffer for the first package. For Open Ship shipments, place this field and its value in the CONFIRM transaction.
						    ○ S — Thermal Label Buffer
						
						• Single files: all label buffers are saved to a single file.
						
						• Only for FedEx international MPS. This does not include IPD/IDF* or IDD Surface* — use F for these

| Field ID | Field length | Data type | Input\ Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020 Global Ship Request
						shipment types. • MPS buffers separated by a carriage return. • For FedEx international MPS, the master air waybill (MAWB) number is the file name. • For Open Ship shipments, place this field and its value in the CONFIRM transaction. *Note: Thermal label buffers are saved to the FSMS database prior to printing to allow for label reprinting up to 48 hours after shipment processing. This impacts the speed at which thermal labels are printed. To increase the label print speed, use a value of F or S in Field 1282 and indicate the printer path in Field 537. This causes to send the label buffer directly to the printer without saving in FSMS database. These kinds of labels produced not available for reprinting. *IPD/IDF is the acronym for FedEx International Priority DirectDistribution/FedEx International DirectDistribution Freight.* * IDD Surface is the acronym for FedEx® International DirectDistribution Surface Solutions, formerly known as TD for FedEx® Transborder Distribution.*
Number of Label Copies - Shipper						

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request |
				Carrier Code (Services)	Valid for	

1311	Max=1	N	I	FDXE FDXG	INTL	**Field level:** Shipment
						Optional
						Description
						
						• Number of Label Copies - Shipper field indicates the number of additional copies of the shipper label to print. The copies print in addition to the normal number of labels.
						
						• Use Field 1311 to override the International Shipper Label Copies field on the Label Settings tab of the FSMS Configuration Utility.
						
						• Valid values are:
						   o 0 — One copy (default)
						   o 1 — One copy
						   o 2 — Two copies
						   o 3 — Three copies
						
						Note: Field 1311 set to 0 (zero) no longer suppresses printing of a label. If you set this field to 0, only one label gets printed.

Number of Label Copies - Customs						

1312	Max=1	N	I	FDXE FDXG	INTL	**Field level:** Shipment
						Optional
						Description
						
						• Number of Label Copies - Customs identifies the number of additional copies of the Customs label to print. The copies print in addition to the normal number of labels.
						
						• Use Field 1312 to override the International Customs Label Copies field on the Label Settings tab of the FSMS Configuration Utility.
						
						• Valid values are:
						   o 0— One copy (default)
						   o 1— One copy

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request |
				Carrier Code (Services)	Valid for	
						o 2 — Two copies
						o 3 — Three copies
						Note: Field 1312 set to 0 (zero) no longer suppresses printing of a label. If you set this field to 0, only one label gets printed.
Number of Label Copies - Manifest						

1313	Max=1	N	I	FDXE FDXG	INTL	**Field level:** Shipment
						Optional
						Description
						
						• Number of Label Copies - Manifest field identifies the number of additional copies of the Manifest label to print. The copies print in addition to the normal number of labels.
						
						• Use Field 1313 to override the International Manifest Label Copies field on the Label Settings tab of the FSMS Configuration Utility.
						
						• Valid values are:
						   o 0— One copy (default)
						   o 1— One copy
						   o 2 — Two copies
						   o 3 — Three copies
						
						Note: Field 1313 set to 0 (zero) no longer suppresses printing of a label. If you set this field to 0, only one label gets printed.

Deferring Print Label

You can save shipping labels to a label table from which you can print the label later.

Table 238 describes the fields you must include in a 095 Reprint Label Request transaction if you want to defer printing labels.

If you include Field 537 (Thermal Printer Identifier/Label Buffer File Path) with Field 187 (Label Format Value/Printer Type Indicator) set to **CLS**, the printer path is ignored.

Table 142: Fields Required to Defer Label Printing

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 095 Label Reprint Request
Label Format Value/Printer Type Indicator						
187	Max=3	A	I	FDXE FDXG	All	**Field level:** Shipment **Required** **Description** • Label Format Value/Printer Type Indicator field allows you to enter the value that corresponds to the label format to print or label buffer to save. Each label format / printer type combination has a specific code. • *Required if Field 1282 specifies value T (Thermal label), F (Thermal label buffer to multiple files) or S (Thermal label buffer to single file). • The label buffer string is returned in Field 188 (Label Buffer String). • Valid values:

199-Eltron LP2348/LP2443 4 x 6 Doc tab	**188**-Zebra DA402 4 x 6 Doc tab
388–Zebra 4 x 8	**488**–Zebra 4 x 9
299-Eltron LP2348/LP2443 4 x 6 Non Doc tab	**288**-Zebra DA402 4 x 6 Non Doc tab
399–Eltron/Zebra EPL 4 x 8	**499**–Eltron/Zebra EPL 4 x 9
PNG–Portable Network Graphics	**46L**-4 x 6 PNG
48L- 4x8 PNG	**49L**- 4x9 PNG
4QL-3.5x5 PNG	**67L**-4x6.75 PNG
CLS-Deferred Label	**DIB**–Laser Labels
46D- 4x6 DIB	**48D**- 4x8 DIB
49D- 4x9 DIB	**4QD**-3.5x5 DIB

| Field ID | Field length | Data type | Input\ Output | FedEx shipping | | Description Transaction: 095 Label Reprint Request |
				Carrier Code (Services)	Valid for	
						PDF -4x6 PDF Label Image with Instructions for 8 ½ x 11 stock / **46P**- 4x6 PDF Label Image with white space for 8 ½ x 11 stock
						46T- 4x6 PDF Label Image for 4x6 stock / **48T**-4x8 PDF Label Image for 4x8 stock
						49T- 4x9 PDF Label Image for 4x9 stock / **48P**- 4x8 PDF Label Image with white space, for 8 ½ x 11 stock
						49P- 4x9 PDF Label Image with white space for 8 ½x 11 stock / **4QP-**3.5x5 PDF
						67P- 4x6.75 PDF Label Image for 4x6.75 stock / **588** - Zebra 4 x 8.5
						599 - Eltron 4 x 8.5 / **688 -** Zebra 4 x 10.5
						699 - Eltron 4 x 10.5 •
Deferred Label Flag						

2406	Max=1	A	I/O	FDXE FDXG	All	**Field level:** Shipment
						Required
						Description
						• Deferred Label Flag field if set to Y, stores the label data received in the 095 transaction in a label table.
						• *Must be set to Y to defer printing the label.
						• Valid values are:
						   o Y — Defer printing of label
						   o N — Do not defer printing of label (default)

Reprinting Labels for Multiple-Piece shipments

You can reprint labels for multiple-piece shipments (MPS) in two ways:

Use the Label Reprint Utility. Refer to [FedEx Ship Manager® Server utilities](#) in this guide.

- *Send a request using the 095 Label Reprint Request transaction. For more information refer About FedEx Ship Manager® Server transactions*

Label reprint for multiple-piece shipments is available for:

- FedEx Express International

- FedEx Ground

Rules for Reprinting Multiple-Piece Shipment Labels

- You can reprint labels up to a maximum of 48 hours after the ship date with the restriction that the calendar day for the reprint cannot be greater than the day after the ship date. For example, if you ship a 2-package FedEx Express International package on 12/15/05 at 16:30 (4:30 PM), you have until 22:59 (10:59 PM) of the entire next day (12/16/05) to reprint the label.

- The package for which you are requesting a Label Reprint must be part of an MPS—either FedEx Express International or FedEx Ground.

- For the Future Day option, you can reprint shipment labels using the same reprint time frame: that is, you can reprint a Future Day shipment label until the ship date. , If you need additional time, you have up to a maximum of 48 hours from the ship date/time (up to the next calendar day from the ship date) to reprint the label.

Table 143: Fields for Reprinting a Label for a Multiple-Piece Shipment

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description Transaction: 095 Label Reprint Request |
				Carrier Code (Services)	Valid for	
Tracking Number						
29	Min=12 Max=25	A	I/O	ALL	FDXE= INTL FDXG= U.S.	**Field level:** Shipment **Required** **Description** • Tracking Number field indicates a FedEx tracking number that is assigned to the package. • *Required for reprint of thermal or laser MPS labels. • You may use Field 29 as a multiple occurrence field. This allows all child tracking numbers to be returned in the Reply transaction. • Returned if a tracking by number results in a duplicate.
Thermal Printer Identifier/Label Buffer File Path						

| Field ID | Field length | Data type | Input/ Output | FedEx shipping | | Description
Transaction: 095 Label Reprint Request |
				Carrier Code (Services)	Valid for	
537	Max=255	A	I	FDXE FDXG	FDXE= INTL FDXG= U.S.	**Field level:** Shipment **Required** **Description** • Thermal Printer Identifier/Label Buffer File Path identifies the Thermal printer or path to label buffer file. Share name for a network printer is used. • *Required for network printing of a thermal or laser label using the UNC format or saving the thermal label buffer, PNG image, or 2D barcode data to a file other than the default. • Default thermal and laser printers are configured in the FSMS Configuration Utility. • Default label buffer, PNG or PDF image, and 2D barcode file path: C:\FedEx\FedEx_Temp. • Use Field 187 (Label Format Value/Printer Type Indicator) to identify the type of label format/printer type.
Laser Printer ID						
544	Max=255	A	I	FDXE FDXG	FDXE= INTL FDXG= U.S.	**Field level:** Shipment **Required** **Description** • Laser printer ID in UNC format is used for printing the Laser Air Waybills. • *Required for reprint of laser MPS labels.

For more information about the 095 Label Reprint Request transaction, refer FedEx Ship Manager® Server Transaction Coding Reference Guide.

13.4 Labels and Doc-Tabs

The term doc-tab refers to a peel-off strip at the top or bottom of a FedEx thermal label on which you

can print user-defined shipping information. You can remove the doc-tab section of a label and keep it with your back-office shipping records.

The following labels include doc-tab areas:

- 6" thermal label
- 9" thermal label

13.4.1 Creating a custom Doc-tab label

Use the doc-tab area of a FedEx thermal label to print information you want to retain with your shipping records. To create doc-tabs for FedEx Express and FedEx Ground labels use the 020 Global Ship Request transaction.

Note:

- *Customize the **Headings** in the Doc-tab Fields section of the Doc-tab Settings tab with a limit of 15 characters. The doc-tab reference field rate data remains blank when printed if "No Ship-time Rates" option on the Meter Settings tab is enabled.*

- *When tag 72 (Terms of Sale) is set to '9' (Other), FSMS prints the value from tag 4099 in the Doc tab section of the label.*

13.4.2 Doc-tab Settings

Configuring FedEx Express Additional Handling Surcharge Types for U.S. Export

The following values are listed in the **Values** drop-down lists used for the **Doc tab Fields** located on the Doc-tab Settings tab for these shipping types.

U.S. Export:

- AHS Surcharge Type
- Standard List AHS Surcharge Type

The numeric representation of each of the following AHS Surcharge Type prints when the **Doc tab Fields** and **Reference** sections are configured:

- 1—AHS Package
- 2—AHS Dimension
- 3—HS Weight
- 4—AHS Freight

The following existing values are modified in the **Value** drop-down boxes used for the **Doc tab Fields** and **Reference** sections located on the Doc-tab Settings tab for these shipping types.

Express, Express Export, TD options:

- Non Standard Container/AHS Surcharge
- Standard List Non Standard Container/AHS Surcharge

The following table lists the fields you include in a transaction and the text in these specified fields is printed in the doc-tab area of a label.

Table 144: Doc-tab Configuration field update

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transactions: 070 Meter Query or Configuration Request |
				Carrier Code (Services)	Valid for	
Doc-tab Values						
3121	Max=4	N	I	FDXE FDXG	All IN-CTR	**Field level:** Shipment **Optional** **Description** • Transactions: 070 Meter Query or Configuration Request field allows you to type the serial number for the data element you want to include as part of the doc-tab. Maximum number of occurrences is twelve (12). • Valid values are listed in the "Doc-tab Data Elements" in the *FedEx Ship Manager® Server Transaction Coding Reference Guide*.

The Demand surcharge values

FedEx Ship Manager® Server (FSMS) supports the Demand surcharge information in the configurable Doc tab Settings tab of the config manager Utility.

Figure 38: Demand Surcharge information on Doc-tab Settings screen

FedEx Express market shipments

Labels are available for non-U.S. FedEx Express shipments. The above table describes the fields printed on the Thermal Air Waybill (AWB) and Laser shipping labels.

From the Doc-tab Settings tab, select a **Shipping Type** for an intra-country market shipment, as shown in FedEx Express Enabled Doc-tab Settings.

- Express (Intra AT) for an intra-Austria shipment

- Express (Intra BE) for an intra-Belgium shipment

- Express (Intra BR) for an intra-Brazil shipment

- Express (Intra CO) for an intra-Colombia shipment

- Express (Intra CZ) for an intra-Czech Republic shipment

- Express (Intra DK) for an intra-Denmark shipment

- Express (Intra FI) for an intra-Finland shipment

- Express (Intra FR) for an intra-France shipment

- Express (Intra DE) for an intra-Germany shipment

- Express (Intra HU) for an intra-Hungary shipment

- Express (Intra IN) for an intra-India shipment

- Express (Intra IT) for an intra-Italy shipment

- Express (Intra LU) for an intra-Luxembourg shipment

- Express (Intra NL) for an intra-Netherlands shipment

- Express (Intra NO) for an intra-Norway shipment

- Express (Intra PL) for an intra-Poland shipment

- Express (Intra RU) for an intra-Russia shipment

- Express (Intra ES) for an intra-Spain shipment

- Express (Intra SE) for an intra-Sweden shipment

- Express (Intra CH) for an intra-Switzerland shipment

- Express (Intra AE) for an intra-United Arab Emirates shipment

- Express (Intra UK) for an intra-United Kingdom shipment

Only when an origin meter is selected for a country the **Express (Intra XX)** option is displayed for that country in the Shipping Type section. For example, when the France origin meter is selected, then the following shipping types are displayed:

- Express Export

- Express (Intra FR)

When the German origin meter is selected, then the following shipping types are displayed:

- Express Export

- Express (Intra DE)

- The following number of label copies are printed for each country.

- Brazil and United Arab Emirates, Belgium, Denmark, France, Germany, Italy, Luxembourg, and the Netherlands

  o One Shipping label

  o Two Consignee labels

- Colombia and Switzerland

  o One Shipping label

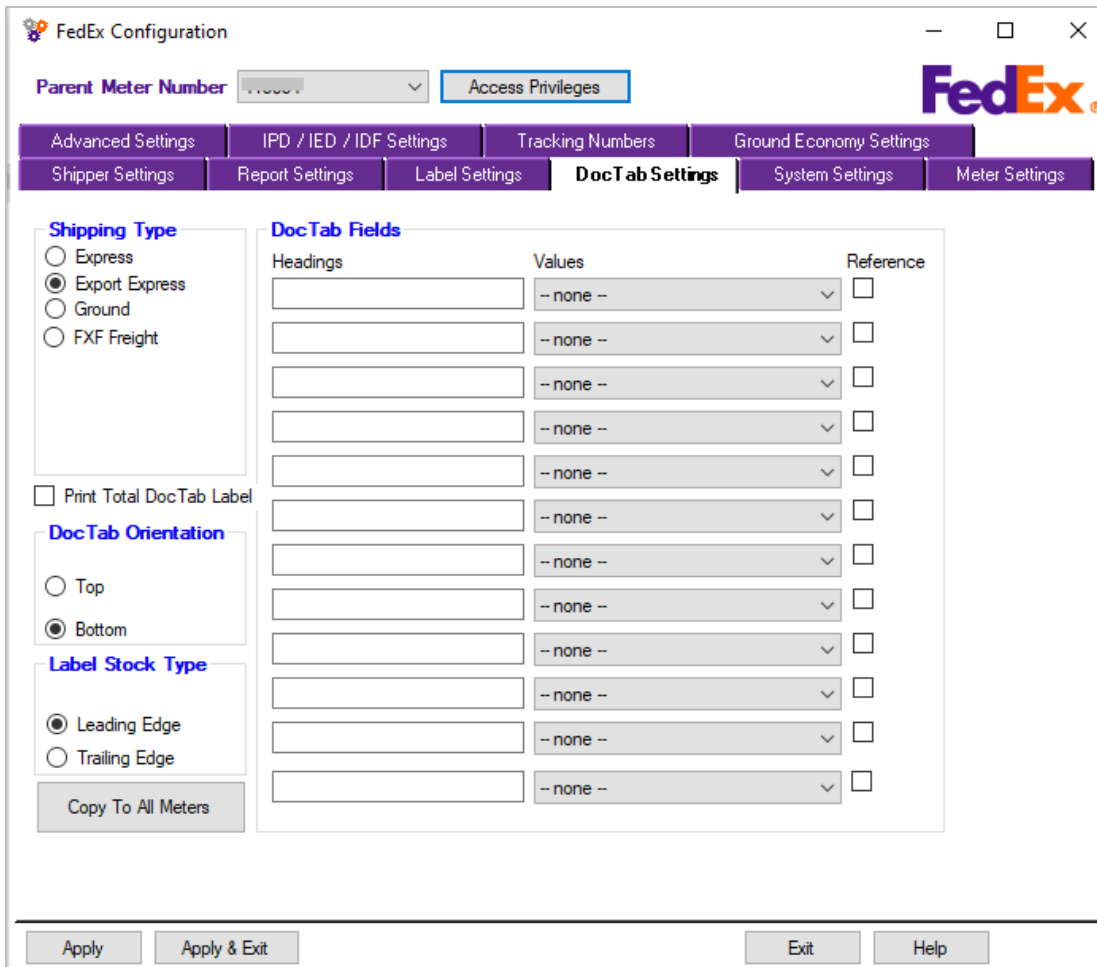 o One Consignee label

Figure 39: Doc-tab Settings screen

Table 145: Intra-Country markets shipping label fields

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
Customs Currency Type				**Transactions: 020 Global Ship Request**		
68	Max=3	A	I	FDXE	INTL	**Field level:** Shipment Required or Defaulted *Required for FedEx Express international shipments only. **Description** • Customs Currency Type field indicates the currency in which the customs value is expressed.

Field ID	Field length	Data type	Input\ Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
						• Default for U.S. shipping: USD • Default for intra-CA shipping: CAD *Note: The setting for this field is applied field 119 (Total Commodity Customs Values), and field 1030 (Commodity Line Item Unit Value).*
Recipient IRS/EIN/VAT/EORI Number				**Transactions: 020 Global Ship Request**		
118	Max=18	A	I	FDXE	INTL	Field level: Shipment Optional **Description** • Transactions: 020 Global Ship Request field indicates recipient's tax identification number is the number for the Internal Revenue Service (IRS)/Employer Identification Number (EIN), Value Added Tax (VAT), Economic Operators Registration and Identification Number (EORI), or other import identification number depending on the country of destination. • Prints on the commercial invoice (CI) and/or on the international Master Air Waybill (MAWB). Prints on the Thermal Air Way Bill (AWB) and Laser shipping labels for Brazil shipments.
Total Commodity Customs Value				**Transactions: 020/120 Global Ship Request/Reply, 124 Shipment Query Reply**		
119	Max=11 .2	N	I/O	FDXE FDXG	All	Field level: Shipment Required and Optional **Description** • Enter the total dutiable value of the shipment. • *Required when Field 113 (Commercial Invoice Print and Upload Flag) is set to N. • Optional when Field 113 is set to Y. • If Field 113 is set to Y, this value is

Field ID	Field length	Data type	Input\Output	FedEx shipping Carrier Code (Services)	Valid for	Description
						derived from the sum of Quantity x Unit Value (Field 82 x Field 1030).
						• An entry in Field 119 (Total Commodity Customs Value) overrides the derived value.
						• If Field 113 is set to Y, Field 2404 (Shipment Documentation Flag) position 1 (Commercial Invoice) should also be set to Y to generate a commercial invoice (default)
						• Prints on the Thermal Air Way Bill (AWB) and Laser shipping labels for UAE shipments.
Sender IRS/EIN/EORI Number				**Transactions: 020 Global Ship Request**		
1139	Max=18	N	I	FDXE	INTL	Field level: Shipment Optional **Description** • Transactions: 020 Global Ship Request identifies IRS number or the Employer Identification Number (EIN) of the shipment Sender. • Used only for shipper's Export Declaration Electronic Export Information (EEI) shipments. . • Use Field 1352 (Sender Identification Type) to identify the number you enter is an Employer Identification Number (EIN). Prints on the Thermal Air Way Bill (AWB) and Laser shipping labels for Brazil shipments.
Recipient Identification Type				**Transactions:020 Global Ship Request, 024/124 Shipment Query Request/Reply**		
2448	Min=1 Max=1	A	I	FDXE	All	Field level: Package Required **Description**

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	

						• Specifies whether the data entered in Field 118 (Recipient IRS/EIN/VAT/EORI Number), Employer Identification Number (EIN), Value Added Tax (VAT) Number, or an Economic Operators Registration and Identification Number (EORI).
						• Valid values are:
						  o E — EIN
						  o V — VAT
						  o O — EORI
						
						*Note: * Required if Field 118 (Recipient IRS/EIN/VAT/EORI Number) is set.*
						
						For shipping, use Single Piece.

Shipper State Tax ID				**Transactions: 020 Global Ship Request**		
3193	Min=12 Max=12	N	I	FDXE	Brazil	Field level: Shipment Required **Description** • Transactions: 020 Global Ship Request indicates the shipper state tax ID number. • *Required for domestic shipments in Brazil. • For shipping, use Single Shot, Single Piece, Open Ship, or MPS. • Prints on the Thermal Air Way Bill (AWB) and Laser shipping labels for Brazil shipments.
Recipient State Tax ID				**Transactions: 020 Global Ship Request**		
3194	Min=12 Max=12	N	I	FDXE	Brazil	Field level: Shipment Required* **Description** • Transactions: 020 Global Ship Request

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
						identifies the recipient state tax ID number.
						• *Required for intra-country shipments in Brazil.
						• For shipping, use Single Shot, Single Piece, Open Ship, or MPS.
						• Prints on the Thermal Air Way Bill (AWB) and Laser shipping labels for Brazil shipments.
Domestic Regulatory Reference Number				**Transactions: 020/120 Global Ship Request/Reply**		
3198	Min=1 Max=30	A/N	I/O	FDXE	Brazil Colombia	Field level: Shipment **Required and Optional** **Description** • Transactions: 020/120 Global Ship Request/Reply field identifies the Nota Fiscal number for Brazil or the CI number for Colombia. • *Required when the origin and destination is Brazil. • Optional when the origin and destination is Colombia. • For shipping, use Single Shot, Single Piece, Open Ship, or MPS. • Prints on the Thermal Air Way Bill (AWB) and Laser shipping labels for Brazil and Colombia shipments.
Domestic Content Description				**Transactions: 020/120 Global Ship Request/Reply**		
3199 -#	Min=1 Max=50	A/N	I/O	FDXE	UAE	**Field level:** Package **Required and Optional** **Description** • Transactions: 020/120 Global Ship Request/Reply field identifies the recipient state tax ID number. • *Required when the origin and

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
						destination is UAE.
						• Optional for domestic shipments in all EMEA countries, including intra-country shipping in Belgium, Brazil, Colombia, Denmark, France, Germany, Italy, Luxembourg, the Netherlands, and Switzerland.
						• For shipping, use Single Shot, Single Piece, Open Ship, or MPS.
						• Prints on the Thermal Air Way Bill (AWB) and Laser shipping labels for Brazil, Colombia, Switzerland, and UAE shipments.

FedEx Ground® Economy Shipments

In addition, labels are available with or without doc-tabs in all U.S. FedEx Ground® Economy shipments. The default doc-tab can be used, or it can be customized with the available field tags.

FedEx Ship Manager® Server allows Field 1619 (Doc-tab Type) to be passed in the 070/170 Meter Query Request/Reply Transaction with the new value of "SP" to configure a Doc-tab for FedEx Ground® Economy shipments. Refer to **Error! Reference source not found.** for more information.

The default doc-tab includes the following information:

- Position 1 — Invoice: Invoice Number

- Position 2 — Customer: Customer Reference

- Position 3 — Phone: Phone Number

- Position 4 — Dept.: Recipient Department Name

- Position 5 — Date: Ship Date

- Position 6 — Weight: Weight

- Position 7 — Shipping: Net Charge

- Position 8 — Special: Total Surcharge Amount

- Position 9 — Handling: Total Customer Handling Charge

- Position 10 — Total: Total Customer Charge Amount

- tab Portion

  - FedEx Enterprise Tracking Number: 14 digits with no spaces

  - Legacy Ground Tracking Number: 15 characters with no spaces

  - FedEx Ground® Economy Tracking Number: 20 characters with additional spaces after every 4 characters

13.4.3 Doc-tab fields

Doc-tab Settings can be configured for all FedEx shipments. The table below provides the lists of Doc tab fields.

Table 146: Doc-tab fields

Code	Doc-tab Data Element
0	NONE
1	Alternate Return Address - zip
2	Alternate Return Address - State
3	Alternate Return Address - City
4	Alternate Return Address - line 1
5	Alternate Return Address - Contact
6	Recipient ID
7	Reference 2
8	Reference 1
9	User ID
10	User Group ID
11	User Group Name
12	Account Name
29	Customer Software Version
31	Sender Company
32	Sender Contact Name
33	Sender Department
34	Sender Address Line 1
35	Sender Address Line 2
36	Sender City
37	Sender State Code
38	Sender Postal Code
39	Sender Country Code
40	Sender Phone Number
41	Sender Email
42	Sender Pager Number
43	Sender Fax Number
44	Sender Account Number

45	Recipient Company
46	Recipient Contact Name
47	Recipient Department
48	Recipient Address Line 1
49	Recipient Address Line 2
50	Recipient City
51	Recipient State Code
52	Recipient Postal Code
53	Recipient Country Code
54	Recipient Phone Number
55	Reference Information / Description
56	Total Packages
57	Payor Account Number / Bill Account Number
58	Ship Date & Time
59	Meter Number
60	Tracking Number
61	Service Type
62	Declared Value
63	Ship Weight / Package Weight
64	Packages Length
65	Package Width
66	Package Height
67	Dim Weight
68	Weight Unit
69	Package Sequence
74	Signature option fee
75	List signature option fee
76	Purchase Order Number
77	Invoice Number
94	Alternate Base Rate
95	Alternate Discount
96	Alternate Total Surcharge
97	Alternate Net Charge
98	Alternate Fuel Surcharge

99	Alternate Declared Value Surcharge
100	Alternate Minimum Package Charge
101	Alternate ODA Surcharge
102	Alternate Saturday Pickup Surcharge
103	Alternate Saturday Delivery Surcharge
104	Alternate Dangerous Goods Surcharge
105	Alternate Residential Delivery Surcharge
106	Alternate COD Surcharge
107	Alternate Saturday Pickup Surcharge
108	Alternate Saturday Delivery Surcharge
109	Alternate Dangerous Goods Surcharge
110	Alternate Residential Delivery Surcharge
111	Alternate COD Surcharge
112	Alternate OPA Surcharge
113	Alternate Inside Pickup Surcharge
114	Alternate Inside Delivery Surcharge
115	Alternate Total Customer Handling Charge
116	Alternate Oversize Surcharge
117	Alternate Offshore Surcharge
118	Alternate Additional Handling Surcharge
119	Alternate Dry Ice Surcharge
120	Alternate Email Label Surcharge
121	Alternate Print Return Label Surcharge
122	Alternate TPC Surcharge
123	Alternate Europe First Surcharge
124	Alternate Residential Rural Surcharge
125	Alternate Date Certain Delivery Surcharge
126	Alternate Appointment Delivery Surcharge
127	Alternate Evening Delivery Surcharge
128	Alternate Goods and Services Sales Tax (GST)
129	Alternate Quebec Sales Tax (QST)
130	Alternate Harmonized Sales Tax (HST)
131	Alternate Net Freight Charge Before CA Taxes
132	Alternate Total Surcharge Before CA Taxes

133	Alternate Total Customer Handling Before CA Taxes
134	Alternate Mexico IVA Tax
135	Alternate Non Machinable Surcharge
136	Alternate Delivery Confirmation Service Surcharge
137	Alternate Signature Option Surcharge
138	Alternate Dynamic Surcharge Code and/or Fees Code
139	Alternate Dynamic Surcharge Value and/or Fees Code
140	Alternate Bonus Discount
141	Alternate Earned Discount
142	Bonus Discount
—	AHS Freight
501	Form Code
502	Master Tracking Number
503	Master Form Code
504	C.O.D. Collect Amount
505	Origin Location Code
506	Destination Location Code
507	Billed Weight
508	HAL Address Line 1
509	HAL City
510	HAL State
511	HAL Postal Code
512	Delivery Date
513	Delivery Day
514	Dry Ice Weight
515	FedEx Ship Alert Email 1
516	FedEx Ship Alert Email 2
517	FedEx Ship Alert Email 3
520	C.O.D. Return Tracking Number
521	C.O.D. Return Form Code
522	C.O.D. Return Name
523	C.O.D. Return Company Name
524	C.O.D. Return Address 1
525	C.O.D. Return Address 2

526	C.O.D. Return City
527	C.O.D. Return State Code
528	C.O.D. Return Postal Code
529	C.O.D. Return Phone Number
530	Base Rate Amount
531	Package Discount Amount
532	Surcharge Amount
533	Net Charge Amount
534	Rebate Amount
535	Alaska Surcharge Amount
536	Hawaii Surcharge Amount
537	Declared Value Surcharge
538	Saturday Pickup Surcharge Amount
540	Sunday Delivery Surcharge
541	C.O.D. Surcharge Amount
542	Residential Surcharge Amount
543	H3 Pickup Surcharge Amount
544	H3 Delivery Surcharge
545	Inside Pickup Surcharge Amount
547	Priority Alert Surcharge Amount
549	Standard List Declared Value Surcharge Amount
550	Standard List Fuel Surcharge Amount
554	Standard List Priority Alert Surcharge Amount
555	Standard List Residential Surcharge Amount
556	Standard List C.O.D. Surcharge Amount
557	Standard List Saturday Pickup Surcharge Amount
558	Standard List Alaska Surcharge Amount
559	Standard List Hawaii Surcharge Amount
560	Standard List Surcharge Amount
561	Standard List Delivery Area Surcharge Amount
562	Standard List Saturday Delivery Surcharge Amount
566	Standard List Gross Charge Amount
567	Standard List Net Charge Amount
568	Delivery Area Surcharge

649	Customs Processing Type
756	Alcohol Recipient Type
757	Alcohol Shipment Label Indicator
701	Priority Alert Plus Surcharge
702	Standard List Priority Alert Plus Surcharge
703	Alternate Priority Alert Plus Surcharge
704	Priority Alert Plus Surcharge
705	Standard List Priority Alert Plus Surcharge
706	Alternate Priority Alert Plus Surcharge
707	Package Content #1
708	Package Content #2
709	COD Financial Institution Name
712	Freight on Value
713	Freight to Collect Surcharge
714	Holiday Delivery Flag
715	Special Delivery Flag
716	Sunday Delivery Flag
717	Freight on Value Surcharge
718	Standard List Freight on Value Surcharge
719	Alternate Freight on Value Surcharge
720	Freight to Collect Surcharge
721	Standard List Freight to Collect Surcharge
722	Alternate Freight to Collect Surcharge
723	Holiday Delivery Surcharge
724	Standard List Holiday Delivery Surcharge
725	Alternate Holiday Delivery Surcharge
726	Special Delivery Surcharge
727	Standard List Special Delivery Surcharge
728	Alternate Special Delivery Surcharge
729	Sunday Delivery Surcharge
730	Standard List Sunday Delivery Surcharge
731	Alternate Sunday Delivery Surcharge
732	Extra Surface Handling Surcharge
733	Standard List Extra Surface Handling Surcharge

734	Alternate Extra Surface Handling Surcharge
741	Waybill Surcharge
742	Standard List Waybill Surcharge
743	Alternate Waybill Surcharge
744	India Service Tax
746	Hold at Location Surcharge
747	Standard List Hold at Location Surcharge
748	Alternate Hold at Location Surcharge
749	Fully Regulated Dangerous Goods (FDG) Surcharge
750	Limited Quantities Dangerous Goods (LDG) Surcharge
751	Standard List Fully Regulated Dangerous Goods (FDG) Surcharge
752	Standard List Limited Quantities Dangerous Goods (LDG) Surcharge
753	Alternate Fully Regulated Dangerous Goods (FDG) Surcharge
754	Alternate Limited Quantities Dangerous Goods (LDG) Surcharge
1248	Sunday Delivery Flag
755	Pharmacy Delivery Indicator
759	Pay Type
760	Total Ancillary Fees and Taxes
761	Standard List Total Ancillary Fees and Taxes
762	Alternate Total Ancillary Fees and Taxes
763	Total Net Charge with Ancillary Fees and Taxes
764	Standard List Total Net Charge with Ancillary Fees and Taxes
765	Alternate Total Net Charge with Ancillary Fees and Taxes
1527	FICE Surcharge
1860	Standard List FICE Surcharge
1640	Alternate FICE Surcharge
2944	Recipient Address Line 3
2420	Sender Address Line 3
2804	Alternate Delivery and Returns Surcharge

Note: Field 3063 (GND UCC EAN Bar Code Data) is returned when doing Ground or Home Delivery; however, FedEx Ground® Economy does not return that field but instead uses Field 2418 (Delivery Confirmation Number). Best practice for generating the barcode is a FedEx Ground® Economy custom label.

13.4.4 How to configure Doc-Tabs

Use the 070 Meter Query or Configuration Request Transaction.

Refer FedEx Ship Manager® Server Transaction Coding Reference Guide for more information about this transaction.

Figure 40: FedEx Ground® Economy Enabled Doc-tab Settings screen

13.4.5 Print Total Doc Tab Label

The **Total** Doc Tab label for a Single-piece/Multi-piece shipment is an extra label that is generated after all individual labels are generated in the shipment. For an Open Ship shipment, Total DocTab Label is produced when the shipper confirms the shipment. This label contains doc tab section only.

To enable printing of the Total Doc Tab label,

- Open **FedEx Ship Manager® Server** configuration utility.

- Click the Doc Tab Setting tab.

- In Shipping Type, check the Print Total Doc Tab Label box for each shipping type – Export, Express and Ground – for which you want to print a label.

- Click Apply to apply your changes or click Apply & Exit to apply your changes and close the utility window.

Only fields related to total charges will have the total amounts for all pieces in that shipment printed on the Total Doc Tab label. Total charge fields include:

Base Rate Amount

Surcharge Amount

Net Charge Amount

Handling Charge Amount

13.4.6 Label customization

Customizing a Label allows you to create Labels that are more organized for your business without modifying the required FedEx layout.

The following field ID is supported for customized Label printing.

- 2833 - Doc-tab Customization

The following field IDs are modified to support Label customization:

- 2432 (Text String)

- 2429 (Custom Label Type Indicator)

- 2431 (Custom Label Y Position)

- 2438 (Ending Y)

Refer the FedEx Ship Manager® Server Transaction Coding Reference Guide for field description of the above fields.

FSMS enables you to request the masking of the Service Type and the Tracking Number on the Doc-tab via field ID 2833. This provides a blank Doc-tab that can be customized. Currently these two fields are automatically printed in the tag portion when a Doc-tab is requested. When Field ID 2833 is present in a transaction, the following configuration is enabled on the label based on other settings.

Table 147: Label configuration

Field ID 2833 (Doc-tab Customization) present	Field ID 2429 (Custom Label Type) present with valid value	Doc-tab Configuration Screen populated with Custom Doc tab fields 1-12	Doc-tab Appearance
Y = Yes	1,2,3,4, or 5	Yes	-Service Type & Track# masked -Custom Label Element printed -Doc-tab Config screen elements ignored
Y = Yes	1,2,3,4, or 5	No	-Service Type & Track# masked -Custom Label Element printed
Y = Yes	No	Yes or No	-Doc-tab totally blank
N= No	1,2,3,4, or 5	Yes	-Service Type & Track# printed -Custom Label Element printed

Field ID 2833 (Doc-tab Customization) present	Field ID 2429 (Custom Label Type) present with valid value	Doc-tab Configuration Screen populated with Custom Doc tab fields 1-12	Doc-tab Appearance
			-Doc-tab Config screen elements printed
N = No	1,2,3,4, or 5	No	-Service Type & Track# printed -Custom Label Element printed
N = No	No	Yes	-Service Type & Track# printed -Doc-tab Config screen elements printed

FSMS also enables you to add the following custom elements to the Doc-tab label via field ID 2429 (Custom Label Type Indicator). This includes all label stock that supports Doc-Tabs.

- Line
- Graphic
- Text Entry
- Bar Code
- Message

FSMS allows you to pass in the 'Message' text to be printed on the 8" or 9" thermal Label, within the 2" customized section of the Doc-tab.

13.5 How to print reference information on labels

This section describes the FSMS fields required when printing reference information on a label. It includes these topics:

Printing Reference Information on a FedEx Ground C.O.D. Return Label

Printing Reference Information on FedEx Ground Labels

Printing Reference Information on FedEx Express Labels

Printing Reference Information on FedEx Ground® Economy Labels

13.6 Print reference information on FedEx Ground C.O.D. Return label

Table 244 describes the transaction shipment-level fields and rules required to print reference information on a FedEx Ground C.O.D. Return label.

Table 148: Reference fields for FedEx Ground C.O.D. Return labels

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	Transaction: 020/120 Global Ship Request/Reply - Single Piece, Single Shot, Open Ship (regular and IDD Surface Canada only)
Shipment Purchase Order Number						
3001	Max=30	A	I	FDXG FDXT	C.O.D.	**Field level:** Shipment **Optional** **Description** - Specifies the purchase order number for the shipment. - Use Field 3001 to print the purchase order number on a Returns label. Use only for shipments of two or more packages to the same recipient. - This value prints on the thermal label. It is displayed in the P.O. # field on the FedEx Ground invoice. - Use this field only - For shipments of two or more packages to the same recipient. Use in Single Shot and Open Ship transactions. - In the same transaction with the other two shipment level reference number Fields: 3002 (Shipment Invoice Number) and 3003 (Shipment Customer Reference Information).
Shipment Invoice Number						
3002	Max=30	A	I/O	FDXG FDXT	C.O.D. FDXT	**Field level:** Shipment **Optional** **Description** - Specifies the invoice number of the shipment. - Use to Field 3002 to print the invoice number on a Returns label. Use only for shipments of two or more packages to the same recipient. - This value prints on the thermal label.

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020/120 Global Ship Request/Reply - Single Piece, Single Shot, Open Ship (regular and IDD Surface Canada only)
						• Use this field for shipments of two or more packages to the same recipient. Use in Single Shot and Open Ship transactions. • This field can be used in the same transaction with the other two shipment level reference number Fields: 3001 (Shipment Purchase Order Number) and 3003 (Shipment Customer Reference Information).
Shipment Customer Reference Information						
3003	Max=30	A	I/O	FDXG FDXT	C.O.D.	**Field level:** Shipment **Optional** **Description** • Specifies additional customer information for the shipment. • Use Field 3003 to print customer reference information in the Customer Reference area of the invoice. Use only for shipments of two or more packages to the same recipient. • This field can only be used for shipments of two or more packages to the same recipient. Use in single shot and Open Ship transactions. • This field can be used in the same transaction with the other two shipment level reference number Fields: 3001 (Shipment Purchase Order Number) and 3002 (Shipment Invoice Number). • This value is displayed in the Customer Reference field of the invoice.
Ground C.O.D. Return Reference Indicator						
3045	Max=1	A/N	I/O	FDXG FDXT	C.O.D.	**Field level:** Shipment or Package **Optional** **Description** • Specifies the Requests reference

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020/120 Global Ship Request/Reply - Single Piece, Single Shot, Open Ship (regular and IDD Surface Canada only)

						information to print in the Reference Number field of the Ground C.O.D. Return Label.
						
						 • Valid values are:
						     o 0 — Tracking number (default)
						     o 1 — Reference (requires Field 3003)
						     o 2 — Purchase Order number (requires Field 3001)
						     o 3 — Invoice number (requires Field 3002)
						
						 • If any value other than 0, 1, 2, or 3 is entered, the value defaults to the FedEx tracking number.

13.6.1 Print Reference Information - FedEx Ground labels

Table 149: Reference fields for FedEx Ground labels

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Transaction: 020/120 Global Ship Request/Reply
Reference Information						
25-#	Max=39	A	I/O	FDXG	All	**Field level:** Package **Optional** **Description** • Use this field for customer reference number CRN (FedEx Ground). • This field must not be used if a shipment-level customer reference number (CRN) is assigned in Field 3003 (Shipment Customer Reference Information). • This field value prints on the Customer Reference field on the FedEx Ground invoice and on the shipping label $AW.

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description Transaction: 020/120 Global Ship Request/Reply
				Carrier Code (Services)	Valid for	
						• This value prints on the FedEx Express shipping label, various reports, and the FedEx Express Shipper's Declaration for Dangerous Goods 1421C form. This value also is displayed in the Customer Reference field on the FedEx Ground invoice. • Use this field in single piece, single shot or Open Ship transaction. *Note: All package or shipment level Reference fields are available for use for shipments: package level 3056, 3057, and 25, or shipment level 3001, 3002, and 3003. If both are present in the transaction, shipment level fields take precedence. Ground® Economy does not support shipment level fields*
Package Purchase Order Number						
3056	Max=30	AKE	I/O	FDXG	All	**Field level:** Package **Optional** **Description** • When used to create or print a bill of lading (BOL), this prints in the Purchase Order # section of the BOL. Each additional BOL order number prints directly below each article description. Field 3056 is the only field that supplies the full set for the BOL. • For FedEx Ground intra-U.S. and international: this field prints the package purchase order number to a thermal label. • For intra-U.S., intra-CA, and intra-MX this is displayed in the P.O. # field on the FedEx Ground invoice.
Package Invoice Number						
3057	Max=30	A	I/O	FDXG	All	**Field level:** Package **Optional** **Description** • Prints the package invoice number on the thermal label.

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description Transaction: 020/120 Global Ship Request/Reply
				Carrier Code (Services)	Valid for	
						• For intra-U.S., intra-CA and intra-MX this is displayed on the FedEx Express laser and image labels. It is displayed in the Ref. #3 field on the FedEx Express invoice. *Note: All package or shipment level Ground Reference fields are available for use for shipments: package level 3056, 3057, and 25, or shipment level 3001, 3002, and 3003. If both are present in the transaction, shipment level fields take precedence. Ground® Economy does not support shipment level fields.*

13.6.2 Print reference information - FedEx Express labels

If you need to display additional information for your shipment on the shipping label or the FedEx invoice, the 020 Global Ship Request transaction fields in Table 246 may be added to your shipping transaction.

Table 150: Reference fields for FedEx Express reference information

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description Transaction: 020 Global Ship Request
				Carrier Code (Services)	Valid for	
Reference Information						
25-#	Max=39	A/N	I	FDXE	All	**Field level:** Package **Optional** **Description** • Use this field for optional notes (FedEx Express) and customer reference number CRN (FedEx Ground). • For FedEx Express International MPS, this is a shipment-level field. • For all other services, this field is a package-level field and must not be used if a shipment-level customer reference number (CRN) has been assigned in Field 3003 (Shipment Customer Reference Information). • This field prints on the FedEx Express shipping label, various reports, and the

| Field ID | Field length | Data type | Input\ Output | FedEx shipping | | Description Transaction: 020 Global Ship Request |
				Carrier Code (Services)	Valid for	
						FedEx Express Shipper's Declaration for Dangerous Goods 1421C form (FedEx Express 1421C or LZR DG DEC FORM. This value is also displayed in the Customer Reference field on the FedEx Ground invoice.
						Note: All package or shipment level Reference fields are available for use for shipments: package level 3056, 3057, and 25, or shipment level 3001, 3002, and 3003. If both are present in the transaction, shipment level fields take precedence. Ground® Economy does not support shipment level fields.
Sender/Origin Department						
38	Max=30	A	I	FDXE	All	**Field level:** Shipment **Optional** **Description** • Indicates the department name of sender or shipping origin. Use to override the default origin department setting in the FSMS Configuration Utility. • When used in the 020 Global Ship Request transaction, the name prints on all shipping details. • For FedEx Ground shipments, it prints on the invoice.
Shipment Purchase Order Number						
3001	Max=30	A	I	FDXE	U.S. CA MX	**Field level:** Shipment **Optional** **Description** • Specifies the purchase order number for the shipment. • Use Field 3001 to print the purchase order number on a Returns label. Use only for shipments of two or more packages to the same recipient. • This value prints on the thermal label. For intra-U.S., intra-CA, and intra-MX this is

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description Transaction: 020 Global Ship Request |
				Carrier Code (Services)	Valid for	
						displayed on the FedEx Express laser and image labels. It is displayed in the Ref. #2 field on the FedEx Express invoice and P.O. # field on the FedEx Ground invoice. • This field can be used only for shipments of two or more packages to the same recipient. Use in single shot and Open Ship transactions. • This field can be used in the same transaction with the other two shipment level reference number Fields: 3002 (Shipment Invoice Number) and 3003 (Shipment Customer Reference Information)
Shipment Invoice Number						
3002	Max=30	A	I	FDXE	All	**Field level:** Shipment **Optional** **Description** • Specifies the invoice number of the shipment. • Use to Field 3002 to print the invoice number on a Returns label. Use only for shipments of two or more packages to the same recipient. • This value prints on the thermal label. For intra-U.S., intra-CA, and intra-MX this is displayed on the FedEx Express laser and image labels. It is displayed in the Ref. #3 field on the FedEx Express invoice. • Use this field for shipments of two or more packages to the same recipient. Use in single shot and Open Ship transactions. • This field can be used in the same transaction with the other two shipment level reference number Fields: 3001 (Shipment Purchase Order Number) and 3003 (Shipment Customer Reference Information).

| Field ID | Field length | Data type | Input\Output | FedEx shipping | | Description
Transaction: 020 Global Ship Request |
				Carrier Code (Services)	Valid for	
Package Purchase Order Number						
3056	Max=30	AKE	I	FDXE	U.S. CA MX	**Field level:** Package **Optional** **Description** • When used to create or print a bill of lading (BOL), this prints in the Purchase Order # section of the BOL. Each additional BOL order number prints directly below each article description. Field 3056 is the only field that supplies the full set for the BOL. • For FedEx Ground intra-country and international: this field prints the package purchase order number to a thermal label. • For intra-U.S., intra-CA, and intra-MX this is displayed on the FedEx Express laser and image labels. It is displayed in the Ref. #2 field on the FedEx Express invoice and P.O. # field on the FedEx Ground invoice.
Package Invoice Number						
3057	Max=30	A	I	FDXE	U.S. CA MX	**Field level:** Package **Optional** **Description** • Prints the package invoice number on the thermal label. • For intra-U.S. and intra-CA, this is displayed on the FedEx Express laser and image labels. It is displayed in the Ref. #3 Field ID on the FedEx Express invoice. • For shipping, use Single Shot, Single Piece, Openship, or MPS. *Note: All package or shipment level Ground Reference fields are available for use for shipments: package level 3056, 3057, and 25, or shipment level 3001, 3002, and 3003. If both are present in the transaction, shipment level fields take precedence. Ground® Economy does not support shipment level fields.*

Note: These fields can also be configured to print on the thermal label doc-tab.

13.6.3 Print reference information - FedEx Ground® Economy labels

Table 151: Reference fields for FedEx Ground® Economy labels

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description Transaction: 020 Global Ship Request
				Carrier Code (Services)	Valid for	
Reference Information						
25-#	Max=39	A/N	I	FDXE	All	**Field level:** Package **Optional** **Description** • Use this field for optional notes (FedEx Express) and customer reference number CRN (FedEx Ground). • For FedEx Express International MPS, this is a shipment-level field. • For all other services, this field is a package-level field and must not be used if a shipment-level customer reference number (CRN) has been assigned in Field 3003 (Shipment Customer Reference Information). • This value prints on the FedEx Express shipping label, various reports, and the FedEx Express Shipper's Declaration for Dangerous Goods 1421C form. This value is also displayed in the Customer Reference field on the FedEx Ground invoice and on the shipping label $AW. *Note: All package or shipment level Reference fields are available for use for shipments: package level 3056, 3057, and 25, or shipment level 3001, 3002, and 3003. If both are present in the transaction, shipment level fields take precedence. Ground® Economy does not support shipment level fields.*
RMA Number						

Field ID	Field length	Data type	Input\ Output	FedEx shipping		Description Transaction: 020 Global Ship Request
				Carrier Code (Services)	Valid for	
2210	Max=20	A	I	FDXE FDXG FXGE		**Field level:** Shipment **Optional** **Description** • Specify the Return Materials Authorization (RMA) number. • If used, the RMA number is printed on the label and uploaded to FedEx systems. It is then available for tracking and is included on the customer invoice. *Note: Used only for Ground® Economy Returns.*
Package Purchase Order Number						
3056	Max=30	AKE	I	FDXE	U.S. CA MX	**Field level:** Package **Optional** **Description** • When used to create or print a bill of lading (BOL), this prints in the Purchase Order # section of the BOL. Each additional BOL order number prints directly below each article description. Field 3056 is the only field that supplies the full set for the BOL. • For FedEx Ground intra-country and international: this field prints the package purchase order number to a thermal label. • For intra-U.S., intra-CA, and intra-MX this is displayed on the FedEx Express laser and image labels. It is displayed in the Ref. #2 field on the FedEx Express invoice and P.O. # field on the FedEx Ground invoice.
Package Invoice Number						
3067	Max=30	A	I	FDXE	U.S. CA MX	**Field level:** Package **Optional** **Description** • Prints the package invoice number on the thermal label.

| Field ID | Field length | Data type | Input\ Output | FedEx shipping | | Description Transaction: 020 Global Ship Request |
				Carrier Code (Services)	Valid for	
						• For intra-U.S. and intra-CA, this is displayed on the FedEx Express laser and image labels. It is displayed in the Ref. #3 Field ID on the FedEx Express invoice. • For shipping, use Single Shot, Single Piece, Openship, or MPS. *Note: All package or shipment level Ground Reference fields are available for use for shipments: package level 3056, 3057, and 25, or shipment level 3001, 3002, and 3003. If both are present in the transaction, shipment level fields take precedence. Ground® Economy does not support shipment level fields.*

13.7 How to customize labels

FedEx Ship Manager® Server allows customers to create either custom labels or to customize the existing FedEx labels.

- Custom Labels are not FedEx shipping labels and are used to print customer-selected information on labels that accompany the normal FedEx shipping label.

- Customizable Labels are labels in which the customers add their own elements (graphics of company logos, website addresses, etc.) to an area of the standard 4" x 8" or 4" x 9" label.

13.7.1 Customizable labels

Add custom information to a label produced by FSMS in the customizable section of a label when using 4" x 8" or 4" x 9" label stock. The shipping application passes the custom information to FSMS which builds the label containing the custom information that is already passed in the transaction.

FedEx Ship Manager® Server provides two options for customizing your shipping label. You can:

- Place the PNG 4" x 6" label graphic into your label stock. For example, you can create a packing list on an 8-1/2" x 11" form. As part of this form, you can also place the 4" x 6" PNG label graphic instead of creating a custom label of your own.

- Add a graphic or text file to the 4" x 8" or 4" x 9" thermal label. This label size provides 1.5" of blank space.

13.7.2 Thermal customizable labels

Use a customizable section of the 4" x 8" or 4" x 9" thermal label to customize the label. The 4" x 9" label has a doc-tab, but the 4" x 8" label does not.

Using this method to customize a label eliminates the need to build a label from beginning. Also, you are not required to submit a thermal label with a customized section for FedEx validation. Only the FedEx 1D label is customizable in this way.

This method of Customization is only applicable to the thermal label printed on a thermal printer set to 203 dpi (dots per inch) and the feature is available for FedEx Ship Manager® Server version 8.2 (or higher).

Table 152: Label format Value/Printer type indicator

Field ID	Field length	Data Type	Input/ Output	FedEx shipping		Description Transactions: 020 Global Ship Request
				Carrier Code (Services)	Valid for	
Label Format Value/Printer Type Indicator						
187	Max=3	A	I	FDXE FDXG	All	**Field level:** Shipment **Required** **Description** • Label Format Value/Printer Type Indicator field allows you to enter the value that

Field ID	Field length	Data Type	Input/ Output	FedEx shipping		Description Transactions: 020 Global Ship Request
				Carrier Code (Services)	Valid for	
						corresponds to the label format to print or label buffer to save. Each label format / printer type combination has a specific code. • *Required if Field 1282 specifies value T (Thermal label), F (Thermal label buffer to multiple files) or S (Thermal label buffer to single file). • The label buffer string is returned in Field 188 (Label Buffer String). • Valid values:

199-Eltron LP2348/ LP2443 4 x 6 Doc tab	**188**-Zebra DA402 4 x 6 Doc tab
388–Zebra 4 x 8	**488**–Zebra 4 x 9
299-Eltron LP2348/ LP2443 4 x 6 Non Doc tab	**288**-Zebra DA402 4 x 6 Non Doc tab
399–Eltron/Zebra EPL 4 x 8	**499**– Eltron/Zebra EPL 4 x 9
PNG–Portable Network Graphics	**46L**-4 x 6 PNG
48L- 4x8 PNG	**49L**- 4x9 PNG
4QL-3.5x5 PNG	**67L**-4x6.75 PNG
CLS-Deferred Label	**DIB**–Laser Labels
46D- 4x6 DIB	**48D**- 4x8 DIB
49D- 4x9 DIB	**4QD**-3.5x5 DIB
PDF -4x6 PDF Label Image with Instructions for 8 ½ x 11 stock	**46P**- 4x6 PDF Label Image with white space for 8 ½ x 11 stock
46T- 4x6 PDF Label Image for 4x6 stock	**48T**-4x8 PDF Label Image for 4x8 stock
49T- 4x9 PDF Label Image for 4x9 stock	**48P**- 4x8 PDF Label Image with

Field ID	Field length	Data Type	Input/ Output	FedEx shipping		Description Transactions: 020 Global Ship Request
				Carrier Code (Services)	Valid for	
						white space, for 8 ½ x 11 stock	
						49P- 4x9 PDF Label Image with white space for 8 ½x 11 stock	**4QP-**3.5x5 PDF
						67P- 4x6.75 PDF Label Image for 4x6.75 stock	**588** - Zebra 4 x 8.5
						599 - Eltron 4 x 8.5	**688 -** Zebra 4 x 10.5
						699 - Eltron 4 x 10.5	

In the 4" x 1.5" customizable section of the 4" x 8" or 4" x 9" label you can enter a line, a barcode, text or a graphic image. FedEx does not validate the appearance of the customizable section nor the fields used to create that portion of the label.

Table 153: Fields used to customize thermal labels in 020 Global Ship Request

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Service	Valid for	
Custom Label Type Indicator						
2429-#	Max=2	N	I	FDXE FDXG	All	**Field level:** Package **Required** **Description** • This is required when using custom labels. • Use to identify type of data element for the customizable portion of the 4" x 8" or 4" x 9" thermal label. • Maximum of twelve (12) occurrences allowed. • Valid values are o 01 — Line o 02 — Graphic o 03 — Text Entry o 04 — Bar Code o 05 — Message *Note: When creating the 2" customizable section on the shipping label and when creating the Doc tab, the following existing tags should be passed when 05 — Message is present in the transaction:* • 2430 - Custom Label X Position • 2431 - Custom Label Y Position • 2432 - Text String • 2433 - Arguments (optional) • 2434 - Thermal Font ID • 2437 - Ending X • 2438 - Ending Y
Custom Label X Position						
2430-#	Max=5	N	I	FDXE FDXG	All	**Field level:** Package **Required** **Description** • Defines the X-coordinate for the placement of the beginning of the

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Service	**Valid for**	
						customizable entry.
						• *Required when using Field 2429 (Custom Label Type Indicator) with valid value.
						• Occurrence # must match occurrence # of Field 2429.
Custom Label Y Position						
2431-#	Max=5	N	I	FDXE FDXG	All	**Field level:** Package **Required** **Description** • Defines the Y-coordinate for the placement of the beginning of the customizable entry. • *Required when using Field 2429 (Custom Label Type Indicator) with valid value. • Occurrence # must match occurrence # of Field 2429.
Text String						
2432-#	Max=400	A	I	FDXE FDXG FXGE FXFR	All	**Field level:** Package **Required** **Description** • Indicates the text string to be printed in the customizable section. It can also include format specifiers. • *Required when using Field 2429 (Custom Label Type Indicator) with value of 03 or 04. • Occurrence # must match occurrence # of Field 2429. • Alphanumeric with no special characters. • User can include specific text to print using this tag or can use the string "%s" in conjunction with tag 2433 to have values from the provided tag numbers in 2433 print.
Arguments						

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Service	Valid for	
2433-#	FDXE and FDXG Max=35 FXGE Max=30	A	I	FDXE FDXG	All	**Field level:** Package **Required** **Description** • Enter a comma delimited list of tags. • *Required when using Field 2429 (Custom Label Type Indicator) with value of 03 or 04. • This tag is only required when tag 2432 has been included with the string of "%s". The %s string triggers the formatting code to print the values from the tags provided rather than the exact value. • Occurrence # must match occurrence # of Field 2429. • Alphanumeric with no special characters.
Thermal Font ID						
2434-#	Max=3	A	I	FDXE FDXG	All	**Field level:** Package **Required** **Description** • This is a Logical font that is translated to the appropriate printer font. • *Required when using custom labels. • Occurrence # must match occurrence # of Field 2429.
Graphic Location						
2436-#	Max=3	A	I	FDXE FDXG	All	**Field level:** Package **Required** **Description** • Logical memory location on the thermal printer where the graphic is stored. • Images must be loaded to the thermal printer to print on a custom label and that is the memory location that must be provided in this tag. You cannot reference a memory location on the CPU or server as this tag looks for the location on the

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Service	Valid for	
						actual printer.
						• *Required when using Field 2429 (Custom Label Type Indicator) with value of 02.
						• Occurrence # must match occurrence # of Field 2429.
Ending X						
2437-#	Max=5	N	I	FDXE FDXG	All	**Field level:** Package **Required** **Description** • Defines the X-coordinate for the end of the customizable entry. • *Required when using Field 2429 (Custom Label Type Indicator) with value of 01. • Valid values: non-negative integer only. • Occurrence # must match occurrence # of Field 2429.
Ending Y						
2438-#	Max=5	N	I	FDXE FDXG	All	**Field level:** Package **Required** **Description** • Defines the Y-coordinate for the end of the customizable entry. • *Required when using Field 2429 (Custom Label Type Indicator) with value of 01. • Occurrence # must match occurrence # of Field 2429.
Bar Code Height						
2439-#	Max=5	N	I	FDXE FDXG	All	**Field level:** Package **Required** **Description** • Height of the barcode in inches divided by the vertical printer DPI (dots per inch). • Required when using Field 2429 (Custom

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Service	Valid for	
						• Label Type Indicator) with value of 04. • Valid values: non-negative integer only. • Occurrence # must match occurrence # of Field 2429.
Thin Bar Width/Milspec						
2440-#	Max=5	N	I	FDXE FDXG	All	**Field level:** Package **Required** **Description** • Width in dots of the thinnest bar in the barcode. The thinnest barcode value entered can be divided by the printer's dpi (dots per inch) to derive milspec. • *Required when using Field 2429 (Custom Label Type Indicator) with value of 04. • Valid values: non-negative integer only. • Occurrence # must match occurrence # of Field 2429.
Bar Code Type						

2441-#	Max=2	N	I	FDXE FDXG	All	**Field level:** Package
						Required
						Description
						• Type of barcode requested on the customizable portion of the label.
						• *Required when using Field 2429 (Custom Label Type Indicator) with value of 04.
						• Occurrence # must match occurrence # of Field 2429.
						• Valid values are:
						  o 01 — PDF 417
						  o 02 — Code128B
						  o 03 — Code128C
						  o 04 — CODABAR
						  o 05 — UCC 128

Field ID	Field length	Data type	Input/ Output	FedEx shipping		Description
				Service	**Valid for**	
						o 06 — POSTNET
						o 07 — Code39
						o 08 — Code 128
						o 09 — Code 128 Widebar
						o 10— QR Code
						o 11— Interleaved 2 of 5
						o 12— Code 93
Custom Label Relative Position						

2831	Max=1	N	I	All	All	**Field level:** Shipment
						Required
						Description
						
						• This is required when Field ID 2429 (Custom Label Type Indicator) is populated.
						
						• Allows the customers to specify where to print custom section in relation to the FedEx-generated label text when shipping with an 8" or 9" thermal label.
						
						• Valid values are:
						   o 1— Above (default value)
						   o 2 — Below

13.7.3 Submitting custom labels for FedEx approval

Before you can produce custom labels in a production environment, FedEx must first test your custom labels to ensure that FedEx can scan them for routing and delivery.

To request the certification paperwork, contact Web Support 1.877.339.2774 (voice prompter: Web Services).

FedEx Express Label Approval

Submit custom FedEx Express labels to:

BARCODE ANALYSIS
BUSINESS SOLUTIONS TESTING
10 FEDEX PARKWAY
1ST FLOOR
COLLIERVILLE, TN 38017

You must submit one label sample for each FedEx service, such as FedEx Priority Overnight®, and so on.

After FedEx approves your labels you can proceed with custom label deployment.

FedEx Ground/FedEx Home Delivery Label Approval

Submit custom FedEx Ground and FedEx Home Delivery® labels to:

FEDEX GROUND
BARCODE ANALYSIS
1000 FEDEX DRIVE
MOON TOWNSHIP, PA 15108

You must submit five label samples for each FedEx Ground and/or FedEx Home Delivery service type you want to use. Additionally, ten consecutive incremental labels are required from each production printer you want to use. After FedEx approves your labels, you can proceed with custom label deployment.

13.8 Label transaction samples

All barcode strings required for creating custom FedEx Express or FedEx Ground labels are returned in the 120 Global Ship Reply for each Open Ship transaction.

The following transaction samples shows those fields included in a 020 Global Ship Request Open Ship transaction to return barcode strings from custom labels.

13.8.1 Shipment 1234 to Indianapolis from Sam's publishing

Shows Open Ship CREATE shipment transaction (541=YNNNNNNNN) submitted with Field 1282=B and Field 1660=Y to indicate a custom label. A preassigned tracking number in Field 1222 is optional and is not shown in this transaction sample.

0,"020"1,"CREATE SHIPMENT AND ADD FIRST PACKAGE"11,"SAM'S PUBLISHING"12,"RECIPIENT NAME"13,"201 WEST 103RD ST"15," INDIANAPOLIS"16,"IN"17,"46290"18,"1234567890"23,"1"25, "PACKAGE CR001"50,"US"498,""541,"YNNNNNNNN"542,"12345"1273,"01"1274,"92"1282,"B"1660, "Y"1670,"300"3001,"SHIPMENT PO10001"3057,"PACKAGE IN001"3062,"2"99,""

SHOWS OPEN SHIP ADD PIECE (541=NNNYNNNNN) TRANSACTION SUBMITTED WITH FIELD 1282=B AND 1660=Y TO INDICATE A CUSTOM LABEL.

0,"020"1,"ADD/RATE SECOND PACKAGE"25,"PACKAGE CR002" 50,"US"498,""541,"NNNYNNNNN"542, "12345"1273,"01"1274,"92"1282,"B"1660,"Y"1670,"500"3057,"PACKAGE IN002"3062,"2"99,""

SHOWS OPEN SHIP EDIT PIECE (541=NNNNYNNNN) TRANSACTION SUBMITTED WITH FIELD 1282=B AND 1660=Y TO INDICATE A CUSTOM LABEL.

0,"020"1,"EDIT SECOND PACKAGE"29,"192746389462591"50,"US"498,""541,"NNNNYNNNN"542, "12345"1273,"01"1274,"92"1282,"B"1660,"Y"1670,"800"99,"" SHOWS AN OPEN SHIP CONFIRM SHIPMENT TRANSACTION. FIELD 1282 AND FIELD 1660 MUST BE INCLUDED IN THE CONFIRM TRANSACTION.

0,"020"1,"CONFIRM OPEN SHIPMENT"50,"US"498,""541,"NNNNNNNNY"542,"12345"1274,"92"1282,
"B"1660,"Y"99,""

13.8.2 Shipment 23456 to Indianapolis from Sam's publishing

Shows Open Ship CREATE shipment and simultaneous RATE shipment transaction (541=YNYNNNNNN)
submitted with Field 1282=B and Field 1660=Y to indicate a custom label.

0,"020"1,"CREATE AND ADD FIRST PACKAGE, PREASSIGNED TRACKING NUMBER"11,"SAM'S
PUBLISHING"12,"RECIPIENT NAME"13,"201 WEST 103RD ST"15, "INDIANAPOLIS"16,"IN"17,"46290"18,
"1234567890"23,"1"25,"PACKAGE CR001"50,"US"498,""541,"YNYNNNNNN"542,"23456"1222,
"918273670100831"1273,"01"1274,"92"1282,"B"1660,"Y"1670,"300"3001,"SHIPMENT PO10001"3057,
"PACKAGE IN001"3062,"2"99,""

SHOWS OPEN SHIP ADD PACKAGE AND SIMULTANEOUS RATE SHIPMENT TRANSACTION
(541=NNYYNNNNN) SUBMITTED WITH A PREASSIGNED TRACKING NUMBER IN FIELD 1222.

0,"020"1,"ADD/RATE SECOND PACKAGE, PREASSIGNED TRACKING NUMBER"25,"PACKAGE CR002"
50,"US"498,""541,"NNYYNNNNN"542,"23456"1222,"918273670100848"1273,"01"1274,"92"1282,
"B"1660,"Y"1670,"500"3057,"PACKAGE IN002"3062,"2"99,""

SHOWS OPEN SHIP CONFIRM SHIPMENT TRANSACTION (541=NNNNNNNNY) SUBMITTED WITH FIELD
1282=B AND FIELD 1660=Y TO INDICATE A CUSTOM LABEL.

0,"020"1,"CONFIRM OPEN SHIPMENT"50,"US"498,""541,"NNNNNNNNY"542,"23456"1274,"92"1282,
"B"1660,"Y"99,""

13.8.3 Shipment 34567 to Indianapolis from Sam's publishing

SHOWS OPEN SHIP CREATE SHIPMENT TRANSACTION (541 = YNNNNNNNN) SUBMITTED WITH FIELD
1282=B AND FIELD 1660=Y TO INDICATE CUSTOM LABEL.

0,"020"1,"CREATE AND ADD FIRST PACKAGE, EXPRESS C.O.D."11,"SAM'S PUBLISHING"12,"RECIPIENT
NAME"13,"201 WEST 103RD ST"15, "INDIANAPOLIS"16,"IN"17,"46290"18,"1234567890"23,"1"25,
"PACKAGE CR001"27,"Y"50,"US"53,"15000"186,"Y"440,"Y"498,""541,"YNNNNNNNN"542,"34567"1273,
"01"1274,"01"1282,"B"1660,"Y" 1670,"450"3062,"2"99,""

SHOWS OPEN SHIP ADD PIECE (541 = NNNYNNNNN) TRANSACTION SUBMITTED WITH FIELD 1282=B
AND 1660=Y TO INDICATE CUSTOM LABEL.

0,"020"1,"ADD SECOND PACKAGE"25,"PACKAGE CR002"50, "US"498,""541,"NNNYNNNNN"542,
"34567"1273,"01"1274,"01"1282,"B"1660,"Y"1670,"500"3057,"PACKAGE IN002"3062,"2"99,""

SHOWS OPEN SHIP CONFIRM TRANSACTION (541=NNNNNNNNY) SUBMITTED WITH FIELD 1282=B
AND FIELD 1660=Y TO INDICATE CUSTOM LABEL.

0,"020"1,"CONFIRM OPEN SHIPMENT"50,"US"498,""541,"NNNNNNNNY"542,"34567"1274,"01" 1282,"B"
1660,"Y"99,""

13.9 FedEx label samples

This section shows samples of different FedEx labels required for FedEx shipping. All label illustrations shown are smaller than actual size. They include:

[FedEx Express U.S. Label](#)

[FedEx Freight Labels](#)

[FedEx Home Delivery Label](#)

[FedEx Ground HazMat Label](#)

[FedEx Ground® Economy Label with Ground® Economy Pickup Barcode](#)

FedEx International DirectDistribution Surface Solutions Labels [(see FedEx Express International DirectDistribution Label and FedEx Ground International DirectDistribution Label).](#)

13.9.1 FedEx Express U.S. label

As shown in FedEx Express U.S. Label the upper portion of the label is blank and is folded before insertion in the shipping pouch attached to the package.

Figure 41: FedEx Express U.S. label

Figure 42: FedEx Priority Overnight label sample for Express domestic shipment

13.9.2 FedEx Freight labels

Figure 43: FedEx Freight Priority label

Figure 44: FedEx Freight Economy label

Shipper:

Sender Company Name
Sender address

BLACKLICK, OH 43004
(976) 654 6407

Consignee: (987) 654 3210

FedEx Freight

Recipient Company Name

Recipient Address Line

BLACKLICK, OH 43004   (US)   F

J171016102000626

PRO: 4011901692   FedEx Freight Economy

BOL: BOL_123
PO: PO_123

Handling Units: 2
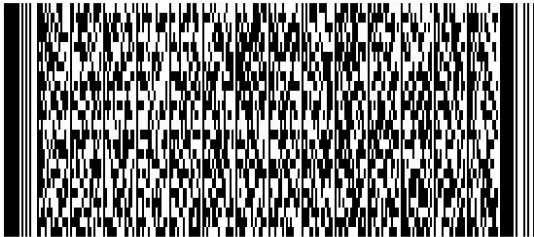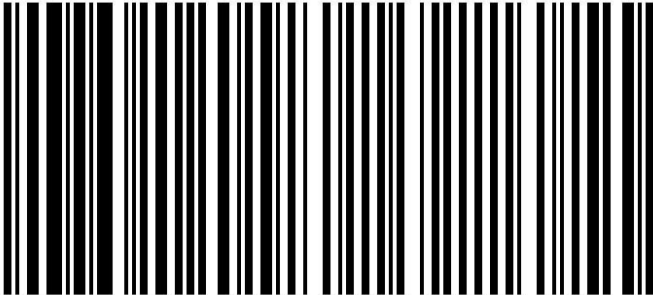
13.9.3 FedEx Home Delivery label

Figure 45: FedEx Home Delivery label

13.9.4 FedEx Ground HazMat label

Figure 46: FedEx Ground HazMat label

13.9.5 FedEx Ground® Economy labels

Refer to [FedEx Ground® Economy Labels](#) in Chapter 6: FedEx Ground® Economy for more information on FedEx Ground® Economy labels.

Figure 47: FedEx Ground® Economy label with Ground® Economy Pickup Barcode

Figure 48: FedEx Ground® Economy label with ground bar code

Figure 49: Ground® Economy Returns label

RETURN ADDRESS
19300 JANACEK CT

BROOKFIELD, WI 530456112

NO POSTAGE
NECESSARY IF
MAILED IN THE
UNITED STATES

RMA:

PARCEL SELECT RTN SVC
SMARTPOST   PERMIT NO. 77050-000

SMARTPOST / RETURNS
PARCEL RTN SVC
56950

J171016102003226-126052

NDC - USPS PARCEL RTN SVC

9202 3128 2123 6131 0788 01

F01

13.9.6 FedEx IDD surface solutions labels

Figure 50: FedEx Express International DirectDistribution label

Figure 51: FedEx Ground IDD label

FROM:

700 INDIAN SPRINGS DR

LANCASTER PA 17601
US

SHIP DATE: 30APR15
ACTWGT: 1.0 LB
CAD: 169523/FXRS1501

BILL SENDER

TO:

387 Main Street

Suite 107

New York NY 10001 (US)

538C2/8FC5/EE4B

REF: HAZ DSR GROUND

INV:
PO: DEPT:

FedEx Ground

G

J1512150128011uv

EMERGENCY #
9012639811

1 of 1
TRK# 5811 5739 2730   HAZ

MASTER ##   DSR

10001

9622 0302 0 (000 788 9722) 0 00 5811 5739 2730

13.10 Tracking Numbers

A common pool of tracking numbers is used for all FedEx Ground and FedEx Express services. FedEx Ship Manager® Server automatically populates the tracking number, pulling from the common pool. The tracking number is independent of the shipping service originating the shipment. Tracking numbers are available in two forms: Legacy numbers which include the Ground Account/Shipper Number (15 digits for Ground), and Enterprise tracking numbers (14 digits), which do not include Ground Account/Shipper Number.

The **Barcode Type** drop-down menu (for Ground Options) contain the values to set the type of barcode. Select options on the Meter Settings tab, as shown in this figure.

- FEDEX 1D for the enterprise operating-company independent 14-digit tracking number

- GROUND for the FedEx Ground Legacy 14-digit tracking number.

Figure 52: Meter Settings screen

Customers that have a Ground Shipper Number less than 8 digits continue to maintain the existing Ground tracking number range. FedEx account representatives determines utilization of Ground tracking numbers.

13.10.1 Monitoring FedEx Ground Tracking Numbers

You can use the FSMS Configuration Utility to monitor the FedEx Ground tracking numbers you assign.

To monitor FedEx Ground tracking numbers:

1. Open the **FedEx Configuration Utility**.

2. Click the **Tracking Numbers** tab.

3. Select the parent meter Number in the upper left corner.

4. Find the Ground Tracking Numbers Prefixes section in the middle of the screen. This section shows the FedEx Ground accounts and tracking number ranges for the meter number you selected above in Step 3. The FedEx Ground tracking number range field (Start, End, Current) values must be specific to each FedEx Ground account on your system. Use the setting descriptions in Table 250 to guide your entries.

Table 154: FedEx Ground Tracking Number Settings

Configuration Setting	Descriptions
GRD Account #	Ground-enabled account numbers. If the meter you select is not Ground-enabled, no accounts display
Start	Tracking number at start of range. Valid number for first digit is 1–9. Default = 7000001
End	Tracking number at end of range. Valid number for first digit is 1–9. Default = 9999999
Current	Last tracking number assigned for the account. Valid number for first digit is 1–9.

Note: You cannot edit account or tracking numbers.

5. When you are ready, click **Exit** to close the FedEx Configuration Utility.

*Note: The **Ground Tracking Numbers Prefixes** field is password protected. If you want to perform the following tasks, contact FedEx support: 1.877.339.2774:*

- *Copy Range to All Accounts—Copy a specified Ground Tracking Number range to all Ground Accounts on the system.*

- *Edit—Edit the Ground Tracking Number range for a selected Ground Account Number.*

- *Reset Range to Default—Reset the Ground Tracking Number range to the default range for a selected Ground Account Number.*

Figure 53: Tracking Numbers tab screen

14 FedEx shipping forms and reports

FedEx Ship Manager® Server (FSMS) supports your shipping activities by allowing you to print or save reports. Using FSMS, you can create Shipping Reports with detailed shipment data and Customs Reports and manifest documents that are required to ship.

14.1 FedEx shipping reports

FSMS provides a variety of standardized reports to streamline and manage shipping operations. In addition to standard FSMS reports, you can use the Ship History Database to create the customized reports.

FSMS allows you to reprint reports using the Report Viewer Utility, which is included as part of the FSMS software installation.

14.1.1 List of available FedEx shipping reports

FSMS provides pre-defined reports for different types of shipping requirements. The following tables show the shipping reports available from FSMS.

FedEx Domestic Reports

Table 155: FedEx Domestic reports

Title	Creation Time	Print Formats	Export to Directory	Multiple Copies	Paper Size
Domestic Courier Report	Close	RTF, PDF, DOC, TXT	Yes	Yes	8-1/2" x 11"
Domestic Invoice Report	Close	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11"
Domestic Shipments Report	Close	RTF, PDF, DOC, TXT	Yes	No	8-1/2"x 11"
Domestic EOD TransOut Report	Close	Export to File Only	Yes	No	8-1/2" x 11"
Domestic Express Dangerous Goods 1421C	Ship Time	Multiply Form Only	No	Multi-ply copies only	8-1/2" x 11"
Domestic FedEx Freight Bill of Lading (Uniform BOL)	Ship Time	RTF, PDF, DOC, TXT	Yes	Yes	8-1/2" x 11"
Domestic VICS BOL	Ship Time	PDF	Yes	Yes	8-1/2" x 11"

Note: If "No Ship-time Rates" option is selected on the Meter Settings tab, the following reports are generated with No Rates in the total file:

- *Domestic Courier Report*
- *Domestic Invoice Report*
- *Domestic Shipment Report*
- *Domestic EOD TransOut Report*

FedEx International Reports

Table 156: FedEx International reports

Title	Creation Time	Print Formats	Export to Directory	Multiple Copies	Paper Size
International Courier Report	Close	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4
International Invoice Report	Close	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4
International Shipment Detail Report	Ship Time	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4
International Commercial Invoice	Ship Time	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4
International Visa Manifest	Close	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4
International Invoice Combined Invoice	Close	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4
International EOD TransOut Report	Close	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4
International Pro forma Invoice	Ship Time	RTF, PDF, DOC, TXT	Yes	Yes	8-1/2" x 11" A4
International Certification of Origin	Ship Time	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4
International Express Dangerous Goods 1421C	Ship Time	Multi-ply Form Only	No	Multi-ply copies only	8-1/2" x 11"
International Express Returns Report	Ship Time	RTF, PDF, DOC, TXT	Yes	Yes	8-1/2" x 11" A4
International Ground Returns Report	Ship Time	RTF, PDF, DOC, TXT	Yes	Yes	8-1/2" x 11" A4

Title	Creation Time	Print Formats	Export to Directory	Multiple Copies	Paper Size
FedEx Express Batch Upload Failure	Close	RTF, PDF, DOC, TXT	Yes	Yes	8-1/2" x 11"

Note: FedEx Ground "International Detail Report" is requested through Field 2404.

If "No Ship-time Rates" option is selected on the Meter Settings tab, the following reports re generated with no rates in the total fields on the reports:

- International Courier Report
- International Invoice Report
- International Shipment Detail Report
- International Visa Manifest
- International Invoice Combined Invoice
- International EOD TransOut Reports

FedEx Ground Reports

Table 157: FedEx Ground reports

Title	Creation Time	Print Formats	Export to Directory	Multiple Copies	Paper Size
Pickup Manifest	Close	RTF, PDF, DOC	Yes	No	8-1/2" x 11"
Multiweight Delivery Detail	Close	RTD, PDF, DOC	Yes	No	8-1/2" x 11"
Multiweight Package Detail	Close	RTD, PDF, DOC	Yes	No	8-1/2" x 11"
Multiweight Shipment Detail by Postal Code	Close	RTF, PDF, DOC	Yes	No	8-1/2" x 11"
Multiweight Shipment Detail by Zone	Close	RTF, PDF, DOC	Yes	No	8-1/2" x 11"
Multiweight Shipment C.O.D. Detail	Close	RTF, PDF, DOC	Yes	No	8-1/2" x 11"
Multiweight Shipment Declared Value Detail	Close	RTF, PDF, DOC	Yes	No	8-1/2" x 11"
Hazardous Materials Certification Report	Close	RTF, PDF, DOC	Yes	No	8-1/2" x 11"
C.O.D. Report	Close	RTF, PDF, DOC	Yes	No	8-1/2" x 11"

Title	Creation Time	Print Formats	Export to Directory	Multiple Copies	Paper Size
Shipment Detail Report (International shipments only)	Ship Time	RTF, PDF, DOC, TXT	Yes	Yes	8-1/2" x 11"
Certification of Origin	Ship Time	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4
Consolidated Commercial Invoice	Ship Time	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4
USMCA/T-MEC/CUSMA COO	Ship Time	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4
Domestic EOD	Close	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4
International EOD	Close	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4
IG/IGD/IGC CCI	Close	RTF, PDF, DOC	Yes	No	8-1/2" x 11"
FedEx Ground Batch Upload Failure	Close	RTF, PDF, DOC, TXT	Yes	Yes	8-1/2" x 11"

FedEx Ground No Ship time Rates Reports

If "No Ship-time Rates" option is selected on the Meter Settings tab, the reports listed in the following table are generated with no rates in the total fields on the reports.

Table 158: FedEx Ground No ship time Rates reports

C.O.D. Report	Multiweight Detail by Zone
Domestic EOD	Multiweight Package Detail
Hazardous Materials Certification Report	Multiweight Shipment C.O.D. Detail
International EOD	Multiweight Shipment Declared Value Detail
Pickup Manifest	Multiweight Shipment Detail by Postal Code
Multiweight Delivery Detail	Shipment Detail Report

FedEx Distributor (IPD/IDF) Reports

The FedEx Distributor (IPD/IED) report section is available only if you have purchased FedEx International Priority DirectDistribution® and/or FedEx International Economy DirectDistribution℠ (IED) services on contract.

FedEx International DirectDistribution Surface Solutions Reports

Table 159: FedEx Distributor (IDP/IDF) reports

Title	Creation Time	Print Formats	Export to Directory	Multiple Copies	Paper Size
CRN Report	Close	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4
Customs Packing List	Ship Time	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4
CCI	Ship Time	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4
VISA Manifest	Close	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4
CRN Report	Close	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4
Customs Packing List	Ship Time	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4
CCI	Ship Time	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4
VISA Manifest	Close	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4

The FedEx® International DirectDistribution Surface Solutions Reports section is available only if you have purchased this service on contract.

Table 160: FedEx International DirectDistribution surface solutions reports

Title	Creation Time	Print Formats	Export to Directory	Multiple Copies	Paper Size
IDD Surface PAPS Manifest	Close	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4
IDD Surface CCI	Ship Time	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4
IDD Surface CI for Express/Ground	Ship Time	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4
IDD Surface Domestic Express Courier Report	Close	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4

Title	Creation Time	Print Formats	Export to Directory	Multiple Copies	Paper Size
IDD Surface International Invoice	Close	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4
IDD Surface Ground Manifest	Close	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4
IDD Surface Ground Commercial Invoice	Ship Time	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4
IDD Surface International Shipper's Declaration for DG INTL1421C	Ship Time	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4

FedEx Dangerous Goods Reports

Table 161: FedEx Dangerous Goods reports

Title	Creation Time	Print Formats	Export to Directory	Multiple Copies	Paper Size
Express Dangerous Goods 1421C	Ship Time	PDF	No	No	8-1/2" x 11"
Shipper's Declaration for DG (CA1421C)	Ship Time	RTF, PDF, DOC, TXT	No	No	8-1/2" x 11" A4
Shipper's Declaration for Radioactive DG	Ship Time	RTF, PDF, DOC, TXT	No	No	8-1/2" x 11" A4
Ground OP-900	Ship Time	RTF, PDF, DOC, TXT	Yes	No	8-1/2" x 11" A4
Hazardous Materials Certification (OP-950)	Ship Time	RTF, PDF, DOC	Yes	Yes	8-1/2" x 11"

FedEx Ground® Economy Reports

Table 162: FedEx Ground® Economy reports

Title	Creation Time	Print Formats	Export to Directory	Multiple Copies	Paper Size
Detail Report	Close, 070/170 or 095/195	RTF, PDF, DOC, TXT			
Manifest Report	Close, 070/170 or 095/195	RTF, PDF, DOC, TXT			

Title	Creation Time	Print Formats	Export to Directory	Multiple Copies	Paper Size
Returns Report	On demand, 070/170 or 095/195	RTF, PDF, DOC, TXT			

14.1.2 Common reports

FedEx Ground Commercial Invoice

The FedEx Ground Commercial Invoice is printed for all your FedEx Ground shipments. This Invoice is printed and uploaded by including Field 113 (Commercial Invoice Print and Upload Flag) in the FedEx Ground shipping transaction.

The Commercial Invoice (CI) contains the following shipment data:

- The type of buyers and associated shipments that qualify for Section 321 of the Tariff Act of 1930.

  Note: Merchandise stocks (except for textiles, waste and garbage shipments) valued at less than $200 U.S. Are released without entry or payment of duty.

- The type of buyers and associated shipments that qualify for Pre-Arrival Processing System (PAPA)

  Note: The Pre-Arrival Processing System (PAPS) is a U.S. Bureau of Customs and Border Protection (CBP) cross-border cargo release mechanism. This mechanism uses barcode technology to expedite the release of commercial shipments while processing each shipment through Border Cargo Selectivity (BCS) and the Automated Targeting System (ATS).

  A unique barcode label is attached in each PAPS shipment invoice and truck manifest, while the merchandise is still in Canada. The barcode consists of the U.S. Standard Carrier Alpha Code (SCAC) and Pro-Bill number. This information is later faxed ahead to the Customs broker in the U.S., who prepares a BCS entry in the Automated Commercial System (ACS). After the arrival of truck at border, the Customs Inspector scans the barcode, which automatically retrieves the entry information from ACS. If no examination is required, the Customs Inspector releases truck from the primary booth, reducing the carrier's wait time and easing congestion at the U.S. border.

FedEx Shipment Summary report

The FedEx Shipment Summary Report provides a total package count by service for all FedEx Express® and FedEx Ground® shipping within a given cycle. In addition, the Summary Report provides Total Packages Shipped and subtotals for the following categories:

- Domestic FedEx Express
- Domestic FedEx Express Freight
- International FedEx Express
- International FedEx Express Freight
- FedEx Ground
- FedEx Home Delivery®

Note: If "No Ship-time Rates" option is selected on the Meter Settings tab, the Shipment Summary Report is generated with no rates in the total fields on the reports.

End-of-Day Close Reports

FedEx Ship Manager® Server generates a group of End-of-Day reports when you close your shipping day. End-Of-Day Close reports are stored in an output directory destination (of your choice) and printed after the 007 End-Of-Day Close Request transaction is successfully completed.

Close By Reference

Close By Reference provides an alternative way to close your shipments. It allows you to identify only those packages that are finalized and subsequently upload that package data to FedEx. You can close intra-U.S. and including International FedEx Ground, FedEx Ground® Economy, and FedEx Express shipments by using at least one of the following customer reference fields.

- 25 — Reference Information/Package Customer Reference Number

- 3001 — Shipment Purchase Order Number

- 3002 — Shipment Invoice Number

- 3003 — Shipment Customer Reference Information

  Note: Shipment level fields 3001, 3002, and 3003 are not supported by Ground® Economy.

Close by Reference allows you to perform the following:

- To designate and use the actual reference field value (Customer Invoice, Invoice Number, or Purchase Order) to the group or to consolidate your shipments, while performing the 007/107 End-Of-Day Close transaction using the new Field ID 1798 (Reference Designation for Close).

- To designate the level of error messages (Warning, Hard Error) returned in a reply for unconfirmed Open Shipments, while performing the 007/107 End-Of-Day Close transaction using the new Field ID 1803 (Openship Verification Error Options).

- To designate configured close reports which are printed at Reference Confirmation, End of Day Close or for both when performing the new 017/117 Reference Confirmation Request/Reply transaction using the new Field ID 1804 (Report Print/Generation Options).

Define the time that the daily shipments should automatically close by specifying the time in the Auto Close Time field on the Meter Settings tab. Select the Reference Confirmation checkbox on the Report Settings tab in the FedEx Configuration to use the new 017/117 Reference Confirm Request/Reply transaction to print configured reports for all packages containing Field ID 1798 (Reference Designation for Close) and at least one designated reference field.

Use a specified reference field to close a segment of shipments for the day, shift, trailer, and so on. If you use one of the reference fields for operational needs, such as the Group MPS Contract Service (for FedEx Express and FedEx Ground), then you can specify a reference field, department field, or integrity field to group and deliver all pieces of a MPS at one time. For alcohol shipments, $AW is already used for the customer reference fields; therefore, use another reference designation for alcohol shipments.

  Note: Close by Reference feature is available in software versions 1300 and newer. This feature is not available for FedEx Freight but is available for FedEx Ground® Economy.

Freight Bill of Lading

FedEx Ship Manager® Server supports the Bill of Lading (BOL) document for your FedEx Freight® shipping needs. A Bill of Lading (BOL) prints on the laser printer configured to FSMS is generated by using the 020/120 Global Ship Request/Reply and/or the 060/160 Freight Create BOL transaction.

To configure a bill of lading for the United States (U.S.), Canada (CA) and Mexico (MX), use the Bill of Lading option in the Reports tab of the FSMS Configuration Utility.

Note: If "No Ship-time Rates" is selected on the Meter Settings tab, the Freight Bill of Lading is generated with no rates in the total fields on the reports.

14.1.3 Custom reports

You can create custom reports using any ODBC (Open Database Connectivity) connection to the FSMS database to retrieve data or use the SQLAnywhere Sybase Central program. The database is SHIP.DB.

The username is fedexcustomer. The password is fxrs.

14.2 FedEx Express Intra-U.S. shipment reports

Choose one of the following to generate and print FedEx Express intra-U.S. shipment reports:

- Courier Report
- Shipment Report
- Invoice Report
- Domestic End-of-Day (End-Of-Day) TransOut Report
- Dangerous Goods (1421C)
- Domestic History Report

14.2.1 Domestic courier report FedEx Express

The Domestic Courier Report lists the individual FedEx Express intra-U.S. packages, categorized by service type and weight, which are shipped for a specific invoice number. This report is signed and given to the FedEx courier during package pickup.

This report provides the following information for each FedEx Express intra-U.S. package shipped:

- Ship date
- Tracking number
- Service type
- Billing weight
- Destination postal code
- Package charge amount
- Declared value amount
- Surcharge amount
- Bundling number
- Payment type
- Hold at Location flag
- Saturday Delivery flag
- Dangerous Goods flag
- Billed account number

The billing weights, package counts, and package charge amounts are sub-totaled for each service

type and totaled for the entire invoice.

14.2.2 Domestic shipment report FedEx Express

The Domestic Shipment Report lists the individual intra-U.S. FedEx Express packages that are shipped for a specific invoice number.

This report provides the following information for each intra-U.S. package shipped:

- Recipient address information
- Tracking number
- Service type
- Payment type
- Declared value amount
- Package shipping weight
- Reference notes
- The following totals print at the end of the report:
- Package count
- Package charges
- Discounts received
- Declared value surcharges
- Total charges
- Total weight

14.2.3 Domestic invoice report FedEx Express

The Domestic Invoice Report provides a courtesy rate for U.S. FedEx Express domestic charges for a specific invoice number. The following totals and fields are included in this report:

- Metered package count
- Invoiced package count
- Package charges
- Special fees
- Declared value surcharges
- Fuel surcharges
- Total before discount
- Discounts received

14.2.4 Domestic End-Of-Day TransOut report FedEx Express

The Domestic End-Of-Day TransOut Report is a text file saved by FSMS. This report provides a snapshot of intra-U.S. FedEx Express transactions that are processed and closed.

Note: Field 55 (Bundle Number) of this report provides a bundle number and Field 56 (Invoice Number) provides the invoice number for the given shipment.

14.2.5 Dangerous Goods shipper's declaration form (1421C) FedEx Express

FedEx Ship Manager® Server provides the ability to print the FedEx Express Dangerous Goods 1421C multiply form. This form is required for all dangerous goods intra-country and international shipping and is printed on a pin-feed printer.

You can configure the 1421C form from the Labels tab of the FSMS Configuration Utility. FedEx Ship Manager® Server generates the dangerous goods 1421C form when you confirm and complete processing of the shipment.

Note: When generating the shipper's declaration for Dangerous Goods including both 1421C and LZR DG DEC, FSMS performs the following processes:

1. FSMS does not print "Limited Quantity" for UNIDs where the packing instruction is prefixed with Y, in Additional Handling Information section

2. FX 18 Compliant is printed if, IATA validation is selected from Meter Settings tab on Configuration screen

14.2.6 Domestic shipping history FedEx Express

The Domestic Shipping History is a file named EXPORT1.TXT. This file captures 70 days of intra-U.S. FedEx Express shipping transactions and provides definitions for the fields in the FSMS Ship History database, including the field name and field type. This field is an excellent resource for understanding and locating information in the Ship History database.

14.3 FedEx Freight and FedEx Ground reports

The following FedEx Ground reports are generated for both intra-U.S. and international shipments:

- Pickup Manifest

- Multiweight Package Detail

- Multiweight Shipment Detail by Postal Code

- Multiweight Shipment Detail by Zone

- Multiweight Shipment C.O.D. Detail

- Multiweight Shipment Declared Value Detail

- Hazardous Materials Certification Report

- Commercial Invoice

- Ground C.O.D. Report

14.3.1 FedEx Ground pickup manifest

The FedEx Ground Pickup Manifest provides a summary of the packages picked up on a given day to the FedEx Ground courier.

The report provides the courier with the following information:

- Sender's account number

- Sender's meter number

- Tracking number for all packages

- C.O.D. amount (if applicable)

- Declared value (if applicable)

- Number of Oversize I packages

- Number of Oversize II packages

- Number of packages requiring additional handling

- Number of residential delivery packages

- Total number of packages

- Pickup number

14.3.2 Multiweight package detail FedEx Ground

The Multiweight Package Detail provides package level information for all packages that qualify for Multiweight discounts.

This report provides the following information:

- Tracking Number

- Package ID — either the PO, IN, or CR number designated in the shipping transaction to be used as the package ID for reporting purposes

- Zone — A group of postal codes that share the first three digits.

- Actual Weight

- Weight Type (LBS or KGS)

- Multiweight Rated Weight

- C.O.D. amount (if applicable)

- Declared value amount (if applicable)

- Oversize Flag — displayed if the package was Oversize

- Hazardous Materials (HazMat) — displays if the package contains Hazardous Materials

14.3.3 Multiweight shipment detail by Postal Code FedEx Ground

The Multiweight Shipment Detail by Postal Code provides shipment level information for all packages that qualify for Multiweight discounts. This report provides:

- Postal Code

- Zone (a zone is a group of postal codes that share the first three digits)

- Service (FedEx Ground or FedEx Home Delivery)

- Number of Packages (indicates that number of packages shipped to a specific postal code)

- Actual weight

- Weight Type (LBS or KGS)

- Multiweight Rated Flag

- Oversize Package Flag (displays if the package is designated as "oversize")

- C.O.D. Package Flag (displays if the package was shipped with C.O.D. request)

- C.O.D. Charge (if applicable)

- Declared Value Units (DVU) — displays the number of DVUs associated with the package (1 DVU for each $100 above $101)

- Declared Value Charge (if applicable)

- Other Charges (displays the sum of any ancillary charges to the package)

- Multiweight Shipping Charge (displays the weight break charge for the shipment to the applicable Zone)

- Total Charge (sum of all charges)

14.3.4 Multiweight shipment detail by Zone FedEx Ground

The Multiweight Shipment Detail by Zone provides shipment level information for all packages that qualify for Multiweight discounts. This report provides the following information:

- Zone (a group of postal codes that share the first three digits)

- Number of Shipments

- Service (FedEx Ground or FedEx Home Delivery)

- Actual Weight

- Multiweight Rated Weight

- Oversize Package (displayed if the package is designated as "oversize")

- C.O.D. Package Flag (displayed if the package was shipped C.O.D.)

- C.O.D. Charge (if applicable)

- Declared Value Units (DVU) — displays the number of DVUs associated with the package (1 DVU for each $100 above $101)

- Declared Value Charge (if applicable)

- Other Charges (displays the sum of any ancillary charges to the package)

- Multiweight Shipping Charge (displays the weight break charge for the shipment to the applicable Zone)

- Total Charge (sum of all charges)

14.3.5 Multiweight shipment C.O.D. detail FedEx Ground

The Multiweight Shipment C.O.D. Detail provides package level C.O.D. information for all packages that qualify for Multiweight discounts. This report provides:

- Postal Code

- Package ID — The PO, IN, or CR number designated in the shipping transaction to be used as the package ID for reporting purposes.

- C.O.D. Amount

- C.O.D. Charge

14.3.6 Multiweight shipment declared value detail FedEx Ground

The shipment report of package level Declared Value information is provided by Multiweight Shipment Declared with the following details.

- Postal Code

- Package ID — The PO, IN, or CR number designated in the shipping transaction to be used as the package ID for reporting purposes.

- DV Amount

- DV Charge

14.3.7 OP-950 HazMat Certification Report

The FedEx Ground hazardous materials (HazMat) certification report is required at the end of day before offering HazMat shipments to FedEx Ground for pick up. The OP-950 can optionally be produced by FedEx Ship Manager® Server or (when using DG Upload Mode) a FedEx DG Ready Solution. Refer to 3rd party software documentation of available FedEx DG Ready Solutions listed at fedex.com/dgready to see if the OP-950 HazMat certification report is available.

FSMS prints a new column, 'Packaging Type' in OP-950 HazMat Certification Report as shown in New HazMat Certification Report. This appears as the first column in report and contains data that a shipper passes in the new Field 4903 (HazMat Package Quantity and Type).

The Identification Number/UN# (Field 451) column is moved to the second column position and the Shipping Name of Material (Field 1903) becomes the third column.

In addition, the "Emergency Contact Number" header and data that was previously located in the top right corner is removed. The "TRACKING NUMBER" column is re-labeled "TRACK #, SHIPPER NAME, EMERGENCY CONTACT NUMBER."

And the "Emergency Contact Number" header and data is moved to the revised Tracking number column.

> *Note: The first occurrence of the Offeror Name (entity or person) and Emergency Contact Number should print on the OP-900 forms and the OP-950 Report.*

Each populated row of the OP-950 that denotes a Hazardous Materials shipment (from 1 to 3 commodities) will print the following required data, in the following order and format:

- Tracking Number (all on one line, no text wrapping)

- Offeror Name (entity or person all on one line, no text wrapping)

- Emergency Contact Number (all on one line, no text wrapping)

- Emergency Contact Number "x" extension (if extension provided)

Figure 54: New HazMat Certification report

When using DG Full Validation Mode, the HazMat shipper paper (OP-900LL or OP-900LG) can optionally be produced. Required Fields for HazMat OP-900LL and OP-900LG Form Transactions

Table 163: Required fields To print HazMat OP-900LL form

Transaction	Required Fields	Valid Values
020/120 Global Ship Request/Reply Shipping Transaction - Single Piece, Open Ship (regular)		
1680	DG Printer Form Type	**Field level:** Shipment **Optional** **Description** • DG Printer Form Type field is set to value 02 (Laser). • The *120 Global Ship Reply* transaction returns "Laser" as the Form Type designated for the OP-900LL. • The form is generated when the shipper confirms the shipment.
4903	HazMat Package Quantity and Type	**Field level:** Package **Required** **Description** • Indicates the number and type of packaging used for the hazardous materials shipment. • Valid value is free-form text.
4939	Offeror Name	**Field level:** Package **Optional** **Description** Offeror Name field designates an Offeror Name (entity or person) or Shipper Contact Name to be used by FedEx Ground Operations and the DOT as a contact in case of an emergency situation with a Hazardous Materials Package. *Note: Failure to provide the accurate information for the Offeror/Shipper Name whether, passed in the transaction or defaulted along with the Emergency Contact Number, may result in fines being incurred by the customer from the U.S. Department of Transportation. If this field is not passed in a HazMat transaction or passed in blank, FSMS will use Field 32 (Sender Contact Name) associated with the meter at ship time and customers will receive informational Message 3101, "This type of regulated shipment requires the Offeror Name that is registered with the Emergency Response Information provider. Since Offeror Name, Field 4939, was not provided, the Shipper Name will be used." and the transaction will be successful.*
070/170 Meter Query/Configuration Request/Reply		
1680	DG Printer Form Type	**Field level:** Shipment **Optional**

Transaction	Required Fields	Valid Values
		Description • DG Printer Form Type field is set to value02 (Laser). • The*171 Reply* transaction returns "Laser" as the Form Type designated for the OP-900LL and displays the "Form Type" field on the Reports tab in the FSMS Configuration Utility.
1373 #	Report Code	**Field level:** Shipment **Optional** **Description** • Report Code field is set to one of these values: • 041 — Ground OP-900LL (requires Field 1680 be set to 02 - laser) • The *171 Reply* transaction sets the printer path designated in Field 538 (Report Printer ID) for the Report Code you designate in Field 1373. This information is displayed in the "Report Printer ID" field on the Report Settings tab in the FSMS Configuration Utility.
095/195 Label Reprint Request/Reply		
1373#	Report Code	**Field level:** Shipment **Optional** **Description** • Report Code field is set to one of these values: • 041 - Ground OP-900LL (requires Field 1680 be set to 02 - Laser) • FSMS prints the report format that you specify in this field after the CONFIRM shipment of any hazardous materials shipment. • When Tag #1935 (Reprint Type) with a value of "S" and Tag#1373 (Report Code) with a value of 072 Freight Universal Commercial Invoice or 073 Freight Certification of Origin or 074 Freight USMCA/T-MEC/CUSMA Certification of Origin is passed in along with all other required/optional data to request the reprinting, this request will be ignored.

14.3.8 FedEx Ground Commercial Invoice

You can generate a FedEx Ground Commercial Invoice for all your FedEx Ground shipments.

Print and upload the Ground Commercial Invoice by including Field 113 (Commercial Invoice Print and

Upload Flag) in your FedEx Ground shipping transaction.

The Commercial Invoice (CI) contains the following shipment data:

- The type of buyers and associated shipments that qualify for Section 321 of the Tariff Act of 1930.

  Note: Merchandise stocks (except for textiles, waste and garbage shipments) valued at less than $200 U.S. are released without entry or payment of duty.

- The type of buyers and associated shipments that qualify for Pre-Arrival Processing System (PAPS)

  Note:

  - *The Pre-Arrival Processing System (PAPS) is a U.S. Bureau of Customs and Border Protection (CBP) cross-border cargo release mechanism. This mechanism uses barcode technology to expedite the release of commercial shipments while processing each shipment through Border Cargo Selectivity (BCS) and the Automated Targeting System (ATS).*
  - *A unique barcode label is attached in each PAPS shipment invoice and truck manifest, while the merchandise is still in Canada. The barcode consists of the U.S. Standard Carrier Alpha Code (SCAC) and Pro-Bill number. This information is later faxed ahead to the Customs broker in the U.S., who prepares a BCS entry in the Automated Commercial System (ACS). After the arrival of truck at border, the Customs Inspector scans the barcode, which automatically retrieves the entry information from ACS. If no examination is required, the Customs Inspector releases truck from the primary booth, reducing the carrier's wait time and easing congestion at the U.S. border.*

14.3.9 FedEx Ground Collect on Delivery report

The FedEx Ground Collect on Delivery (C.O.D.) Report provides comprehensive information for all FedEx Ground C.O.D. shipments and is printed during the End-of-Day Close shipment process.

This report contains the following information:

- Sender Name and Address
- Package Ship Date
- Account Number
- Tracking Number
- Recipient Name and Address
- Total Packages
- C.O.D. Type
- C.O.D. Return Amount
- C.O.D. Tracking #
- Reference
- Actual Weight
- Charges

This report includes both Collect on Delivery (C.O.D.) and Electronic Collect on Delivery (E.C.O.D.) shipments.

The FedEx Ground C.O.D. Report does not print shipment reports during Close if there are no FedEx Ground C.O.D. shipments in the Close cycle.

14.3.10 Declaration control statement

The new Declaration Control Statement is as follows:

The declaration content is controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. It may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations.

The new DCS statement will be printed on Commercial Invoice or Proforma Invoice reports for all U.S. Export Express, Ground and Freight shipments, irrespective of what value is provided in tag 3125.

It is recommended that the airwaybill label for a U.S. Export is verified to display the new DCS statement for the following scenarios:

- Tag 3125 provided with one of the three valid types as seen in the Table below.
- Tag 3125 is not provided.
- Verify DCS when FedEx Generated CI or Proforma are not requested.

Table 164: Fields for printing commerce destination control statement

| Field ID | Field length | Data type | Input Output | FedEx shipping | | Description |
				Service	Valid for	Transaction: 020/120 Global Ship Reply/Request - Single Piece, Single Shot, Open Ship
DCS Type - Destination Control Statement Print Type						

3125	Min=0 Max=1	N	I	FDXE	All	**Field level:** Shipment
						 Optional
						 Description
						 Destination Control Statement Print Type field specifies the Destination Control Statement (DCS) print types.
						 Valid values are:
						   o 1—DCS Department of Commerce (DOC) (default)
						   o 2—DCS Department of State (DOS)
						   o 3—DCS DOC and DCS DOS

DOS Country Code(s)						
3126	Min=0 Max=11	A/N	I	FDXE	All	**Field level:** Shipment **Optional** **Description** • DOS Country Code(s) field specifies the country codes of Department of State (DOS). • Shipper may enter any text to indicate

| Field ID | Field length | Data type | Input Output | FedEx shipping | | Description |
				Service	Valid for	Transaction: 020/120 Global Ship Reply/Request - Single Piece, Single Shot, Open Ship
						DOS country.
						• The default value is the Recipient Country (Field 50).
DOS End User						
3127	Min=0 Max=25	A/N	I	FDXE	All	**Field level:** Shipment **Optional** **Description** • DOS End User field specifies the name of the recipient of shipment. • Shipper may enter any text to indicate an end username. • The default value is the Recipient Company (Field 11) or if the company name is null, the Recipient Contact Name (Field 12).

14.4 International Ground consolidation reports

FedEx Ship Manager® Server (FSMS) will modify the International Ground Commercial Invoice to allow for the printing of the new Buyer/Sold-To fields for International Ground shipments which are intended to be consolidated.

The following details will print in the new "Buyer" party block on the International Ground Commercial Invoice.

14.4.1 Ground Commercial Invoice report

Figure 55: Ground Commercial Invoice report

14.5 FedEx Ground® Economy reports

There are three types of reports for FedEx Ground® Economy Shipping:

- Detail Report

- Manifest Report

- Returns Report

The Detail and Manifest reports can be run with the 007 End of Day Close Request by passing in Field 3025, Carrier Code, set to FXGE. Additionally, all three reports can also be run with either the 070/170 Meter Query/Configuration transaction or the 095/195 Label Reprint transaction. For all three reports, Field 1373 (Report Code) should be set to 69 for the FedEx Ground® Economy Manifest Report, 67 for the Detail Report, and 68 for the Returns Report.

The Returns Report is printed on demand via the Report Viewer Utility. A FedEx Ground® Economy option has been added to the close branch of the Report Viewer Utility which allows the new reports to be reprinted.

An option for FedEx Ground® Economy has been added to the Report Settings tab. It expands out to show the Detail, Manifest, and Returns Reports. See Report Settings tab - FedEx Ground® Economy Reports Options.

14.5.1 Detail report

The Detail Report can be printed in the following formats:

- Word document (.doc)

- Rich Text File (.rtf)

- Text only (.txt)

- Portable Document Format (.pdf)

14.5.2 Manifest report

You can close your FedEx Ground® Economy shipments and create a FedEx Ground® Economy manifest at any time. You can carry over shipping from the previous day or for several days. When you close your FedEx Ground® Economy shipments, you can create a separate manifest for each meter number associated with a FedEx Ground® Economy Hub ID if you have configured this association in the FSMS Configuration Utility dialog in the Meter Settings tab.

During a FedEx Ground® Economy End-of-Day Close Request, FSMS creates an electronic manifest file and uploads it to FedEx Ground® Economy for billing. This manifest contains the detailed record data of all the FedEx Ground® Economy packages shipped since the last Close. Because the manifest is critical for the success of your FedEx Ground® Economy shipping, it is important to perform a Close at the appropriate time.

The Manifest Report shows all shipments in which FedEx Ground only is the pickup carrier. It only includes the Delivery Confirmation Numbers (DCN).

Manifest Service Details

- You must create an electronic manifest for FedEx Ground® Economy shipments on a trailer-by-trailer basis. For example, you can create FedEx Ground® Economy shipments daily until you process all packages filling a trailer.

- You cannot ship more than 99,999 packages per manifest. Even in cases where a trailer is not filled and you have reached the maximum number of packages, you must perform a close.

- To fill the remainder of the trailer, create a new manifest for the remaining portion of the shipment.

Print Formats

The Manifest Report can be printed in the following formats:

- Word document (.doc)

- Rich Text File (.rtf)

- Text only (.txt)

- Portable Document Format (.pdf)

  Note: The layout of the Manifest Report is the same as the FedEx Ground Pickup Manifest. The Manifest Report is only available when Ground is the pickup carrier.

Detailed Delivery Manifest

- FedEx Ship Manager® Server (FSMS) updates the 007 transaction to trigger the production of the Detailed Delivery Manifest Report when it is configured to print.

- FedEx Ship Manager® Server (FSMS) updates the 095 transaction to trigger the production of the Detailed Delivery Manifest Report when it is configured to print.

- The EOD report processing supports the ability to create Detailed Delivery Manifest Report for the following scenarios:

  - o Domestic

  - o International

  - o Both Domestic and International

- If EOD is run for Domestic, the Courier report will only contain Domestic shipments. If EOD is run for International, the Courier report will only contain International Shipments. If EOD is run for both, then two Courier reports will be generated, one for Domestic shipments and one for international shipments.

- The 2D bar code should be the same 2D barcode that prints on the EPIC label:

- The 2D Bar code must contain the attributes of each package, in the event of a failed upload.

- FSMS is dependent on the Label service to return the bar code string.

- FSMS must store the 2D bar code string or image with every OUTBOUND package when the label information is returned from the Labels service.

- FSMS must print the 2D bar code on the Delivery Manifest Report. This should print for every tracking number that is included on the Manifest Report.

- Shipments that are being closed should print on this report; those that are in shipment history should not print.

Ground Manifest Report

When generating the Ground Manifest Report, if the data printed is for a Ground® Economy small shipper shipment, FSMS prints the Ground® Economy/USPS Tracking Number rather than the Ground Tracking Number.

> *Note: The Ground® Economy/USPS Tracking Number is the 22-digit tracking number that includes the 2-digit application ID plus the 20-digit unique tracking number.*

14.5.3 Returns report

The Returns Report can be printed on demand via the Report Viewer Utility or by passing in Field 1373, Report Code, set to value 68, in either the 070 Meter Query Request transaction or the 095 Label Reprint transaction.

The Returns Report can be printed in the following formats:

- Word document (.doc)

- Rich Text File (.rtf)

- Text only (.txt)

- Portable Document Format (.pdf)

Figure 56: Report Settings tab FedEx Ground® Economy reports options
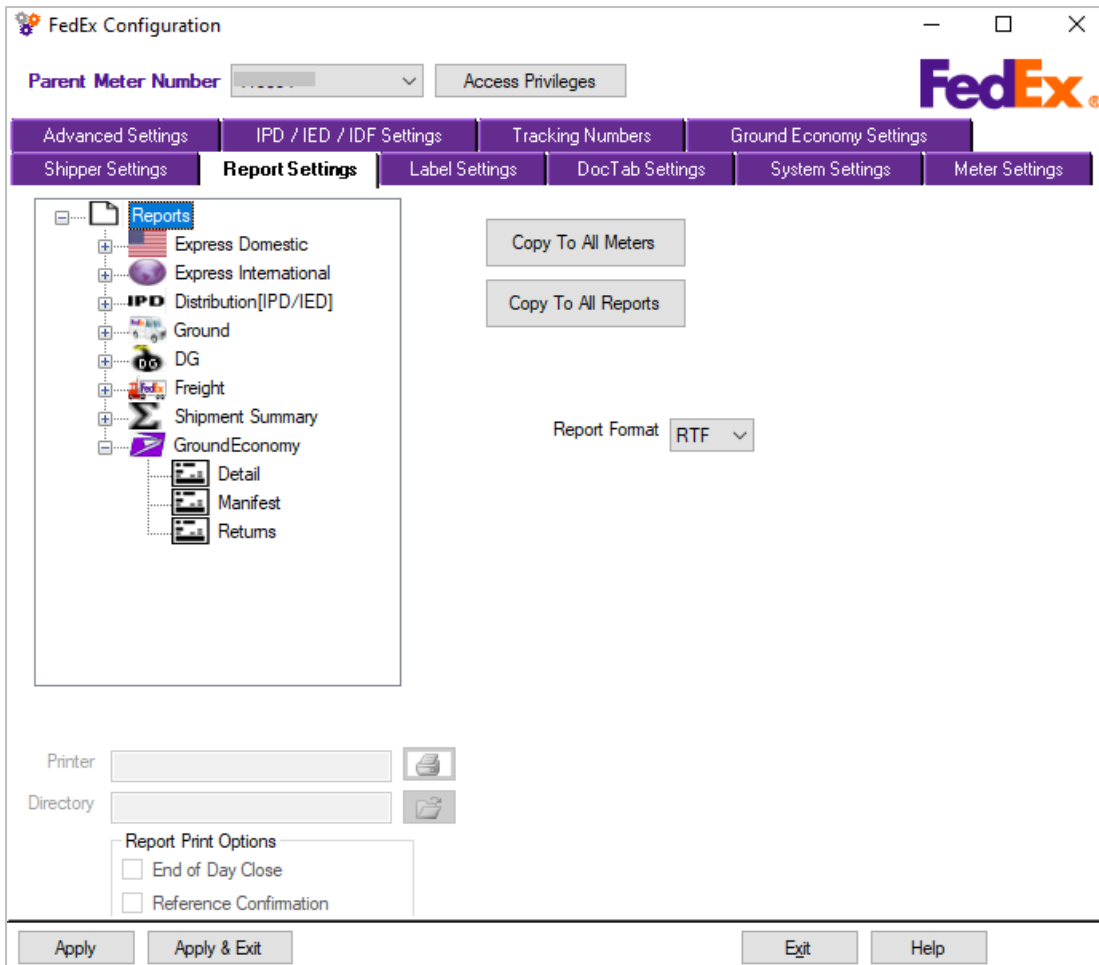
14.6 FedEx Express International reports

You can generate these FedEx Express International reports:

- Certification of Origin - FedEx Express and FedEx Ground
- Commercial Invoice (CI)
- Express International Visa Manifest
- International Courier Report
- International Dangerous Goods (1421C)
- International End-of-Day (EOD) TransOut Report
- International Invoice Report
- International Shipment Report
- International Shipping History - FedEx Express
- IPD/IED/IDF Reports
- Pro forma Invoice

14.6.1 International courier report

The International Courier Report lists the individual FedEx International packages, categorized by service type, that were shipped for a specific invoice number. The package counts and package charge amounts are sub-totaled for each service type and totaled for the entire invoice. This report provides the following information for each FedEx International package shipped:

- Ship date

- Tracking number

- Service type

- Billing weight

- Shipped to city name

- Shipped to country code

- Package charge amount

- Hold at Location (HAL) flag

- Saturday Delivery flag

- Dangerous Goods flag

- Payment type

- Billed account number

- Reference notes

14.6.2 International Invoice report

The International Invoice Report provides a courtesy rate for a specific invoice number for FedEx International shipments. The following totals are included in this report:

- Metered shipment count

- Invoiced shipment count

- Package charges

- Special fees

- Total before discount

- Discounts received

14.6.3 International End-Of-Day TransOut report

The International EOD TransOut report is a text file that is saved by FSMS. The EOD Transout report provides a snapshot of FedEx International transactions that were processed and closed.

14.6.4 International Commercial Invoice (CI)

You can request to have FSMS generate the International Commercial Invoice for all non-document FedEx International shipments.

You may choose to print and upload the International Commercial Invoice by including Field 113 (Commercial Invoice Print and Upload Flag) in your FedEx International shipping transaction.

14.6.5 International visa manifest report

The Express International Visa Manifest Report provides information for all FedEx International packages that are shipped and must be given to the FedEx courier when packages are picked up.

The Express International Visa Manifest Report provides the following information for each FedEx International package that is shipped:

- Sender's account number

- Reference information

- Origin'

- Destination

- Recipient's account number, phone number, name, company, address, city, state/province, country/territory, and postal code

- Broker's name, city, country/territory, phone number and postal code

- Service type

- Special handling codes (Hold at Location, Saturday Delivery and Dangerous Goods)

- Billing information

- Account number

- Country/Territory code

- Weight

- Manufacturing code

- Currency type

- Carriage value

- Customs value

- Exporter's License and Date

- Description(s)

- MPS information

The following totals appear at the end of the report:

- Single shipments

- MPS shipments

- Shipments

- Packages

14.6.6 International Dangerous Goods (1421C)

FedEx Ship Manager® Server provides the ability to print the FedEx Express International Dangerous Goods 1421C multiply form. This form is required for all intra-country and international dangerous goods shipping and is printed on a pin-feed printer. You can configure the 1421C form in the **Labels** tab of the FSMS Configuration Utility. The dangerous goods 1421C is produced at the time the shipment is confirmed/processed by FSMS. See FedEx Ship Manager® Server Label and Form Transactions for more information about the dangerous goods 1421C form.

14.6.7 International Pro Forma Invoice

You may choose to use the International Pro forma Invoice instead of the Commercial Invoice report. The Commercial Invoice and Pro forma Invoice are mutually exclusive.

Although you can generate multiple copies, only one of these invoice types can apply.

> *Note: Shipments to Canada require a Commercial Invoice. See Field 2404 (Shipment Documentation Flag) in the FedEx Ship Manager® Server Transaction Coding Reference Guide for information about how to create a Pro forma Invoice.*

14.6.8 International shipment report

The International Shipment Report lists the individual FedEx International packages that were shipped for a specific invoice number. This report provides the following information for each FedEx International package shipped:

- Recipient address information
- Tracking number
- Service type
- Carriage value
- Package shipping weight
- Payment type
- Reference notes

The following information appears for multiple-piece shipment (MPS) packages:

- Master Tracking Number
- MPS Tracking Number

The following totals appear at the end of the report:

- Package count
- Package charges
- Discounts received
- Total charges

14.6.9 International shipping history

The International Shipping History is a file named EXPORT2.TXT that is saved by FSMS. This file captures 70 days of U.S. FedEx Express International shipping transactions and provides definitions for the fields in the FSMS Ship History database, including the field name and field type. This field is an excellent resource for understanding and locating information in the Ship History database.

14.6.10 IPD/IED/IDF reports

IPD/IED/IDF Reports are available using the FSMS Report Viewer Utility if you are contracted with FedEx for these optional services.

A shipper can generate the following reports for FedEx International Priority DirectDistribution (IPD), FedEx International Economy DirectDistribution℠ Service (IED) or FedEx International Priority

DirectDistribution® Freight (IDF) shipments:

- Consolidated Commercial Invoice (CCI)
- CRN Report
- Packing List
- VISA Manifest

14.6.11 Certification of Origin for FedEx Express and FedEx Ground

A Certification of Origin may be generated by FSMS upon request. This additional document for customs may be flagged in Field 2404 (Shipment Documentation Flag).

See the FedEx Ship Manager® Server Transaction Coding Reference Guide for information about using this field.

14.7 FedEx IDD surface solutions reports

FedEx International DirectDistribution Surface Solutions Reports are available using the FSMS Report Viewer Utility if you contracted with FedEx for these optional services. FSMS provides all the necessary reports for managing your FedEx International DirectDistribution Surface Solutions shipping activity. It supports these standard FedEx International DirectDistribution Surface Solutions reports.

- FedEx International DirectDistribution Surface Solutions Consolidated Commercial Invoice (CCI)
- FedEx International DirectDistribution Surface Solutions Commercial Invoice
- FedEx International DirectDistribution Surface Solutions Ground Pickup Manifest
- FedEx International DirectDistribution Surface Solutions Express Courier Report

Each report may be configured individually and saved in any directory or printed on the printer configured in the FSMS Configuration Utility. Instructions for configuring a printer for reporting are provided in this guide.

Note: When selecting an output type for reports, you cannot select the TXT format, which is not supported for FedEx International DirectDistribution Surface Solutions reports. If you selected TXT as your default output format during installation, contact your FedEx customer support representative to change your configuration.

- *Customs Use Only*
- *PAPS Manifest, Page Two*
- *Page two (and all subsequent pages) of the PAPS Manifest provide individual package information for the FedEx International DirectDistribution Surface Solutions shipment (whose summary information prints on page one of the PAPS Manifest).*
- *Shipment Requiring Entry*
- *Air Waybill (AWB)*
- *Manifest Totals*

14.7.1 Consolidated Commercial Invoice

The following reviews each section of the FedEx International DirectDistribution Surface Solutions Consolidated Commercial Invoice (CCI).

IDD Surface CCI Header

The CCI header provides the following shipment information:

- Ship Date

- International Air Waybill Number — Master air waybill (MAWB) tracking number for the shipment

- Invoice Number — FSMS generated invoice number for the shipment.

IDD Surface CCI Shipment Summary

The summary section which prints after the CCI header information provides this shipment level information:

- Shipper — identification of shipper from your FSMS shipper record

- Consignee — FedEx location where the FedEx International DirectDistribution Surface Solutions shipment is cleared by Customs

- Broker — broker identification if you use a broker other than FedEx

- Importer of Record — importer identification if an importer other than the shipper is used

- Package Summary — totals for the IDD Surface shipment, including Weight, Currency Type and CRNs

- Layout — groups the commodity and organizes it in a logical manner. The criteria for grouping commodities are exact matching values of the following fields:
  - o   Description
  - o   Country of Manufacture
  - o   Unit of measure
  - o   HTS Code (optional)

IDD Surface CCI CRN Data

Following the CCI summary section is the individual package information identifying each package in the FedEx International DirectDistribution Surface Solutions shipment. This information is entered as part of the FedEx International DirectDistribution Surface Solutions 020 Global Ship Request transaction and is required to clear packages through Customs.

CCI Totals

FedEx Ship Manager® Server totals all package values for the FedEx International DirectDistribution Surface Solutions shipment and reports these totals at the bottom of the CCI. These totals include:

- Total Shipment Weight — total weight of all packages in the FedEx International DirectDistribution Surface Solutions shipment

- Total Express Weight — total weight of packages to be shipped using FedEx Express after packages have cleared Customs. When added to the Total Ground Weight, the sum equals the Total Shipment Weight.

- Total Ground Weight — total weight of packages to be shipped using FedEx Ground after packages have cleared Customs. When added to the Total Express Weight, the sum equals the Total Shipment Weight.

- Total Commodity Value — total declared commodity value of all packages in the FedEx International DirectDistribution Surface Solutions shipment

- INCO term — International chamber of commerce terms. Terms of sale for the shipment. For example: if FOB/FCA is selected, this indicates Free on Board/Free Carrier as the terms of sale.

- Freight— total freight charges for the shipment

- Insurance — insurance costs for the shipment

- Other — total of any ancillary charges incurred for shipping

- Total Invoice Value — total value derived from the sum of Total Commodity Value, Freight, Insurance, and Other.

Customs Detail Report for FedEx IDD Surface Solutions Consolidated Commercial Invoice

Customs Detail Report is used to capture the new "commodity purpose" field for calculation of duties and taxes. Also, to send all commodity data to backend systems on all CRNs. Currently most systems truncate the commodity data at the first four commodities.

Note: When printed, the IPD/IED/IDF Customs Detail Report shall be included with the other documents in the "IPD Documents" shipment that is sent to the clearance facility.

Pre-requisite Note: The Initiative Control Manifest contains new control to support the enablement/disablement when requesting the new IPD/IED/IDF Customs Detail Report to be printed. Enablement/Disablement of IPD/IED/IDF Customs Detail Report check box in ICTL settings under Meter Settings tab of FSMS Configuration Utility.

Table 165: Customs detail report tags

Tag #	Tag Value	Behavior
Shipment Purpose		
Tag#2397	Input Value	**Description** Shipment Purpose field allows to print the corresponding textual Purpose of Shipment value by following the provided label text.
Customer Reference		
Tag #25	Input Value	**Description** Customer Reference field allows to print the corresponding textual Purpose of Shipment value by following the provided label text. *Note: All package or shipment level Reference fields are available for use for shipments: package level 3056, 3057, and 25, or shipment level 3001, 3002, and 3003. If both are present in the transaction, shipment level fields take precedence. Ground® Economy does not support shipment level fields.*
Terms of Sale		
Tag # 72	Input Value	**Description**

Tag #	Tag Value	Behavior
		The Terms of Sale allows to print the corresponding abbreviated text value if provided. Example: CIP
Customs Currency Code Value		
Tag# 68	Input Value	**Field level:** Shipment Required or Defaulted *Required for FedEx Express international shipments only. **Description** • Customs Currency Type field indicates the currency in which the customs value is expressed. • Default for U.S. shipping: USD • Default for intra-CA shipping: CAD *Note: The setting for this field is applied to field 119 (Total Commodity Customs Values), and field 1030 (Commodity Line Item Unit Value).*
Service Type		

Tag# 1274	17-IED
	18-IPD
	84-IDF
		Description
		
		• Service type tag indicates the service type provided by the Shipper.
		
		• Valid Values are:
		  ○ 17 – IED
		  ○ 18 – IPD
		  ○ 84 – IDF

Bill Trans Charges		
Tag# 20	Input Value	**Description** Bill Trans Charges field allows to print the 9-digit FXE account number used for the payment of the transportation charges.
Weight Type		
Tag# 75	Input Value	**Description** Weight Type field allows to print the unit of measure for the weight, LBS, or KGS.
Bill Duties/Taxes/Fees		
Tag# 71	Input Value	**Description** Bill Duties/Taxes/Fees field allows to print the 9-digit FXE account number used for the payment of the Duties/Taxes/Fees.
Total Packages		

Tag #	Tag Value	Behavior
NA	Input Value	**Description** Total Packages field allows to sum up and print the total number of CRN's within the IPD/IED/IDF Consolidation.
Total Address		

NA	Input Value	**Description**
		
		• Total Addresses field allows to sum up and print the total number of unique consignee addresses within the IPD/IED/IDF Consolidation.
		
		• A consignee address is unique if the following fields are identical:
		
		    o Address Line 1
		
		    o Address Line 2
		
		    o City
		
		    o State
		
		    o Country

Related Parties		

73	"Y" if the parties are related
	
	"N" if the parties are not related
		Description
		
		• Related parties field allows to print the value of the Related Parties flag, as follows:
		
		    o "Y" if the parties are related
		
		    o "N" if the parties are not related
		
		• If not provided, leave the field blank.

Ship Date		
24	Input Value	**Description** Ship Date field allows to print the ship date for the consolidation in the format DDMMMYYYY. For example: 03MAR2014 or default to current date.
Company Name		
4	Input Value	**Description** Company Name allows to print value of the IOR company name associated with the clearance facility.
Contact Name		
32	Input Value	**Description** Contact Name field allows to print the value of sender contact name through "FEDEX xxx", where "xxx" is replaced with the service code of "IPD", "IED", or "IDF".

Tag #	Tag Value	Behavior
Section Header		
NA	NA	**Description** This is not linked to any of the tags. The header will be displayed as Ship to Consignee.
Address Line 1		
NA	NA	**Description** Address Line 1 field allows to print value of Address Line 1 associated with the clearance facility.
Address Line 2		
NA	NA	**Description** Address Line 2 field allows to print value of Address Line 2 associated with the clearance facility if provided.
Sender City		
NA	NA	**Description** City field allows to print value of the city associated with the clearance facility.
Sender State-Sender Country Code		

-8
-117
-9
	Input Value	**Description**
		
		• Sender State-Sender Country Code-Sender Postal Code fields allow to print the values of the following fields associated with clearance facility separated by commas:
		
		   o State
		   o Country Code
		   o Postal Code
		
		• If non-postal aware country, leave the postal code empty & drop the comma following the Country.
		
		Note: If State/Province is not provided, then drop the comma before the Country code.

Sender Phone Number		
183	Input Value	**Description** Sender Phone Number field allows to print the value of the IOR Phone number associated with the clearance facility.
Sender IRS/EIN/EORI/ Number -Tax ID		
1139	Input Value	**Description** Sender IRS/EIN/EORI/ Number -Tax ID field allows to print the value of the IOR IRS/EIN/VAT/EORI Number

Tag #	Tag Value	Behavior
CRN Tracking #		
29	Input Value	**Description** CRN Tracking number field allows to print the Tracking number for the individual CRN.
CRN Weight		
1670	Input Value	**Description** CRN Weight allows to print the package weight of the individual CRN in the following Format: 99999999.99
Weight Type		
75	Input Value	**Description** Weight Type allows to print the weight type (LBS or KGS) for the actual package CRN weight.
Tracking Form ID		
526	Input Value	**Description** Tracking Form ID allows to print the FORM ID of the individual CRN in the following format. 9999, e.g. 0491
Destination Location ID		
198	Input Value	**Description** Destination Loc ID allows to print the 4-character Destination Location ID for the individual CRN. Example: OLVA.
Reference Information		
25	Input Value	**Description** Reference Information allows to print the value of the Customer Reference field. *Note: All package or shipment level Reference fields are available for use for shipments: package level 3056, 3057, and 25, or shipment level 3001, 3002, and 3003. If both are present in the transaction, shipment level fields take precedence. Ground® Economy does not support shipment level fields.*
CRN Recipient		
NA	NA	**Description** CRN Recipient field allows to print the Section header text.
Recipient Company		

Tag #	Tag Value	Behavior
11	Input Value	**Description** Recipient company allows to print the Recipient Company Name of the CRN.
Recipient Country		
50	Input Value	**Description** Recipient country allows to print the Recipient Country Code of the CRN.
Recipient Contact Name		
12	Input Value	**Description** Recipient Contact Name allows to print the Recipient Contact Name of the CRN.
Recipient Address Line 1		
13	Input Value	**Description** Recipient Address Line 1 field allows to print the Recipient Address line 1 of the CRN.
Recipient City		
15	Input Value	**Description** Recipient City field allows to print the Recipient print the Recipient City of the CRN.
Recipient Address Line 2		
14	Input Value	**Description** Recipient Address Line 2 field allows to print the Recipient Address line 2 of the CRN if provided.
Recipient State/Province		
16 17	Input Value	**Description** • Recipient State/Province filed allows to print the following fields separated by a comma: • Recipient State or Province • Recipient Postal Code. • If non-postal aware country, leave the postal code empty & drop the comma following the State/Province.
Recipient Phone Number		
18		**Description** Recipient Phone number allows to print the Recipient Phone Number.
Recipient IRS/EIN/VAT/EORI Number		

Tag #	Tag Value	Behavior
118	Input Value	**Description** Recipient IRS/EIN/VAT/EORI Number field allows to print the Recipient IRS/EIN/VAT/EORI Number
Commodity Purpose		
7245	Input Value	**Description** Commodity Purpose field allows to print the purpose for the commodity if the label text is provided. *Note: If the tag value of "None" is passed in via the 020, Commodity Purpose value does not print on report.*
Harmonized Tariff Schedule (HTS) Code		
Tag # 81-#	Input Value	Field level: Package **Description** • Harmonized Tariff Schedule (HTS) Code field allows to print the harmonized code for the commodity. • Format: 1234.56.7890 • If not provided, leave blank, do not print zeroes.
Commodity Line Item Part Number		
1275	Input Value	**Description** Commodity Line Item Part Number field allows to print the Part Number for the commodity.
Country of Manufacture		
80-#	Input Value	Field level: Package **Description** Country of Manufacture field allows to print the country code for the Country of Manufacture for the commodity.
Commodity Line Item Weight		
77-#	Input Value	**Field level:** Package **Description** • Commodity Line Item Weight field allows to print the sum of the weights provided for the commodity, including a decimal point. • Format: 99999999.99 • If not provided, leave blank, do not print zeroes.
Commodity Quantity		
82-#	Input Value	Field level: Package **Description**

Tag #	Tag Value	Behavior
		Commodity Quantity field allows to print the sum of the quantities provided for the commodity. If not provided, leave blank, do not print zeroes. *NOTE: this tag only accepts whole numbers and is unaffected by this feature.*
Unit of Measure		
414 -#	Input Value	**Field level:** Package **Description** Unit of Measure field allows to print the 3-character value for the Unit of Measure for the commodity.
Commodity Line Item Unit Value		
1030	Input Value	**Description** • Commodity Line Item Unit Value field allows to print the Commodity Line Item Unit Value. Format: 999999999.999999 • If not provided, leave blank, do not print zeroes.
Total Commodity Customs Value		
119	Input Value	**Field level:** Shipment **Required* or Optional** **Description** • Enter the total dutiable value of the shipment. • *Required when Field 113 (Commercial Invoice Print and Upload Flag) is set to N. • Optional when Field 113 is set to Y. • If Field 113 is set to Y, this value is derived from the sum of Quantity x Unit Value (Field 82 x Field 1030). • An entry in Field 119 (Total Commodity Customs Value) overrides the derived value. • If Field 113 is set to Y, Field 2404 (Shipment Documentation Flag) position 1 (Commercial Invoice) should also be set to Y to generate a commercial invoice (default).
Description of Contents		
79-#	Input Value	Field level: Package **Required*** **Description** • Description of commodity contents for the shipment. This

Tag #	Tag Value	Behavior
		can be used for free-form entry of document description when Field 2396 (Document Description) is not used.
		• *Required for commodity shipments or for document shipments when Field 190 (Document Shipment Flag) is set to Y, and Field 2396 is not used.
		• *Required for General Agency Agreement (GAA) if import shipment.
		• Only 31 characters of this field print on the labels, but 450 characters are available for customer input to be used on their own reports, including the Commercial Invoice. If both Field 79 and Field 2396 are populated in the same transaction, Field 2396 takes precedence. Field 79 takes precedence for IPD/IDF/IED shipments.
		• For shipping, use MPS.
N/A -CRN Total Customs Value		
NA	Input Value	**Description** • CRN Total Customs Value field allows to print the sum of the Total Value for each commodity line item above if ALL commodity entries for the CRN have a non-zero Total Customs Value. • If one or more of the commodity entries for the CRN has a zero value in the "Total Value" field, it does not allow to print this field. The field is left blank and do not print zeroes. Format: 999999999999999.99
Customs Currency Type		
68	Input Value	**Field level:** Shipment **Required or Defaulted** *Required for FedEx Express international shipments only. **Description** • Customs Currency Type field indicates the currency in which the customs value is expressed. • Default for U.S. shipping: USD • Default for intra-CA shipping: CAD *Note: The setting for this field is applied to field 119 (Total Commodity Customs Values), and field 1030 (Commodity Line Item Unit Value).*

14.7.2 FedEx IDD surface solutions Commercial Invoices

FedEx International DirectDistribution Surface Solutions supports two types of commercial invoices.

- Consolidated commercial invoice

- Standard commercial invoice

Consolidated Commercial Invoice

The FedEx International DirectDistribution Surface Solutions consolidated commercial invoice (CCI) provides one commercial invoice for all of the packages in a FedEx International DirectDistribution Surface Solutions shipment. The consolidated commercial invoice is printed at the shipment level when you CONFIRM the shipment.

Standard Commercial Invoice

You may also choose to print a separate commercial invoice for each package in a FedEx International DirectDistribution Surface Solutions shipment. In this case, a standard commercial invoice is printed at the package level when you CONFIRM the shipment.

Customs Detail Report for FedEx International DirectDistribution Surface Solutions Commercial Invoices

Customs Detail Report is used to capture the new "commodity purpose" field for calculation of duties and taxes. Also, to send all commodity data to backend systems on all CRNs. Currently most systems truncate the commodity data at the first four commodities.

Pre-requisite Note: The Initiative Control Manifest contains new control to support the enablement/disablement when requesting the new IPD/IED/IDF Customs Detail Report to be printed. Enablement/Disablement of IPD/IED/IDF Customs Detail Report checkbox in ICTL settings under Meter Settings tab of FSMS Configuration Utility.

> *Note: When printed, the IPD/IED/IDF Customs Detail Report shall be included with the other documents in the "IPD Documents" shipment that is sent to the clearance facility.*

14.8 Demand surcharge summary reports

FedEx Ship Manager® Server (FSMS) supports the Demand surcharge information within the total surcharge amount on the Ground Multi weight Postal Detail, Ground Multi weight Zone Detail, Express Shipment Detail, and all the EOD Tran out reports.

Table 166: Demand surcharge summary reports

Field ID	Field length	Data type	Input Output	FedEx shipping		Description Discounted Demand Surcharge amount for FedEx Express
				Service	Valid for	
Demand Surcharge						
7606	Min=1 Max=11.2	N	O	FDXE FDXG FXGE	NA	**Field level:** Shipment **Description** This field is used to return the Discounted Demand Surcharge amount for FedEx Express including Express Freight, FedEx Ground® Economy, and FedEx Ground. At present, FedEx Express Freight, FedEx Ground® Economy, and FedEx Ground are the only operating companies supported by Demand Surcharge field.
Standard List Demand Surcharge						
7607	Min=1 Max=11.2	N	O	FDXE FDXG	NA	**Field level:** Shipment **Description** This field is used to return the Standard List Demand Surcharge amount for FedEx Express including Express Freight and FedEx Ground. At present, Express Freight and FedEx Ground are the only operating companies supported by List Demand Surcharge field.
Alternate Demand Surcharge						
7608	Min=1 Max=11.2	N	O	FDXE FDXG FXGE	NA	**Field level:** Shipment **Description** This field is used to return the Alternate Demand Surcharge amount for FedEx Express including Express Freight, FedEx Ground® Economy and FedEx Ground. At present, Express Freight, FedEx Ground® Economy and FedEx Ground are the only operating companies supported by Alternate Demand Surcharge field.
Demand - Residential Surcharge						
7609	Min=1 Max=11.2	N	O	FDXE FDXG	NA	**Field level:** Shipment **Description**

| Field ID | Field length | Data type | Input Output | FedEx shipping | | Description Discounted Demand Surcharge amount for FedEx Express |
				Service	Valid for	
						This field is used to return the Discounted Demand - Residential Surcharge amount for FedEx Express and FedEx Ground. At present, FedEx Express and FedEx Ground are the only operating companies supported by Demand - Residential Surcharge field.
Standard List Demand - Residential Surcharge						
7610	Min=1 Max=11.2	N	O	FDXE FDXG	NA	**Field level:** Shipment **Description** This field is used to return the Standard List Demand - Residential Surcharge amount for FedEx Express and FedEx Ground. At present, FedEx Express and FedEx Ground are the only operating companies supported by List Demand - Residential Surcharge field.
Alternate Demand - Residential Surcharge						
7611	Min=1 Max=11.2	N	O	FDXE FDXG	NA	**Field level:** Shipment **Description** This field is used to return the Alternate Demand - Residential Surcharge amount for FedEx Express and FedEx Ground. At present, FedEx Express and FedEx Ground are the only operating companies supported by Alternate Demand - Residential Surcharge field.
Demand - Additional Handling Surcharge						
7612	Min=1 Max=11.2	N	O	FDXE FDXG	NA	**Field level**: Package **Description** This field is used to return the Discounted Demand - Additional Handling Surcharge amount applicable to dimension, weight, and non-standard packaging for FedEx Express and FedEx Ground. At present, FedEx Express and FedEx Ground are the only operating companies supported by Demand - Additional Handling Surcharge field.
Standard List Demand - Additional Handling Surcharge						
7613	Min=1 Max=11.2	N	O	FDXE FDXG	NA	**Field level**: Package **Description** This field is used to return the Standard List

| Field ID | Field length | Data type | Input Output | FedEx shipping | | Description |
				Service	Valid for	Discounted Demand Surcharge amount for FedEx Express
						Demand - Additional Handling Surcharge amount which is applicable to dimension, weight, and non-standard packaging for FedEx Express and FedEx Ground. At present, FedEx Express and FedEx Ground are the only operating companies supported by List Demand - Additional Handling Surcharge field.
Alternate Demand - Additional Handling Surcharge						
7614	Min=1 Max=11.2	N	O	FDXE FDXG	NA	**Field level**: Package **Description** This field is used to return the Alternate Demand - Additional Handling Surcharge amount for FedEx Express and FedEx Ground. At present, FedEx Express and FedEx Ground are the only operating companies supported by Alternate Demand - Additional Handling Surcharge field.
Alternate Additional Handling Surcharge Type						

7615	Min=1 Max=1	N	O	FDXE FDXG	NA	**Field level**: Package
						Description
						This field returns the type of additional handling surcharge (AHS) applicable for the shipment. This is used specifically for FedEx Express and FedEx Ground. At present, FedEx Express and FedEx Ground are the only operating companies supported by Alternate Additional Handling Surcharge Type field.
						Note:
						Valid Values (if applicable or NA):
						   o 1 — AHS Packaging
						   o 2 — AHS Weight
						   o 3 — AHS Dimension
						   o 4 — AHS Freight

Demand - Oversize Charge						
7616	Min=1 Max=11.2	N	O	FDXE FDXG	NA	**Field level**: Shipment **Description** This field is used to return the Discounted Demand - Oversize Charge amount for FedEx Express and FedEx Ground.

| Field ID | Field length | Data type | Input Output | FedEx shipping | | Description |
				Service	Valid for	Discounted Demand Surcharge amount for FedEx Express
						At present, FedEx Express and FedEx Ground are the only operating companies supported by Demand – Oversize Charge field.
Standard List Demand - Oversize Charge						
7617	Min=1 Max=11.2	N	O	FDXE FDXG	NA	**Field level**: Shipment **Description** This field is used to return the Standard List Demand - Oversize Charge amount for FedEx Express and FedEx Ground. At present, FedEx Express and FedEx Ground are the only operating companies supported by Standard List Demand – Oversize charge field.
Alternate Demand - Oversize Charge						
7618	Min=1 Max=11.2	N	O	FDXE FDXG	NA	**Field level**: Shipment **Description** This field is used to return the Alternate Demand - Oversize Charge amount for FedEx Express and FedEx Ground. At present, FedEx Express and FedEx Ground are the only operating companies supported by Alternate Demand - Oversize Charge field.

15 FedEx Ship Manager® Server utilities

FedEx Ship Manager® Server (FSMS) includes utilities to help you manage the FSMS database, tracking numbers, labels, invoices, revenue and reports.

15.1.1 About FedEx Ship Manager® Server utilities

FedEx Ship Manager® Server utilities assist you to manage shipping labels, updates to data files, discount rates for FedEx Ground® and FedEx Home Delivery®, obtaining new meters and generating reports. Refer FedEx Customer Integration Consultant (CIC) for information about a FedEx transaction verification tool called TransEdit.

15.1.2 TransEdit Utility

FedEx Ship Manager® Server supports the following data elements in the TransEdit Utility.

- Tag # 7700 Minimum Required Number of Air Waybill Copies.

- Tag# 2822-# ETD Document Status

- Tag # 2944 Recipient Address Line 3

FSMS will add the following values for tag# 2822-# ETD Document Status:

- 11 - Prohibited Document

- 12 - Document Past Cutoff Time

- 13 - Maximum Number Exceeded (transaction or shipment)

FSMS provides the following additional service options under the **Special Services** drop down menu in the TransEdit Utility:

- Print Returns

- International Shipment with Electronic Trade Documents (ETD) at ship time

- DG/HAZ/ADR (none DG Data upload mode)

- DG/HAZ/ADR (DG Data upload mode)

- ADR

TransEdit Utility is updated with the following data elements for tag# 187 (Label Format Value/Printer Type Indicator):

- PDF = PDF 4x6 Label Image with Instructions, for 8 ½ x 11 stock

- 46P = PDF 4x6 Label Image with white space, for 8 ½ x 11 stock

- 49P = PDF 4"x9" Label Image with white space, for 8 ½" x 11" stock

- 48P = PDF 4"x8" Label Image with white space, for 8 ½" x 11" stock

- 46T = PDF 4x6 Label Image, for 4x6 stock

- 67P = PDF 4"x6.75" Label Image, for 4x6.75 stock

- 67L = 4"x6.75" PNG

- 49T = PDF 4"x9" Label Image, for 4x9 stock

- 48T = PDF 4"x8" Label Image, for 4x8 stock

Figure 57: TransEdit Utility
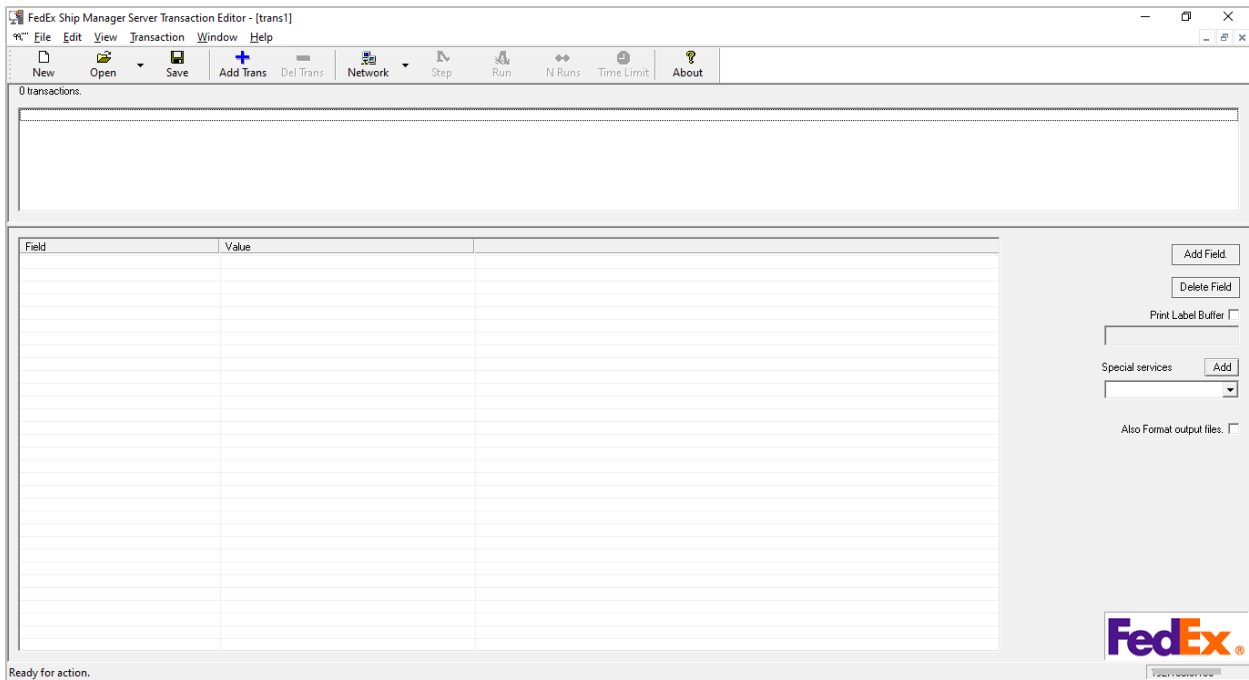
Table 167: At-A-Glance FedEx Ship Manager® Server utilities

Utility	Description
Custom Label Generator Utility	Produces and prints a custom non-shipping label using the following label formats: 4"x 6" Doc-tab, 4" x 6" (Non Doc-tab), 4"x 6.75" Doc-tab, 4"x 6.75" Non Doc-tab 4" x 8" and 4" x 9".
Demand Download Utility	Automatically updates several data files for routing, rating and tracking number management, as well as software updates.
GoToAssist Utility	Facilitates remote access support for FedEx Ship Manager®(FSMS).
Label Reprint Utility	Reprints labels and Future Day shipment labels up to 48 hours ahead of the ship date.
Meter Registration Utility	Assists you to obtain new meter numbers for your FSMS software.
Report Viewer Utility	Generates FSMS reports using information in the FSMS database.
Ship Manager Server Console	Use to view information about FSMS and configure alert messages for delivery using email or over a TCP/IP port.

15.1.3 Service options for TransEdit Utility

Table 168: Service option tags for TransEdit Utility

| Field ID | Field length | Data type | Input Output | FedEx shipping | | Description |
				Carrier Code (Services)	Valid for	Service Option tags for the TransEdit Utility
Add Service Option						
5400	Min=2	AN	I/O	FXE	NA	**Field Level:** Shipment and Package* **Optional** **Description** The Add Service Option tag allows the customer to add a Service Option/Special Service to a shipping or routing transaction. The values within the tag are a comma separated list. When used as a **Single piece** in a single-shot transaction, the format is similar to: 5400,"M1, HC, HO" **Multi-piece** in a single-shot transaction, the format is similar to: 5400,"M1, HC, HO"5400-2,"HD, HH"5400-3,"HE" **Open shipment** ("create/add/add/.../add/confirm") - The format for the 1st piece / create transaction includes a shipment level indicator (such as HAL) similar to 5400,"01" - The format for each add a piece transaction is package level values similar to 5400,"06" *Note:* *Based on MPS shipping scenarios the service options vary at the package level, while service options vary at the shipment level.* List of Service codes are available in *FedEx Ship Manager® Server - Transaction Coding Reference Guide.*
Remove Service Option						
5401	Min=2	AN	I/O	FXE	NA	**Field level:** Shipment and Package* Optional **Description** The Remove Service Option tag allows the

| Field ID | Field length | Data type | Input Output | FedEx shipping | | Description
Service Option tags for the TransEdit Utility |
				Carrier Code (Services)	Valid for	
						customer to remove a Service Option/Special Service from a transaction. The option is a comma separated list of the valid values to be removed. The service option could be added multiple times (For example 01, 01, 01, etc.) *Note:* **Based on MPS shipping scenarios the service options will vary at the package level, while others will vary at the shipment level.*
Integration Mode						

5402	Min = 2
	Max =2
		AN	O	FXE	NA	**Field level:** NA
						Optional
						Description
						The Integration Mode tag is used return the information to the customer of when a Service Option/Special Handling is considered a Standard Service Option or a Custom Service Option. Service options are custom and standard based on whether additional integration effort is required by FedEx internal systems and to external customers in order to offer the service option.
						
						Note:
						Valid Values are 1 and 2
						
						     o 1: Custom
						     o 2: Standard
						The Integration Mode tag is used to retrieve service option information.

15.2 Custom Label Generator Utility

The Custom Label Generator Utility allows you to produce and print a custom non-shipping label using the following label formats:

- 4" x 6" Doc-tab, and 4" x 6" (Non Doc-tab)
- 4" x 6.75" Doc-tab, and 4" x 6.75" (Non Doc-tab)
- 4" x 8", and 4" x 9"
- 4" x 8.5" Tire Label
- 4" x 10.5" Tire Label

The Utility generates an XML file for your custom labels. You can create both thermal and plain paper labels. Custom Label Generator Utility shows the FSMS Custom Label Generator Utility user interface.

Figure 58: Custom Label Generator Utility
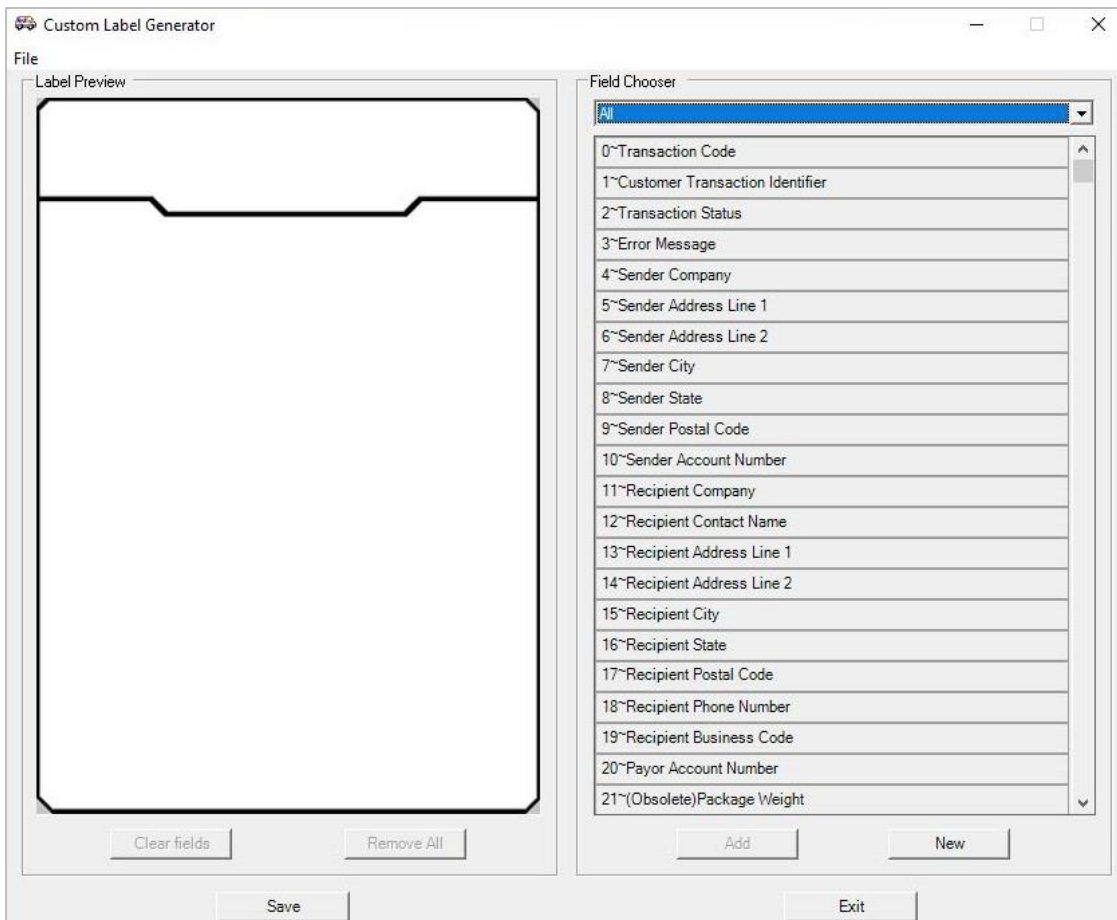
To use the Custom Label Generator Utility

1. Open the Custom Label Generator Utility and design your label.

2. Select the FSMS fields you want to use from the left-side panel and format them in the label window on the right.

*Note: You must use different files for thermal and plain paper labels. Use the **Format** value on the **Properties** dialog (select **File > Properties** in the Utility menu bar) to differentiate the files.*

3. Save the XML file you have generated to the FedEx\FedEx_Label\Customfolder. For example, you might save the file as Custom1.xml.

4. Add the XML file to the FedEx\FedEx_Label\Custom\customlayout.dat file.

5. Stop and start the Open Ship and Printing Services.

6. Run the *020 Global Ship Request* transaction using Field 1980 (XML Non-Shipping Label) and Field 2444 (Non-Shipping Label Flag). Set the value in Field 1980 to the file name of the generated XML file. Set the value in Field 2444 to **Y**. *See* sample transaction below.

Note:

- *Use the "thermal" version of the XML file for thermal labels and use the "paper" version of the XML file for plan paper labels.*

• *Ensure that the secondary customizable label formats (font, 1D barcode, and so forth) are properly selected to get the correct label output. Custom labels are not FedEx shipping labels and are used to print customer-selected information on labels that accompany the normal FedEx shipping label. If you are interested in creating custom shipping labels, contact your FedEx account representative. Custom shipping labels must be approved by FedEx to ensure they can be ready by FedEx automation devices.*

Figure 59: Doc tab Settings tab for FedEx Express
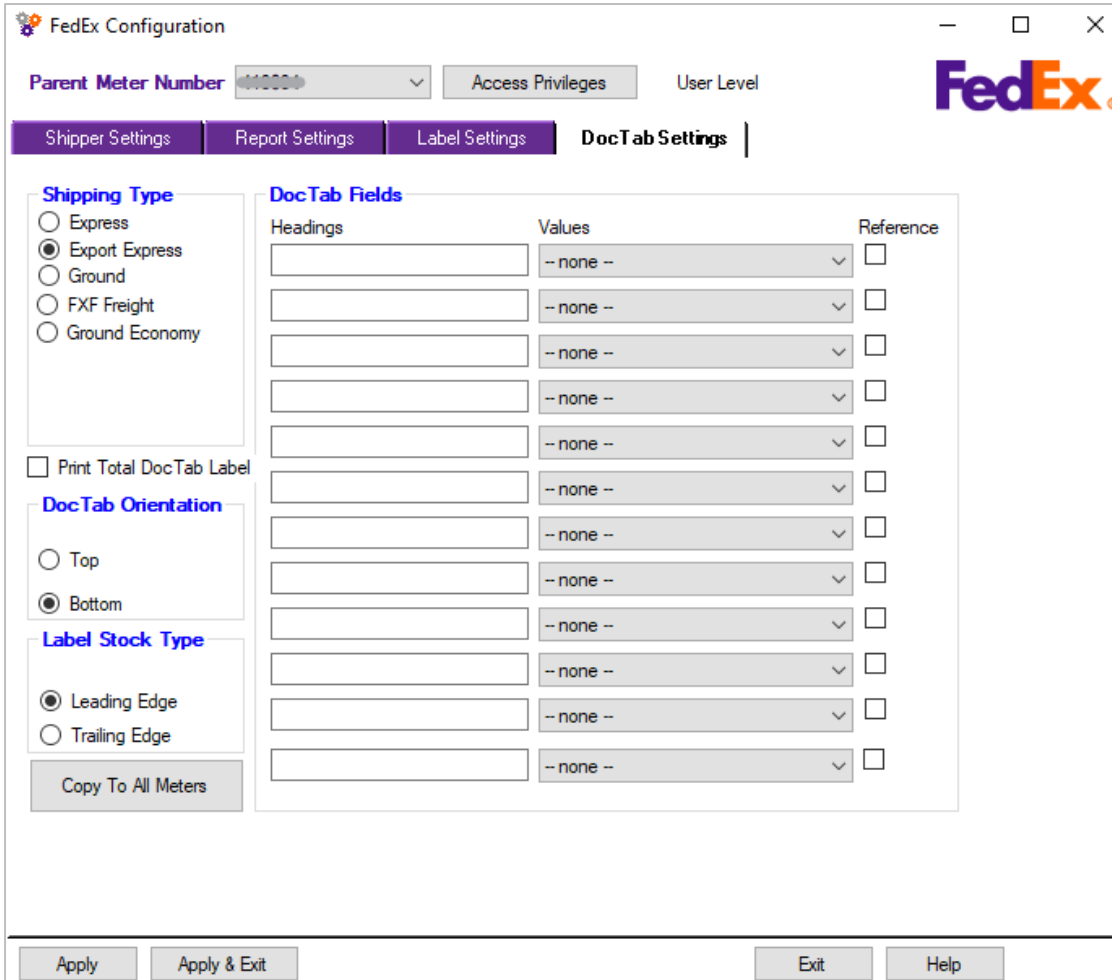
FSMS supports the following new Field Chooser values for the Doc tab selection for ADR Surcharge data:

• 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

• 4035 - Alternate Fully Regulated Dangerous Goods (FDG) Surcharge

• 4036 - Alternate Limited Quantities Dangerous Goods (LDG) Surcharge

The new drop-down value "Pay type" has to be added for the Doc tab selection of Third Party Billing data when the Shipping Type radio button selection is "Ground® Economy".

The new drop-down values for the Doc tab selection of Total Ancillary Fees and Taxes data when the

Shipping Type radio button selection is "Ground ".

- Total Ancillary Fees and Taxes

- List Total Ancillary Fees and Taxes

- Alternate Total Ancillary Fees and Taxes

- Total Net Charge with Ancillary Fees and Taxes

- List Total Net Charge with Ancillary Fees and Taxes

- Alternate Total Net Charge with Ancillary Fees and Taxes

FedEx Express U.S. Request for Custom Label Transaction

0,"020"1,"Auto Step 001 DOM PO YP"10,""11,"Custom Label on FXRS084X builds"12,"Auto Step 001"13,"387 Main Street"14,"FEDEX PARKWAY"15,"New York"16,"NY"17,"10001"18,"1234567890"20, ""23,"1"24,""25,"Custom Label on FXRS084X builds"26,"100"50,"US"75,"lbs"117,"US"187,"PNG"498, ""999,"ABC Co"1116,"IN"1273,"01"1274,"01"1670,"100"1980,"Custom1.xml"2444,"Y"99,""

15.2.1 Download using Demand Download Utility

If you need to have the data files updated prior to system Reconcile (for example, if you need a new tracking number range), use the Demand Download Utility to initiate the request. With the help of the Demand Download Utility, you can download the system data, meter data, perform reconciliation and know available upgrade details.

15.2.2 Downloading System Data

To download the system components by using the Demand Download Utility, perform the following steps:

1. Navigate to the **FedEx Ship Manager® Server** folder on your desktop and double-click the **FSMS Demand Download** icon.

2. The **FedEx Demand Download** dialog box appears.

3. On the **Demand System Data** tab, in the **System Wide Data** section, select the checkbox next to each of the items you want to download and click **Download**. If an item is not available for the selected meter, it is disabled. The URSA Table, Software, Shipping Tables, and Maintenance items are loaded for the parent meter only.

Figure 60: FedEx Demand Download
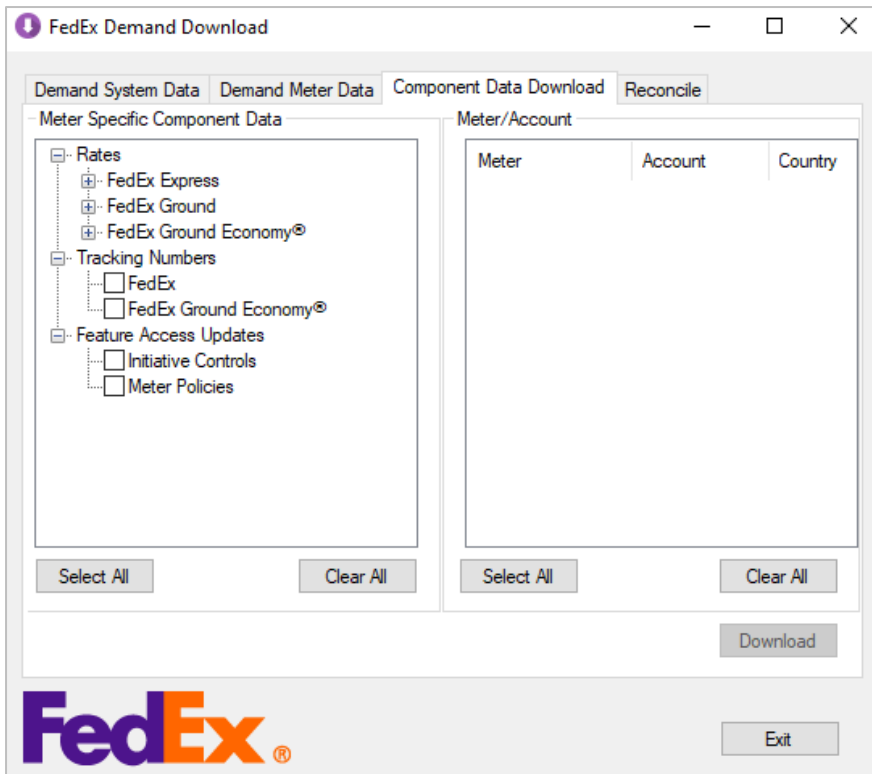
4.   The screen that displays the download status of the System Component download is displayed.

Figure 61: System Component Status screen
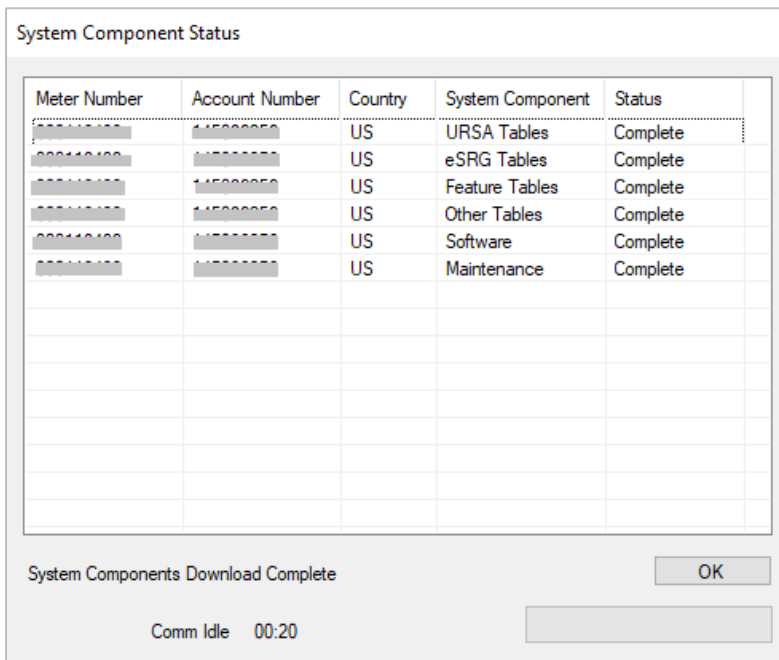
Note: Use below options to download policies and json files in case the hourly automatic download doesn't run or if you configure any new meters or if you want to update rates and policies for existing meters.

Use "Feature Tables" option to:

- *Download Doc/Non-Doc policy grid named DETERMINE_SHIPMENT_CONTENT_TYPES.*

- *Download REBS_Routing policy grid so that CRSV can use the file.*

- *Download existing policy grid.*

Use "Other Tables" option to:

- *Download Vague Description Data and message files to validate the vagueness of a description.*

- *Download Reference to provide a link to a document description, advisory, etc. and a single or complete list of regulatory document(s), statement(s) or advisory(ies) available which apply to the shipment.*

- *Download Find International Documents (FID) PDF templates.*

15.2.3 Downloading Meter Data

To download the meter specific information by using the Demand Download Utility, perform the following steps.

1. Navigate to the **FedEx Ship Manager® Server** folder on your desktop and double-click the **FSMS Demand Download** icon.

2. The **FedEx Demand Download** dialog box appears.

3. Click the **Demand Meter Data** tab.

4. Click the meter for which you want to perform a download and, in the Meter Specific Data section, select the data you want to download and click **Download**. You can download FedEx Express rates and tracking numbers, if necessary, for each individual meter in your list (both master and child).

   Note:

   - *You can run only one instance of FSMS Demand Download Utility.*

   - *Files only for the parent meter are system level components and are not meter-specific.*

   - *The system allows you to download the DLL with new component 058. The DLL is updated with new data.*

   - *If a domestic rate/list/intra file is missing, expired, or corrupted, the system attempts to auto download domestic rate/list/intra file only for the parent meter.*

   - *If an intra country rate file is missing, expired, or corrupted, the system attempts to auto download intra country rate file only for countries that supports intra country shipment.*

Figure 62: Demand Meter Data tab in FedEx Demand Download screen
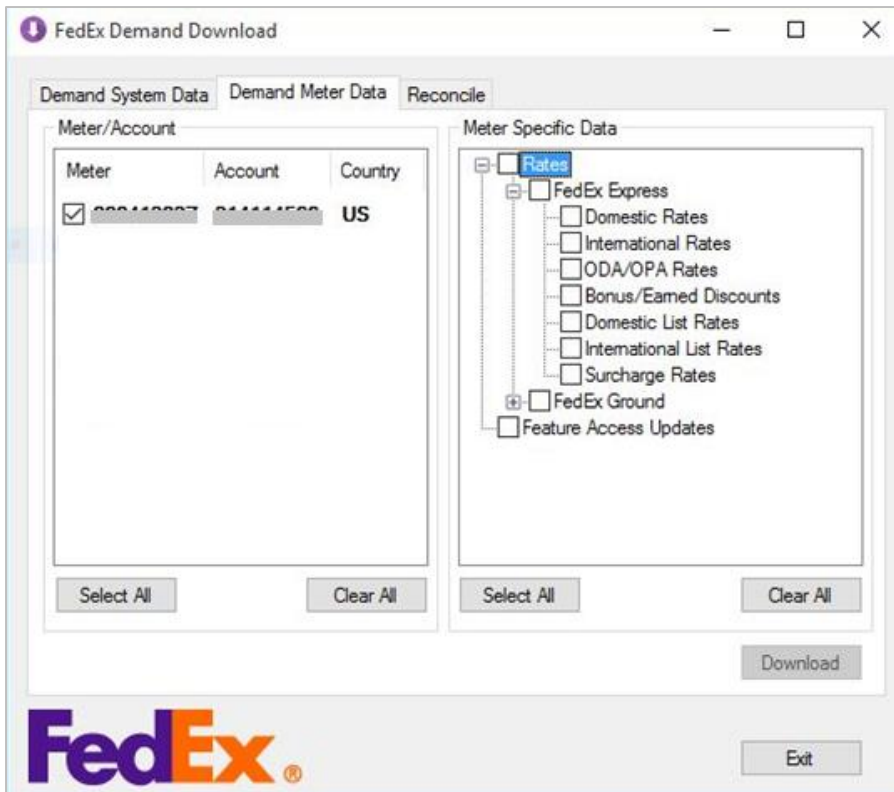
5. The screen that displays the Meter Specific status of the download is displayed.

6. You can download the following rates for each individual meter in your list (both master and child). FedEx Ship Manager® Server downloads the Bonus Discounts via DLL (Downline Load) at reconcile time.

- Express Domestic Rates/Discounts

- Express International Rates/Discounts

- ODA/OPA

- Express Earned Discounts

- EU Postal Surcharge

- Express Domestic List Rates

- Express International List Rates

- Ground Earned/Discount Rates

- Ground List Rates

- Ground® Economy Rates

- Ground® Economy List Rates

- Ground® Economy Earned Discount Rates

Figure 63: Meter Specific Status screen

Download Ground® Economy Meter Rate and Tracking Number

7. Once the domestic rates or the international rates are downloaded, the Ground® Economy checkbox appears in the Rate and in the Tracking Numbers section. To download the Ground® Economy rates and the tracking numbers, select the Ground® Economy checkboxes and click **Download**.

15.2.4 Reconciling manually

To manually reconcile by using the Demand Download Utility, perform the following steps.

1. Navigate to the **FedEx Ship Manager® Server** folder on your desktop and double-click the **FSMS Demand Download** icon.

2. The **FedEx Demand Download** dialog box appears.

3. Click the **Reconcile** tab. Select the meter which you want to reconcile and click **Reconcile**.

Figure 64: Reconcile tab in FedEx Demand Download screen

4. The screen that displays the Reconcile status of the download is displayed.

Figure 65: Reconcile Status screen

5. Once all the download is completed, click **Exit** to exit the Demand Download Utility to
    implement the components that are downloaded.

    *Note: FedEx Ship Manager® Server does not implement the data you downloaded until you completely exit
    the Demand Download Utility.*

15.2.5 Upgrade Utility tab

To check available upgrade details, use the Upgrade Utility tab.

1. Navigate to the **FedEx Ship Manager® Server** folder on your desktop and double-click the FSMS Demand Download icon.

2. The **FedEx Demand Download** dialog box is displayed.

3. Click **Upgrade** tab. The tab displays details on latest features, and available versions.

   Note: Upgrade tab is available after each upgrade, perform Meter data download to enable upgrade tab functionalities or contact FedEx Support.

Figure 66: Upgrade details tab
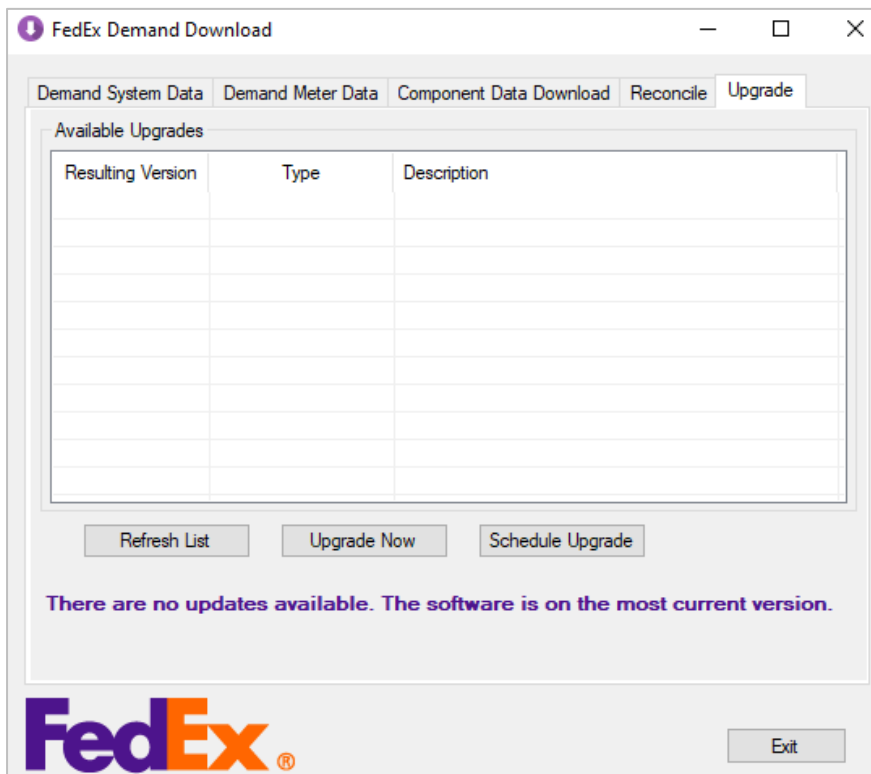
15.2.5.1   Password Validation

To Enable or disable Upgrade using Demand Download Utility, use the Enable Upgrade option in FedEx Ship Manager® Server Configuration> System Settings screen. To Enable Upgrade,

1. Open **FedEx Ship Manager® Server Configuration** screen
2. Select **System Settings** tab
3. Select **Enable for Upgrade** option
4. Enter same **Password** in both the fields as shown in image below.
5. Click **Apply**.

Note: Add new password to Enable Upgrade option in System Settings tab after a fresh installation and continue to use the same password for successive upgrades. The password remains unchanged with successive upgrades .

Figure 67: System Settings tab

Use the **Upgrade tab** in **Demand Download** Utility is enable/disable upgrade utility.

Note: The Password field appears red to indicate mismatched entry.

15.2.5.2   On Demand Download Functionality

The **Upgrade tab** provides options to Check for latest upgrades, Upgrade instantly or to schedule a required upgrade. There are three options associated with the functionality,

1. The **Refresh List** button - This allows the user to recheck the policy grid for latest changes.
2. The **Upgrade Now** button – This provides upgrade functionality from the list of available upgrades. Selecting this option will display a popup, with the message **Authorization to Perform an Upgrade**. If no upgrade has been selected, then an error popup message box will be displayed.
3. The **Schedule Upgrade** button – This enables a scheduled upgrade. Selecting this option will display a popup, with the message **Authorization to Schedule an Upgrade**. If no upgrade has been selected, then an error popup message box will be displayed.

Note: The Upgrade tab is visible and for builds that are upgraded over an old version and not for freshly installed builds.

Figure 68: Upgrade Utility tab

15.2.5.3   Authorization to Perform Upgrade

The option to Upgrade or Schedule Upgrade requires authorization to proceed with, and to ensure secured upgrades. The **Authorization to Perform an Upgrade** screen displays below details.

Perform an Upgrade – provides details on chosen upgrade **From** (lower version) and **to** (applicable higher version) versions.

Upgrade Description – provides details on features included in the upgrade.

Special Instructions - provides instructions on upgrade dos and don'ts.

To Authorize Upgrade,

1.   Select **Upgrade Now** or **Schedule Upgrade** option
2.   **Authorization to Perform an Upgrade** screen is displayed.
3.   Enter Password in the **enter Password** field.
4.   Select **OK** to initiate upgrade or select **Cancel** to return to previous step.

Figure 69: Authorization to Perform an Upgrade

Note: The OK button is displayed only when a valid password is entered.

15.2.5.4   Upgrade Now option

The Upgrade Now option initiates upgrade on authorization. To Upgrade,

1. Click **Upgrade Now** option in **Upgrade tab**.
2. **Authorize Upgrade** screen is displayed.
3. Enter password to authorize, and then click **OK** to initiate upgrade.

A screen with component upgrade status is displayed. The system component status displays two entries.

   a.   First entry is **Staging**, followed by **Staging Complete** or **Staging Failed** or **Comm Error**.

Figure 70: Upgrade Now – Staging, Staging Complete and Pending status

   b.   Second entry displays status **Pending** followed by **Complete** or **Failed** or **Comm Error.**

Figure 71: Upgrade Now – Failed, complete and Comm Error

Successful staging will download and perform the upgrade similar to using **Demand System Data** tab by selecting **Software** checkbox.

15.2.5.5   Schedule Upgrade option

The Schedule Upgrade option initiates upgrade on authorization. To Upgrade,

1. Click **Scheduled Upgrade** option in **Upgrade tab**.
2. **Authorize Upgrade** screen is displayed.
3. Enter password to authorize, and then click **OK** to initiate upgrade.

A screen with component upgrade status is displayed. The system component status displays a single-entry **Staging** followed by **Staging Complete** or **Comm Error**. Successful staging will download and perform the upgrade during scheduled maintenance window(s).

Figure 72: Schedule Upgrade status – Staging and Comm Error

*Note: Once the staging tis complete, the upgrade can also be performed using **Demand System Data** tab by selecting **Software** checkbox.*

15.2.6 Component Data Download

Meter specific component data is downloaded using Component Data Download Utility.

1. Navigate to the **FedEx Ship Manager® Server** folder on your desktop and double-click the FSMS Demand Download application.
2. The **FedEx Demand Download** dialog box is displayed.
3. Click **Component Data Download** tab. The tab displays list of meter specified component data that can be downloaded for specific meter.

Figure 73: FedEx Demand Download – Component Data Download
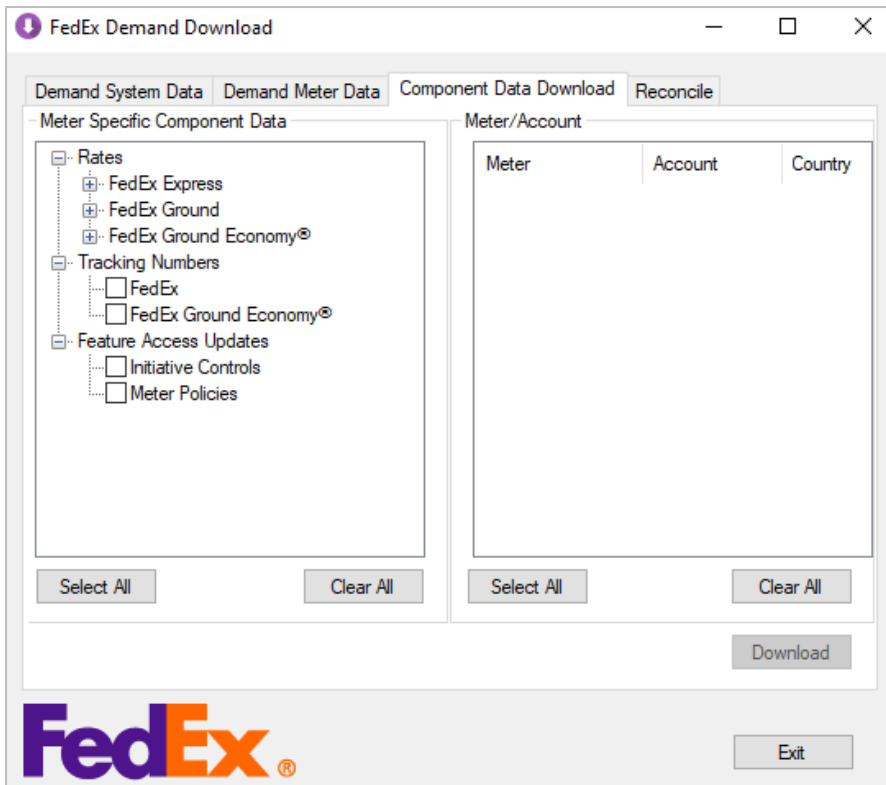
15.3 Remote Troubleshooting session via FedEx HelpMe

To facilitate remote access support for FSMS, FedEx has implemented the **Remote Troubleshooting Session**.

FedEx Help Desk representatives initiate and execute the troubleshoot issues remotely to an FSMS client. When instructed by a FedEx customer service representative, navigate to the FSMS folder on the desktop and double-click on the **HelpMe FedEx** icon to establish a remote troubleshooting session.

Remote Troubleshooting Session is an Internet-based technology that enables help desk representatives to deliver live technical support anywhere in real-time. With this technology, a representative can complete the following tasks on your computer:

- Communicate using a Chat window
- View your desktop or allow you to view the Help Desk representative's desktop
- Use the pointer tools (draw, highlight and laser) on the shared desktop
- Share control of mouse and keyboard
- Push web pages
- Send and receive files
- Transfer a session to an escalation desk
- Use diagnostic tools to retrieve key information about the status of the target computer

System Requirements

Customer system:

- Required: Internet Explorer or Netscape Browser 4.0 or higher

- Required: 28.8 Kbps or greater connection, 56K recommended

- Recommended: Pentium-class PC running Windows 95, 98, 2000, Me, or NT4.0

- Recommended: Ability to make direct outbound TCP connections or availability of an HTTP proxy or a SOCKS server

Remote Troubleshooting Session with Local Screen Sharing/Viewing enabled:

- Required: Windows 95 (WinSock 2 recommended), 98, 2000, Me, or NT 4.0

- Recommended: Minimum of Pentium 300 with 64MB of RAM

- Recommended: Stable Internet connection with 56K or better

- Recommended: Ability to make direct outbound TCP connections or availability of an HTTP proxy or a SOCKS server

15.4 Label Reprint Utility

The Label Reprint Utility allows you to reprint FedEx labels. These labels remain in the Reprint database for up to 48 hours after the ship date before they are purged.

Alternately, you can use the 095 Label Reprint Request transaction to reprint labels. Fields required for this transaction are provided in the FedEx Ship Manager® Server Transaction Coding Reference Guide.

Note: The current functionality of the Label Reprint Utility is modified to allow laser labels to be reprinted for plain papers for international as well as non-U.S. domestic shipments.

The reprint function allows you to:

- *Reprint a label up to a maximum of 48 hours from the ship date, but the calendar day for the reprint must be no greater than the day after the ship date. For example, if you ship a two-package FedEx Express International shipment on 12/15/05 at 16:30 (4:30 PM), you have up to 22:59 (11:00 PM) of the entire next day (12/16/05) to reprint the label.*

- *Reprint Future Day shipment labels using the same time frame. You can reprint a Future Day shipment label until the ship date. Then, you have up to a maximum of 48 hours from the ship date and time (up to the next calendar day from the ship date) to reprint the label.*

To reprint a FedEx label:

1. Navigate to the FSMS folder on your desktop.

2. Double-click the **Reprint Label Utility** icon.

3. The **Reprint Label Utility** window displays, as shown in Reprint Label Utility Window, listing all shipments available for label reprint ordered by tracking number.

Figure 74: Reprint Label Utility window

4. In the **Meter Number** list, choose the number of meter from which you shipped the label to be printed.

5. All the shipments that were created within the last 48-hour reprint period display in the **Tracking Number** list. Highlight the tracking number of the shipment whose label you want to reprint.

6. Select the output source for the label from the options listed in Table 265.

Table 169: Reprinting labels

For this label format…	Click the printer icon in this field and select a printer.
Plain paper (non-thermal) label	Laser field
Thermal 4" x 6" label	Thermal field
Multi-ply air waybill label	MAWB field

7. In **Type**, select one of the following label types:

   o 306 — label with preprinted tracking number
   o 307 — label without preprinted tracking number
   o 362 — French-language label without preprinted tracking number

8. Click the **Reprint Label** button. The label you selected is sent to the default thermal (or laser) printer listed in the **Printer** section at the bottom of the **Label Reprint Utility** window.

9. Click **OK** to print the label or click **Cancel** to exit the Label Reprint Utility without printing a label.

To change the default label printer before reprinting a label:

1. Click the **Printer** icon on the Thermal label (or Laser label) at the bottom of the **Reprint Label** window.

2. Select the printer you want from the list.

3. Click **OK**.

15.5 Meter Registration Utility

The Meter Registration Utility helps you obtain new meter numbers for your FSMS software. Use the Meter Registration Utility to download the following meter-related information:

- FedEx Express—tracking numbers

- FedEx Express U.S.—rates

- FedEx Express International—rates

- FedEx Express International Return Shipments—Currency Conversion Rate File (available only for the parent meter)

- FedEx Ground—discount rates

- URSA

- List rates

- Shipping tables

- FedEx Ground® Economy – Rates and Tracking Numbers

  Note:

- *This Utility was previously called the Automatic Configuration Utility (ACU).*

- *If you are using the FedEx Ground® Economy Auto configuration feature, you must download FedEx Express Domestic Rates and Ground® Economy Rates. This initiates the data download within the Ground® Economy Settings tab. If you do not download FedEx Express Domestic rates, a manual configuration of FedEx Ground® Economy settings will be required. Another option to download rates is to run the 057 Demand Download Request transaction.*

Getting a New Meter

The Meter Registration Utility is the preferred way to obtain a new meter number. Alternately, you can obtain a new meter by submitting a 035 Child Meter Registration Request transaction.

To obtain a new meter:

1. Navigate to the **FedEx Ship Manager® Server** folder on your desktop.

2. Double-click the **Meter Registration** icon. If the message "This Device has been configured not to allow Multiple Child Meters", contact your FedEx customer service representative about allowing multiple child meter numbers for your FSMS application.

3. The **FedEx Meter Registration Utility** dialog open, as shown in FedEx Meter Registration Utility Dialog.

Figure 75: FedEx Meter Registration Utility dialog

4. If you do not have a parent meter number, enter your account number, and zip code and click **Next** to continue.

5. If you have a parent meter number, the dialog box populates the respective fields. Click **Next** to request a new child meter.

6. If you are requesting a new child meter number, the FedEx Meter Registration Utility dialog box displays your account number and parent meter number.

7. Enter the required information.

8. Click **Next**.

9. The Meter Registration Utility displays the status as it processes your request, as shown in FedEx Meter Registration Status.

Note: The 'State/Province' drop-down list values are sorted in alphabetical order to optimize user experience. The 2-character state codes are listed in the ascending order(A-Z).

Figure 76: FedEx Meter Registration status
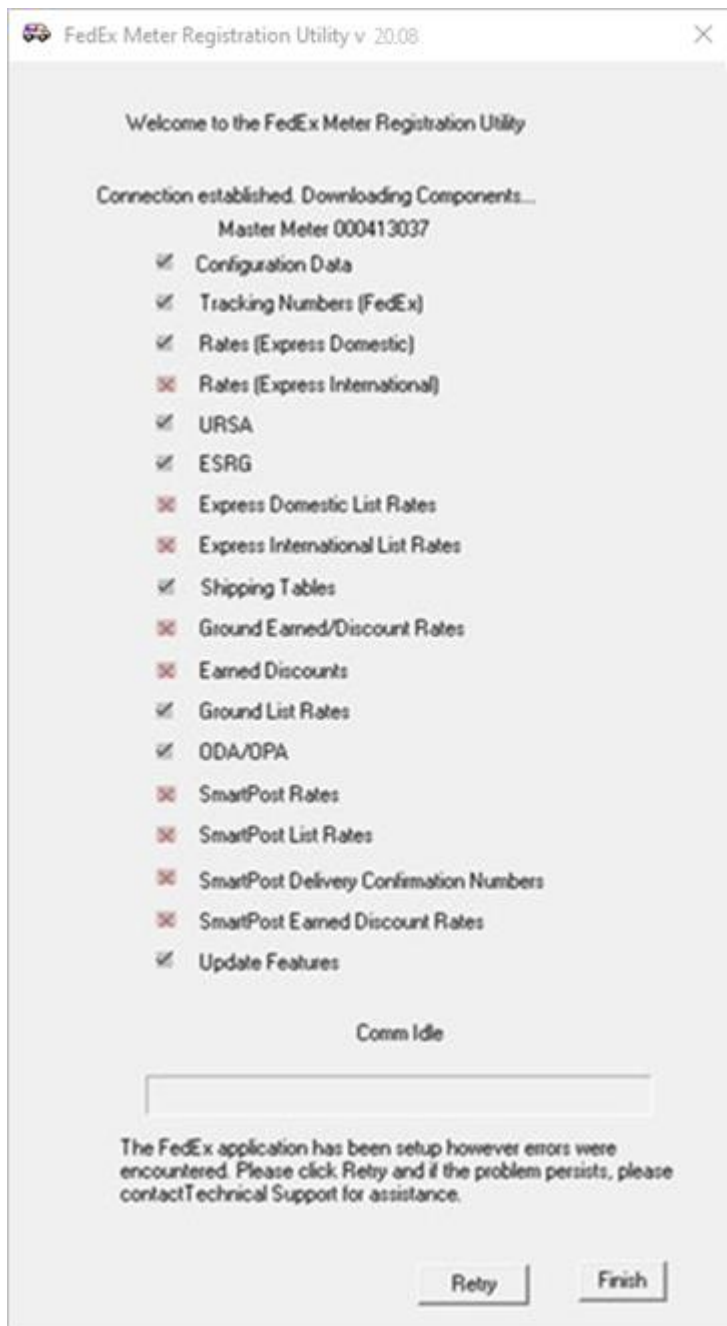
The activity window is dynamic and has markers indicating the status of each component. The markers and associated descriptions in Figure 84 are:

- A yellow dot indicates that the component download is in progress.

- A checkmark indicates that the component successfully downloaded.

- A red X indicates that the component failed to download.

  Note: If the Meter Registration Utility fails to register or re-register a meter, it does not mean that FSMS is not installed properly.

The Meter Registration Utility attempts to download the eight components shown on the screen, but only the Configuration Data (data provided during the installation process or in the fdxinstall.dat file) is required to complete a successful registration. If any other component fails to download, a re-attempt

option is provided after the registration process is completed or the component can be downloaded via the Demand Download Utility.

The system allows you to download the 058 component from the DLL. The DLL is updated with the new meter specific data. Once the download is successful, the Rates drop down will display the data with new options.

Figure 77: FedEx Demand Download

Note: When Rates (Express Domestic) checkbox is checked, and the new DLL component 058 fail to download, the overall download status should not be affected or return an error. FedEx Ship Manager® Server shall support the 154 component to download through the Meter Registration Utility via the Rates (Express International) checkbox.

Note: You can run only one instance of FSMS Meter Registration Utility.

15.6 Exporting and importing meter information

The FSMS Meter Migrator Utility provides the ability to export and import the meter and account information and configuration. This Utility helps set up a new system faster than a manual configuration. It allows you register and configure account and meter information automatically.

The FSMS Meter Migrator Utility can be used across all the FSMS versions. It contains the Import and Export functionalities. The Import functionality allows you to automatically download rates, tracking numbers, and shipping tables. The Export functionality copies and exports the Account and Meter configuration information and then imports into a new system.

Using the Export and Import functionalities, you can also export additional meter configuration information, which can be imported via the 070 Meter Query/Configuration Update transaction. The automatic download and inclusion of additional meter configuration can be disabled prior to the

Export or Import process.

**Figure 78: FSMS Meter Migrator Utility screen**

15.6.1 Export functionality

To export meter account information and other configuration details by using the Meter Migration Utility, perform the following steps:

1. Double-click the **FedEx Meter Migrator** Utility icon to display the **FSMS Meter Migrator** window.

2. Click **Export.** Navigate to the file to which all the meter information needs to be exported and then click **Save.**

   *Note: You can also export additional meter configuration by selecting the **Export Additional Meter Configuration** checkbox.*

Figure 79: Exporting Meter Information file
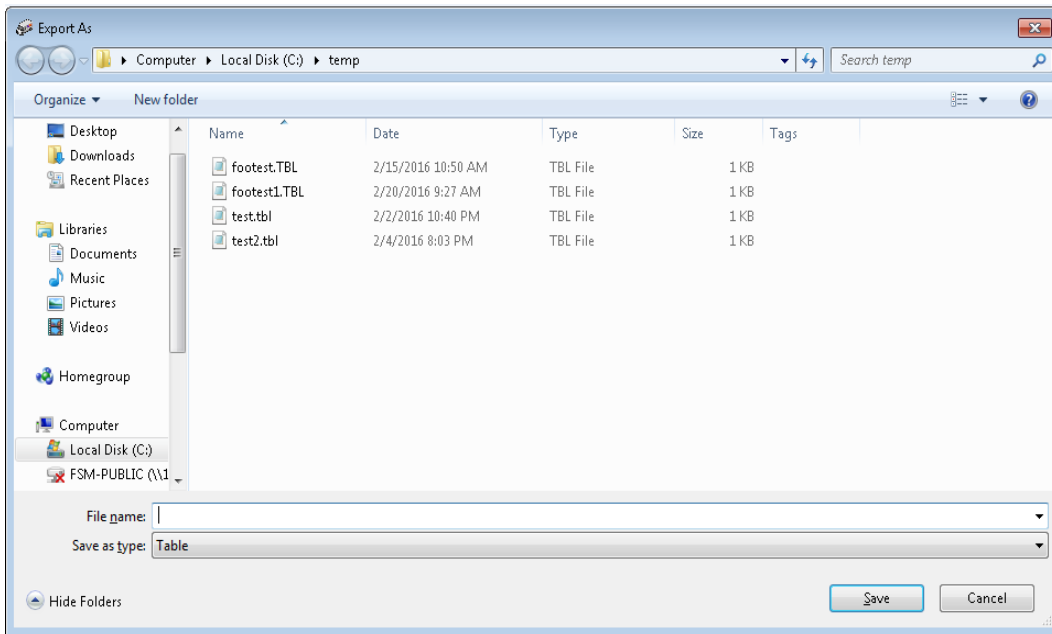
3. During the Export process, the Utility returns the **Confirmation Save As** message, which states if the selected file already exists. Click **Yes** if you want to replace the file and the **Export** process will begin.

Figure 80: Confirm Save As message
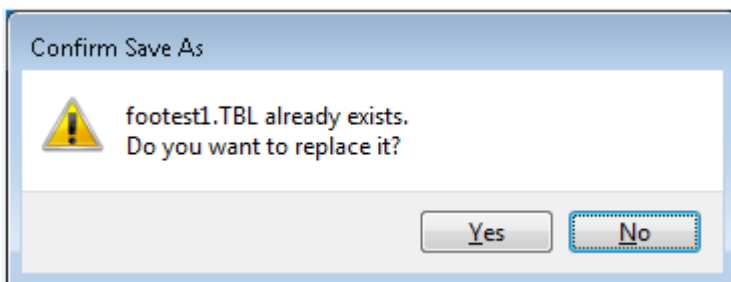
4. Once the export is completed, the Export Complete status is displayed on the FSMS Meter Migrator screen.

Figure 97: Export operation

:
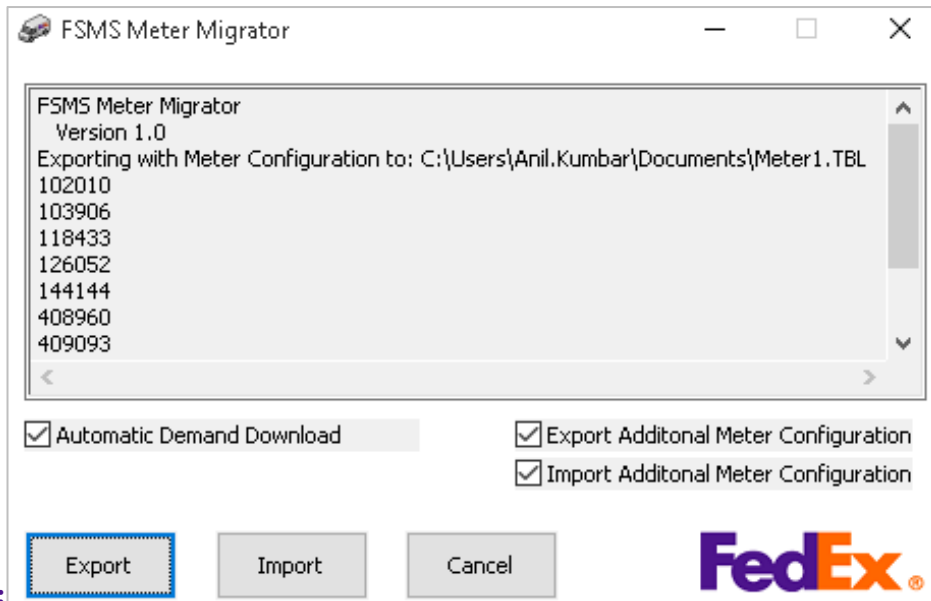
15.6.2 Import functionality

To import meter account information and other configuration details by using the Meter Migration Utility, perform the following steps:

1. Double-click the **FedEx Meter Migrator** Utility icon to display the **FSMS Meter Migrator** window.

2. Click **Import**. Navigate and select the file that need to be imported, and then click **Open.** If the file selected file is in an unacceptable format, then a warning message is displayed. You can also import additional meter configuration by selecting **Import Additional Meter Configuration** checkbox.

Figure 98: Importing a file
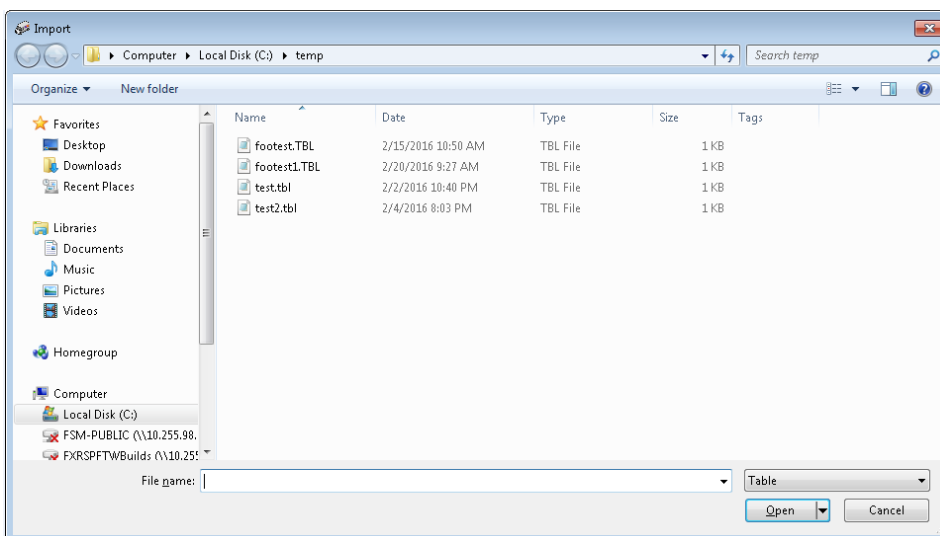
3. Once the import process is completed, the **Import Complete** status is displayed on the FSMS Meter Utility screen.

Figure 99: Import operation
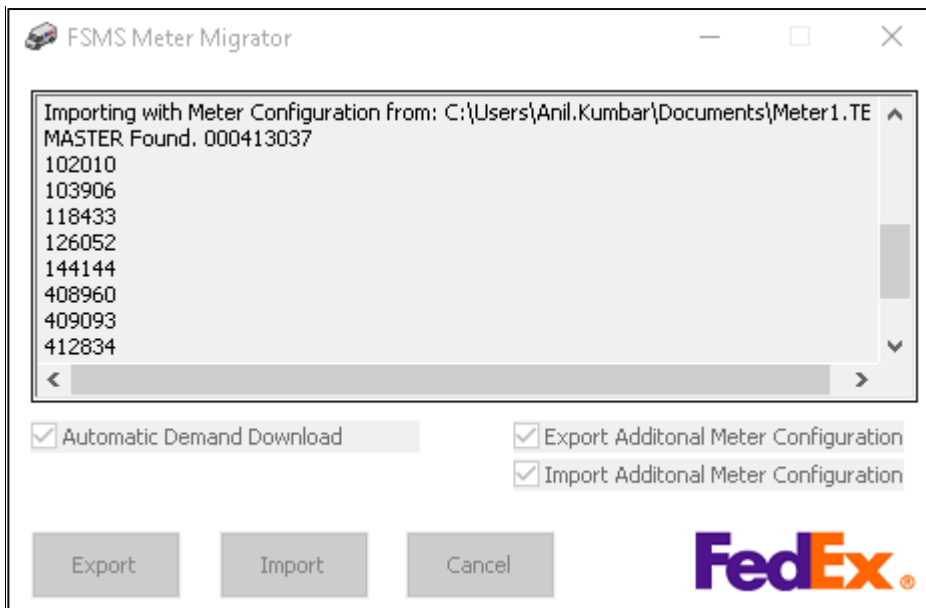
4. After importing the configuration, if required, select the **Automatic Demand Download** checkbox, and click **Import** to download the following components.

- Express - Discount, International, ODA/OPA, Bonus/Earned, Domestic List, International List and EU Postal

- Ground - Discount & List

- Ground® Economy - Discount & Earned Discount

- Tracking Numbers - FedEx & Ground® Economy

- Shipping Tables - URSA, eSRG, Feature Tables & Other Tables

15.7 Quick Clean Utility

FedEx Ship Manager® Server users typically install or upgrade FSMS in a test environment and verify various test shipment scenarios to ensure integration success with FSMS. Since test data is created and test shipments does not get uploaded to the FedEx network, the Quick Clean Utility is used to systematically remove this test data from the FSMS application.

Note: You can run only one instance of FSMS Quick Clean Utility.

15.7.1 Quick Clean Utility functional flow

When the Quick Clean Utility is started, the following functional process takes place.

Figure 100: Quick Clean Utility functional flow
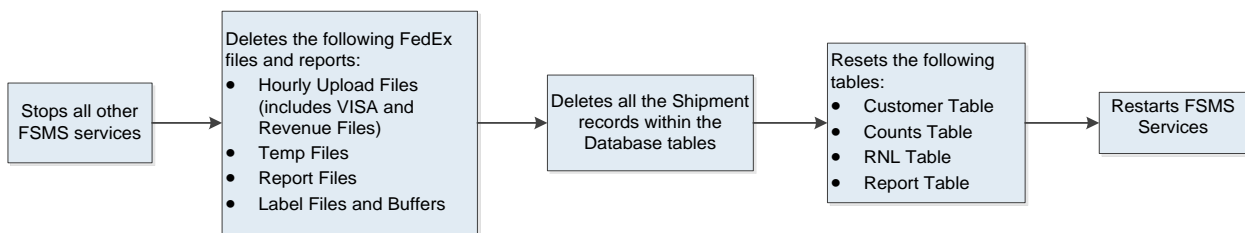
Perform the following steps to use the Quick Clean Utility:

1. Double-click the **FSMS System Quick Clean** Utility.
2. The **FSMS System Quick Clean** screen is displayed.

Figure 101: FSMS System Quick Clean screen
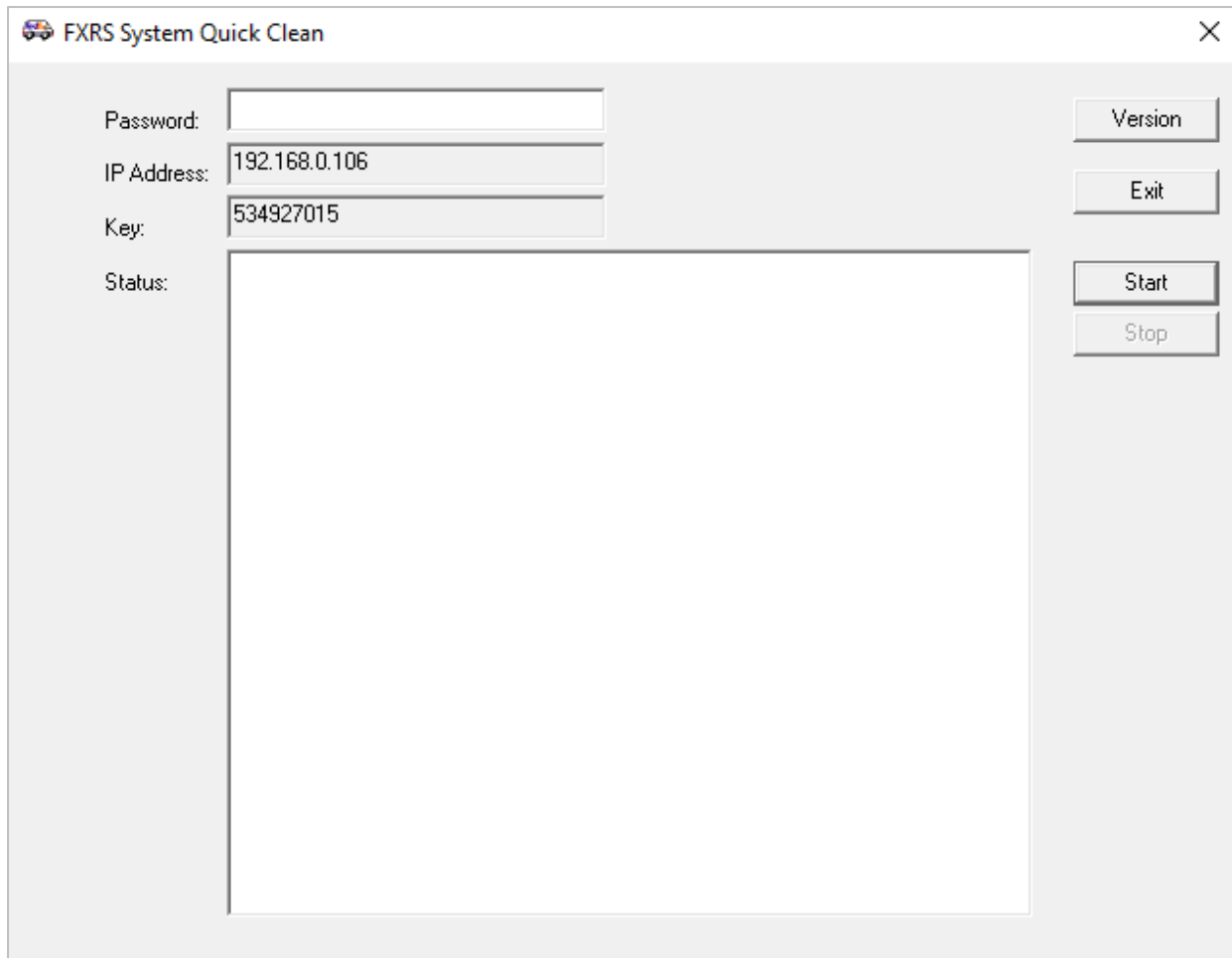
3. In the **IP address** field, type the IP Address of the system in which the application is installed.

4. In the **Key** field, type the key.

5. If required, click **Version** to display the version window.

Figure 81: Quick Clean Utility Version screen
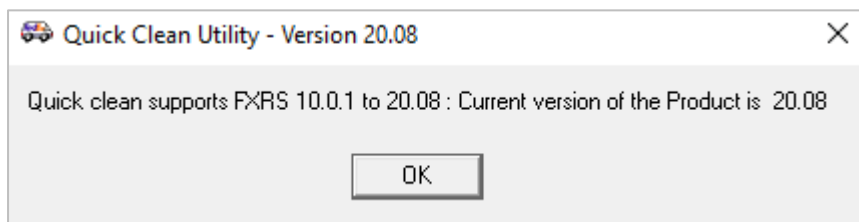
6. Click the **Stop** or **windows exit button** post which the following warning message window with 'Yes' or 'No' button is displayed.

Figure 82: Quick Clean Utility Warning message1
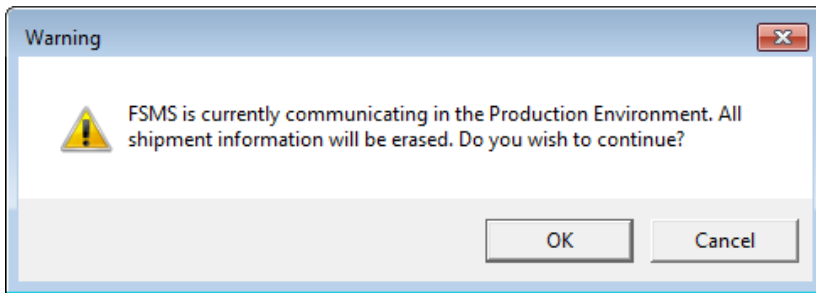
7. After click of '**OK**' button, Quick Clean process will continue. After the click of "**Cancel**" focus will be returned to the Utility screen.

8. Quick clean process will issue another warning message window with '**Yes**' and '**No**' Button.

Figure 83: Quick Clean Utility Start Warning message 2
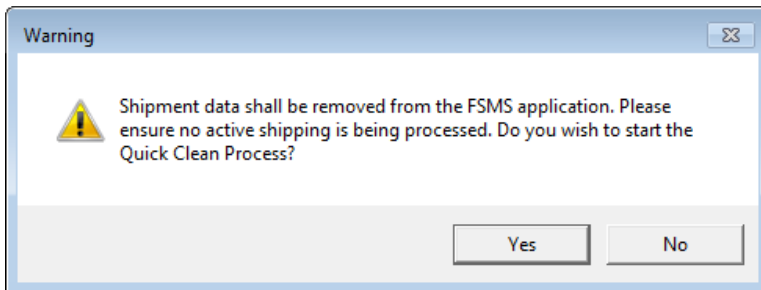
9. After click of '**Yes**' button, Quick Clean Process will start. After click of '**No**' button, Quick Clean Process will not start, and focus will be returned to the Utility screen.

Figure 84: Quick Clean Process completion
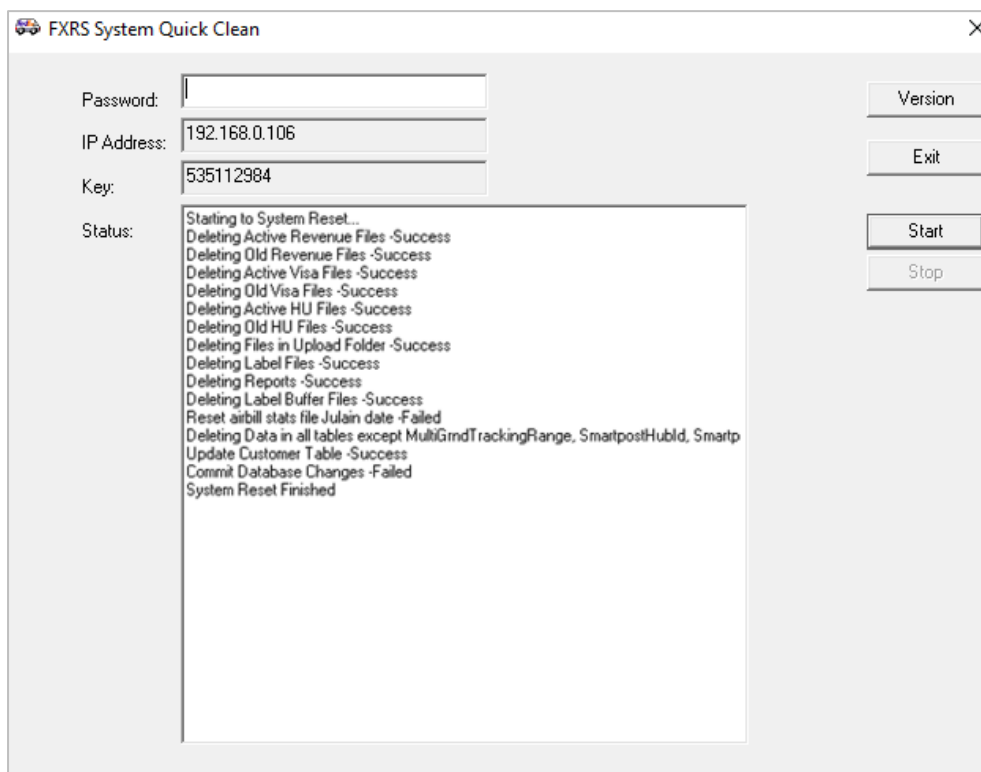
Quick Clean Utility log file

A log file will be created and stored whenever the Quick Clean Utility is used. The log file will be generated on the day of usage. If the Utility is used more than once a day, then log information will be appended to the daily log file. Log File naming format will be as follows: "QuickClean_MMDDYYYY.Log".

Log File format:

The following Log File Format is used.

```
****************** START: QUICK CLEAN ******************
MMDDYYYY~HHMMSS~Message
MMDDYYYY~HHMMSS~###### - FAILED - ###### Message

etc.......
****************** END   : QUICK CLEAN ******************
```

In case the Quick Clean Utility is used more than once a day, the start and end will be used to annotate multiple runs. If a process fails, they will be annotated with the "###### - FAILED - ######" in between the date/timestamp and message.

Log file message details:

The following Quick Clean Events will be logged:

- Quick Clean process starts

- Quick Clean process ends

- Quick Clean process is stopped

- Quick Clean Process Fails

- Services successfully stop/start/fail

- Data that was removed

Each entry will include date and time stamp, format: "MMDDYYY~HHMMSS~Message".

15.8 FSMS Configuration Utility

The FedEx Ship Manager® Server Configuration Utility is the interface of the FSMS application. It provides security for critical system settings, such as meter numbers and FedEx service authorizations. If you use the FSMS Configuration Utility simultaneously while processing a shipment or executing a transaction, an error message is generated by the FSMS application.

Follow these guidelines to add or save the configuration data:

- A text field that appears in red contains an invalid field value. Correct the field before exiting the window.

- If you click the Exit or the Close button to close the FSMS Configuration Utility, the data you entered will not be saved. Make sure to click Apply or Apply & Exit to save your entries.

   *Note: You can run only one instance of FSMS Configuration Utility.*

15.8.1 Initiative Control (ICTL) Settings

These settings can be viewed only by Field, User level - view and support level access.

The following checkboxes are available under **Global Data Sources** branch:

- **Port of Export** provides applicable port of export code, port of unlading code and conveyance information.

- **Currency** enables retrieval of available base currencies from the Base Currency file to determine the currencies supported by FedEx.

- **Service Suppression** enables suppression of services in 050 transaction that are not returned in the 150 transaction reply.

- **New Market Expansion** enables Authoritative Data Source (ADS) to determine if the country is served domestically or internationally by FedEx Express.

- **Zero Customs Value** determines whether total custom value can be zero or not.

Figure 85: ICTL Settings screen
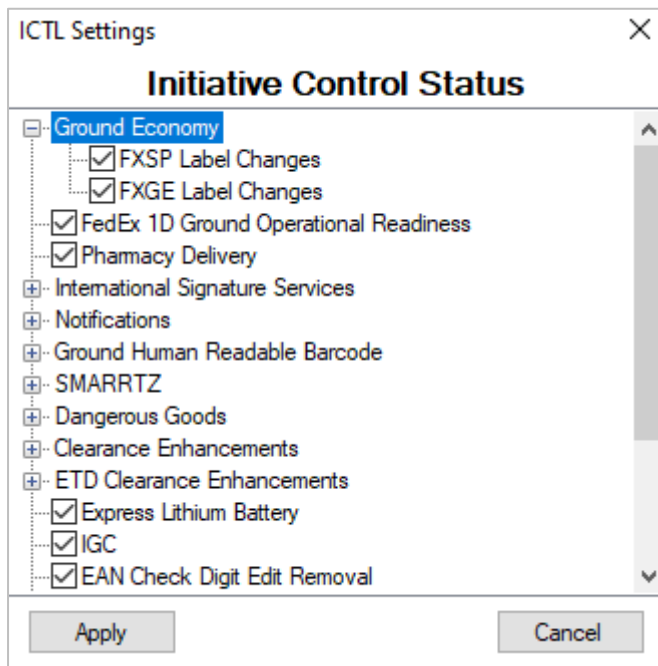
*Note: Clearance Prohibits and Waivers is renamed as **Clearance** so that clearance-related controls can be grouped together under this renamed branch.*

The following checkboxes are available under Clearance branch:

- **Clearance Prohibits and Waivers** prevents the application from processing shipments that are prohibited by FedEx or a government agency for the export/origin or import/destination country. Prohibits apply to a country, shipment or commodity/document. Application allows shippers to process a prohibited shipment only after verifying the parties to the shipment have a waiver on file for the export and/or import restriction in their Customer Clearance Profile.

- **Regulatory Workflow** determines whether to allow customers to query what regulatory capabilities are available for a given lane such as estimated duty/taxes and prohibits functionality.

- **Vague Description Workflow** determines whether to query the new vague description file for

every international shipment with a commodity or document description to determine if the description provided is too vague.

- **Doc/Non-Doc** determines whether a given origin and destination pair can accept a document, commodity, or both types of shipments.

- **Find International Documents** determines whether to allow customers access to documents that are required, maybe required, or optional for a given origin destination pair.

Figure 86: ICTL Settings with renamed branch Clearance
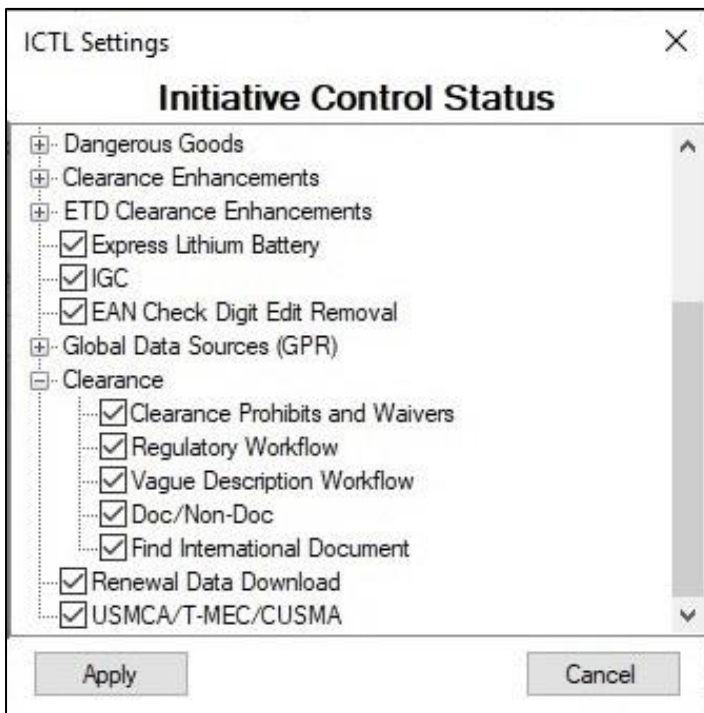
The **Renewal Data Download** checkbox enables support personal to view the database status of initiative control setting (DSMS.DISABLEMENT_FLAG) from the user interface.

The **USMCA/T-MEC/CUSMA** checkbox enables report generation with new USMCA/T-MEC/CUSMA report content.

Note: To learn more about the access and functionalities of above initiative controls, please contact your FedEx customer integration consultant or contact the FedEx Technical Support Center.

15.8.2 Special character support

To provide support for extended special characters or symbols, select the "Microsoft Extended Characters Page" checkbox.

Figure 87: Microsoft Extended Character Page

15.8.3 Force Close/Close options

The Force Close Label and entry box will be replaced with the Close Time Label and Close Options Button.

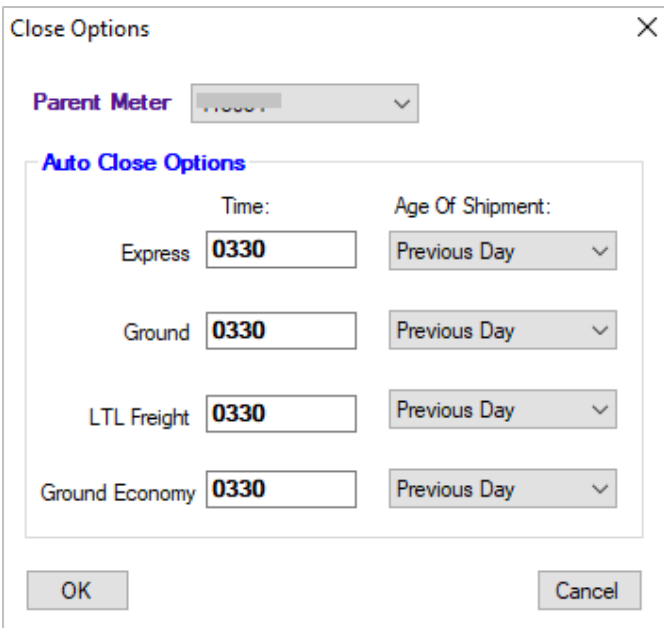**Figure 88: Close Time Label and Close options button**

Close Option in FSMS Configuration Utility

1. Double click the FSMS Configuration Utility icon.
2. Click the Shipper Settings tab.
3. Click the **Close Options** button to open the Close option dialog box.
4. Set the Age of Shipment for the required services and click **O**K.

Figure 89: Close Options Dialog window

15.8.4 Memory usage optimization

The transaction buffer memory usage settings on FedEx Configuration Advanced Settings tab allows you to customize the amount of memory needed to optimize the transaction buffer size. This fine tuning helps to improve FSMS performance.

You can also configure the memory size using the Transaction Optimization Wizard. This wizard allows you to optimize your transactions by helping you select the below options:

- types of shipments to be used
- number of pieces in shipments
- special services (DG/HazMat/ADR)
- number of commodities in special services shipment
- number of commodities in an international shipment
- maximum number of concurrently connected clients

Table 170: Values of transaction buffer memory usage setting

Value	Transaction Buffer Size Setting Screen Value	Configuration Transaction Buffer Size Set
1	Small	10,000 Bytes
2	Medium	100,000 Bytes
3	Large	300,000 Bytes
4	Extra Large	3,000,000 Bytes

The following tags support 070/170 Meter Query or Configuration Transaction:

Table 171: Transaction buffer memory usage setting and buffer size

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
Transaction Buffer Memory Usage Setting						
7350	Max=1 Min=1	Numeric	Both	FDXE FDXG FXFR FXGE	All	The value provided in Transaction Buffer Memory Usage setting is used for transaction processing, to optimize response and performance from the FSMS application. This tag is only used in the 070/170 Meter Query or Configuration Transaction to set the value or retrieve the configured information. *Note: If Custom has been selected the Custom Memory Value is required.* Valid Values (if applicable or NA): 1 - Small (10,000 Bytes) 2 - Medium (100,000 Bytes) 3 - Large (300,000 Bytes) 4 - Extra Large (3,000,000 Bytes) 5 - Custom Value* (Requires another tag to configure)
Transaction Buffer Size						
7351	Max=7 Min=5	Numeric	Both	FDXE FDXG FXFR FXGE	All	The value provided in Transaction Buffer Size is used to specify bytes memory allocation for transaction processing. This tag is required if the Transaction Buffer Memory Usage Setting (Tag 7350) is set to 5 – Custom. If no value is provided or the value provided does not fall between the minimum value 10000 and maximum value 3000000, then the Transaction Memory Usage

Field ID	Field length	Data type	Input\Output	FedEx shipping		Description
				Carrier Code (Services)	Valid for	
						Setting will be set to 5 and the previous value will be used for the Custom Memory Value. This tag is only used in the 070/170 Meter Query or Configuration Transaction to set the value or retrieve the configured information.

15.8.5 Transaction buffer size setting guidelines

The following table provides guidelines that can be used to calculate closest Transaction Configuration Memory selection.

**Table 172: Guidelines to calculate the closest transaction configuration memory selection**

Transaction Buffer Size setting for Memory allocation	Shipping Profile			MPS	DG/HZ/ADR Commodity	International Commodity
	Domestic	International	MPS (Multiple-Piece Shipment)			
Small	Y	-	-	-	-	-
Medium	Y	-	Y	100 or Less	-	-
Large	Y	Y	Y	101 - 500	250 or Less	250 or Less
Extra Large	Y	Y	Y	501 - 999	251 to 999	251 to 999

15.8.6 Configure transaction buffer settings

To configure the transaction buffer settings, perform the following steps:

1. On the **Advanced Settings** screen, click **Transaction Buffer Setting** to open the Transaction Buffer Size Setting dialog box is displayed.

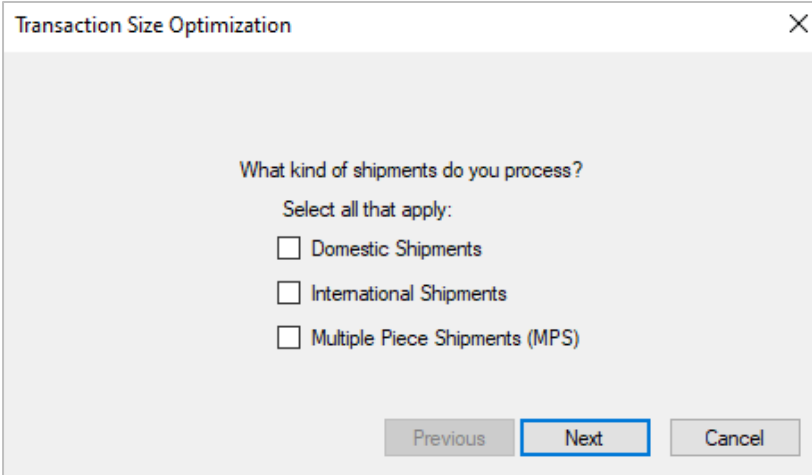**Figure 90: Transaction Buffer Setting in the "Advanced Settings" tab**
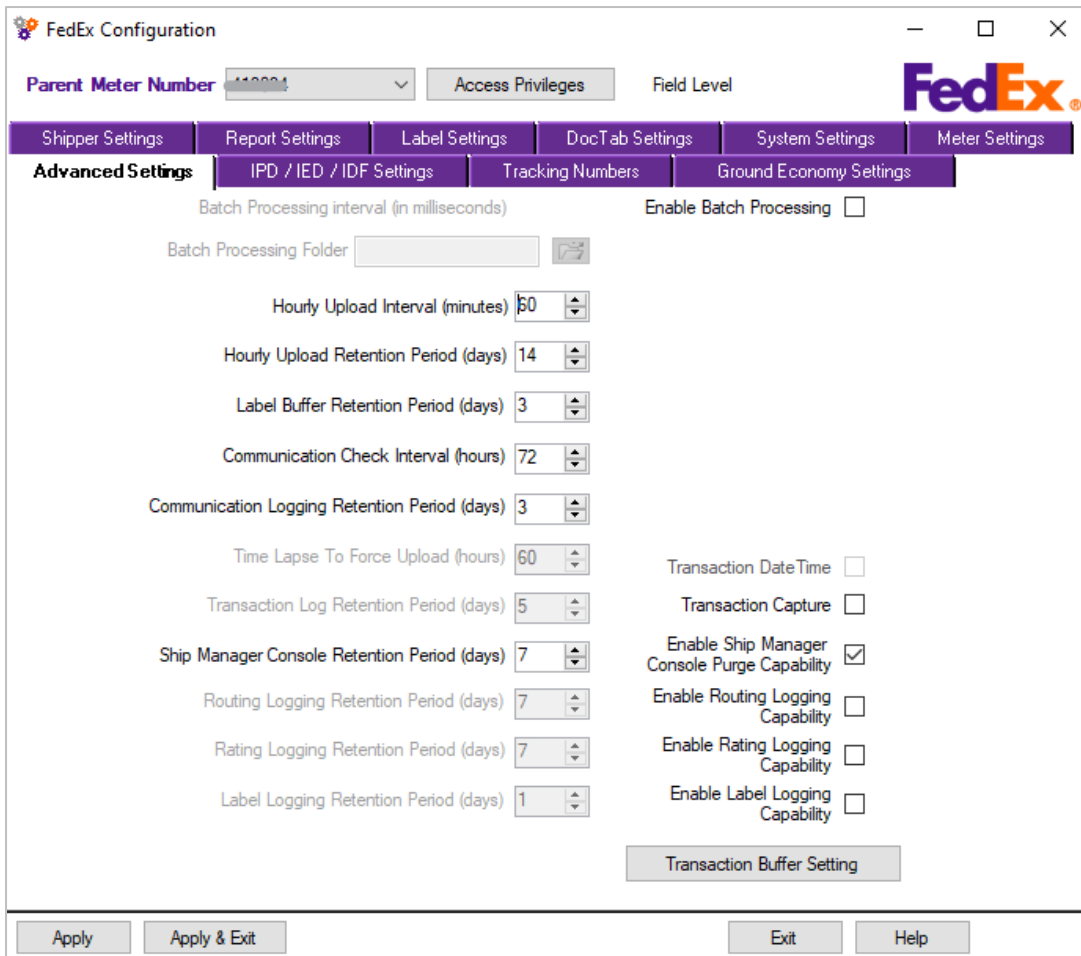
2. In the dialog box, select an appropriate Transaction buffer size for memory allocation based on the requirement and click **OK** to open the Transaction Optimization Wizard.

Figure 91: Transaction Buffer Size Setting dialog box
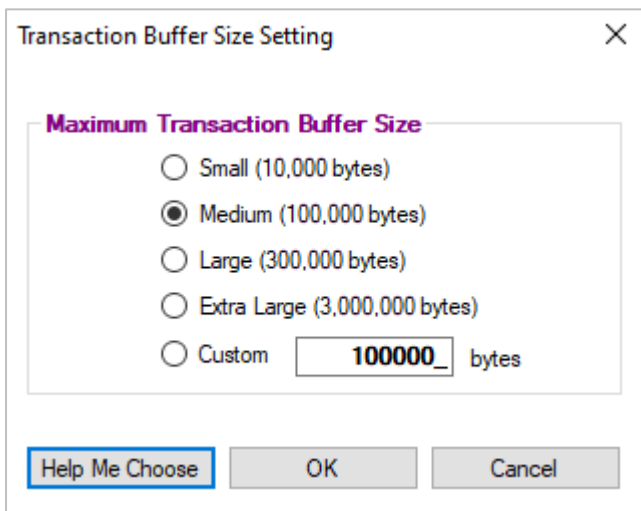
3. On the Transaction Optimization Wizard - Shipping screen, select the kind of shipments you want to process and click **Next**. You can also select more than one options. However, the subsequent screens will depend on the selected shipments.

Figure 92: Transaction Size Optimization Wizard – shipping screen
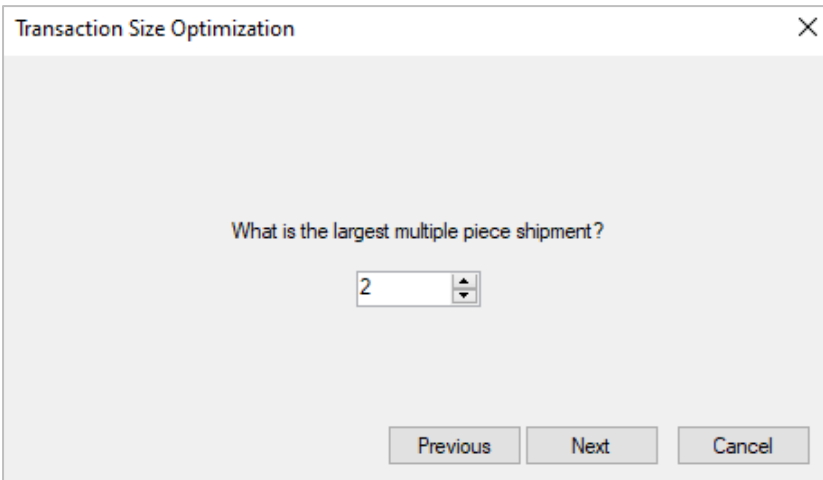
4. On the Shipping screen, if you select Domestic Shipping and/or International Shipping and MPS and click **Next**, the MPS screen is displayed. Provide the largest multiple piece shipment and click **Next**.

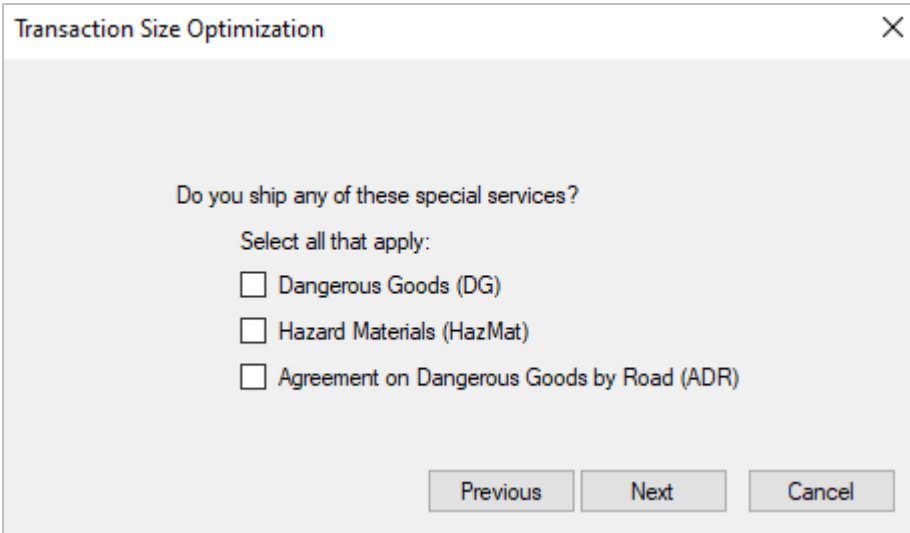**Figure 93: Transaction Size Optimization Wizard – MPS screen**

5. On the Shipping screen, if you select Domestic Shipping and/or International Shipping and click **Next**, the Special Service screen is displayed. Select any special service and click **Next**. The DG/HazMat/ADR Commodity screen is displayed. Provide the largest number of commodities included in a DG/HazMat/ADR shipment.

Figure 94: Transaction Size Optimization Wizard – special service screen
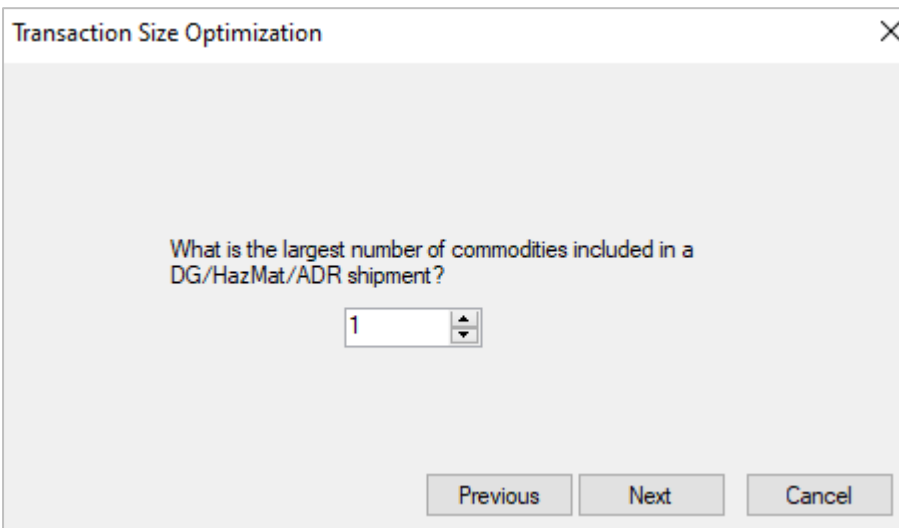
6. On the **Shipping** screen if you select **International Shipping** and click **Next**, the International Commodities screen is displayed. Provide the largest number of commodities included in an International shipment and click **Next**.

Figure 95: Transaction Size Optimization Wizard – International Commodities screen

7. Once all the necessary commodities are provided, the **Number of Clients** screen is displayed. On this screen, provide the maximum number of concurrently connected clients and click **Evaluate**.

Figure 96: Transaction Size Optimization Wizard – number of client screen

8. The **Evaluation** screen is displayed. FSMS utilizes the entries selected within the wizard and the number of logical cores to determine the recommended maximum number of concurrently connected clients.

Figure 97: Transaction Size Optimization Wizard – evaluation screen

9. Finally, click **Yes** if you want to set the buffer size.

15.8.7 Analytics functionality

The Analytics feature allows FSMS to capture and log your data usage on any FSMS component or feature, including installation and environment details. FSMS supports a persistent entry that enables or disables the Analytics feature to capture and upload defined data.

- Enabled = Data shall be captured and uploaded
- Disabled = Data shall NOT be captured nor uploaded

If the Analytics checkbox is enabled in the Advanced settings tab, FSMS will gather the following user information for a period of 24 hours, create a XML file with summary and upload it daily to the back-

end systems.

- Meter specific analytic data at the meter level.

- System information

- Utility usage of Broadcast Configured Client, Backup & Restore, Custom Label Generator, and Configuration Utility Open and Applied

- Routing information

- Transaction usage information

- Automated close usage information

- International Reports/Document and EOD report generation information

- 020 transaction usage information

- Ship time shipping profile usage information

- Special service transaction usage information

- Return transaction usage information

- Ground® Economy transaction usage information

15.9 Report Viewer Utility

The Report Viewer Utility allows you to generate various FSMS reports from two categories:

- Close Reports

- Shipment Reports

The Report Viewer generates a view of reports directly from information in the FSMS database. It reads data from the local Sybase database and builds a view for each meter configured on the FSMS client.

You can only generate a Close Report after you perform an end-of-day Close by sending a 007 End-of-Day Close Request transaction to FedEx.

Refer "Configuring FedEx Ground® Economy Reports" in the FedEx Ship Manager® Server Installation and Configuration Guide for information on these reports.

Note: The report viewer Utility is updated to support the Detailed Delivery Manifest and ADR Shippers Dec reports.

To start the Report Viewer Utility:

- Navigate to the FedEx Ship Manager® Server folder on your desktop.
- Double-click the Report Viewer icon.

15.9.1 Domestic Returns

On the Report Settings tab a new report type is added to Domestic and Ground nodes labeled as

'Domestic Returns'. When the "Domestic Returns" report is selected under the Domestic (U.S. Domestic or Non-U.S. Domestic) and/or Ground node, a report configuration screen is displayed with the following (standard for most reports):

- Button: COPY TO ALL METERS

- Button: COPY TO ALL REPORTS

- Button: Apply

- Button: Apply & Exit

- Button: Exit

- Button: Help

Drop-down for Report Format

- Listing the standard report format (DOC; PDF; RTF; TXT) selections

Drop-down for Paper Type

- Listing the standard paper type (8 ½ X 11; A4) selections

    o Free-form entry field for Printer

    o Free-form entry field for Directory

The same behavior that applies for other report configuration screens is applicable here.

Configuration options (Report Format, Paper Type, Printer, and/or Directory) configured and applied by the user will serve as the default settings for generation of "Domestic Returns" reports.

The report viewer Utility supports the generation of:

- FedEx Express 'Domestic Returns' report displays Shipment Reports node as 'Domestic Returns'. This contains data only for Express U.S. Domestic and Non-U.S. Domestic Return shipments.

- FedEx Ground 'Domestic Returns' report displays the Ground grouping of reports as 'Domestic Returns'. This contains data only for Ground U.S. Domestic and Non-U.S. Domestic Returns shipments.

In both cases, you are prompted to provide the date range and meter against which the report is run.

When you double click the Domestic Returns report option(s) the 'Select Date Range' window is displayed that allows entering the date range of the Domestic Returns report to be printed.

> *Note: Tags 1582 [Start Date] and Tags 1583 [End Date] now applies to the Domestic Returns reports as they do to the Ground® Economy and Global Returns report.*

FedEx Ship Manager® Server (FSMS) implements two new reports for Domestic Returns similar to the report generated for Ground® Economy and Global Returns. The only difference between the two reports for Domestic Returns is whether the report contains Express vs. Ground shipments. This requirement defines the report structure and rules applicable to both the Express and Ground versions of the report. Refer the Report Viewer Utility and Label Reprint requirements regarding the population of the report.

The report consists only of Domestic Returns shipments.

- No Ground® Economy Returns shipments is included within the report.

- The report is printed in the following formats:

- The report is printed on demand via the Report Viewer Utility and via the 095/195 Label Reprint transaction.

- o   Word document (.doc)

- o   Rich Text File (.rtf)

- o   Text only (.txt)

- o   Portable Document Format (.pdf)

- The report is not generated at Close or Ship time

- The customer can view results sorted by the Shipper Company.

- The standard heading(s) applies (from date, to date, FSMS version).

- The following columns are printed:

   - o   Tracking Number #

   - o   SV = Service (two-character identifier)

   - o   RT = Return Type (Print Return Label, Email Label, etc.)

   - o   SCONTACT = Shipper Contact

   - o   SCOMPANY = Shipper Company

   - o   ADDRESS1 = Shipper Address Line1

   - o   CITY = Shipper City

   - o   ST = Shipper State/Province

   - o   Postal Code = Shipper Postal Code

   - o   RECIPIENT COMPANY

15.9.2 Global Returns

For new installations or clean load of software, the 'Global Returns Allowed' checkbox on the Meters Setting tab will be defaulted to unchecked and reports will not be configured/defaulted.

When upgrading from CD or delta from a version that does not support Global Returns the '"Global Returns Allowed'" check box will be unchecked.

If upgrading from a version that supports Global Returns and the '"Global Returns Allowed'" check box is checked, upon upgrade the "Global Returns Allowed" will remained checked.

15.9.3 Report Viewer features

Report Viewer includes the following features:

View Report — double-click a report name in the tree view to open the report.

Export Report — export a single or multiple report from a selected category to a directory. Selected report(s) are exported in the format specified in the Report Settings tab of the FSMS Configuration Utility to the specified report directory. If no directory is specified, reports are exported to C:\FedEx\FedEx_Temp.

Print Report — print single or multiple reports from a selected category. You need to select the printer for printing reports, since there is no default printer.

Refresh — if the Report Viewer Utility is running and you process a shipment or execute an End-of-Day transaction, refresh the tree view to include any recent activity.

Toolbar

Report Viewer toolbar buttons provide the following actions:

Open — opens a report template, such as a .rpt file.

Refresh — use to refresh the report trees with current data.

Export — Use to export selected report(s) to the directory specified in the FSMS Configuration Utility or to the default directory. All reports in a category can be exported simultaneously by selecting the category, such as Domestic, or exported individually by selecting the specific report, such as Invoice.

Print — send selected report(s) to currently specified printer. There is no default printer.

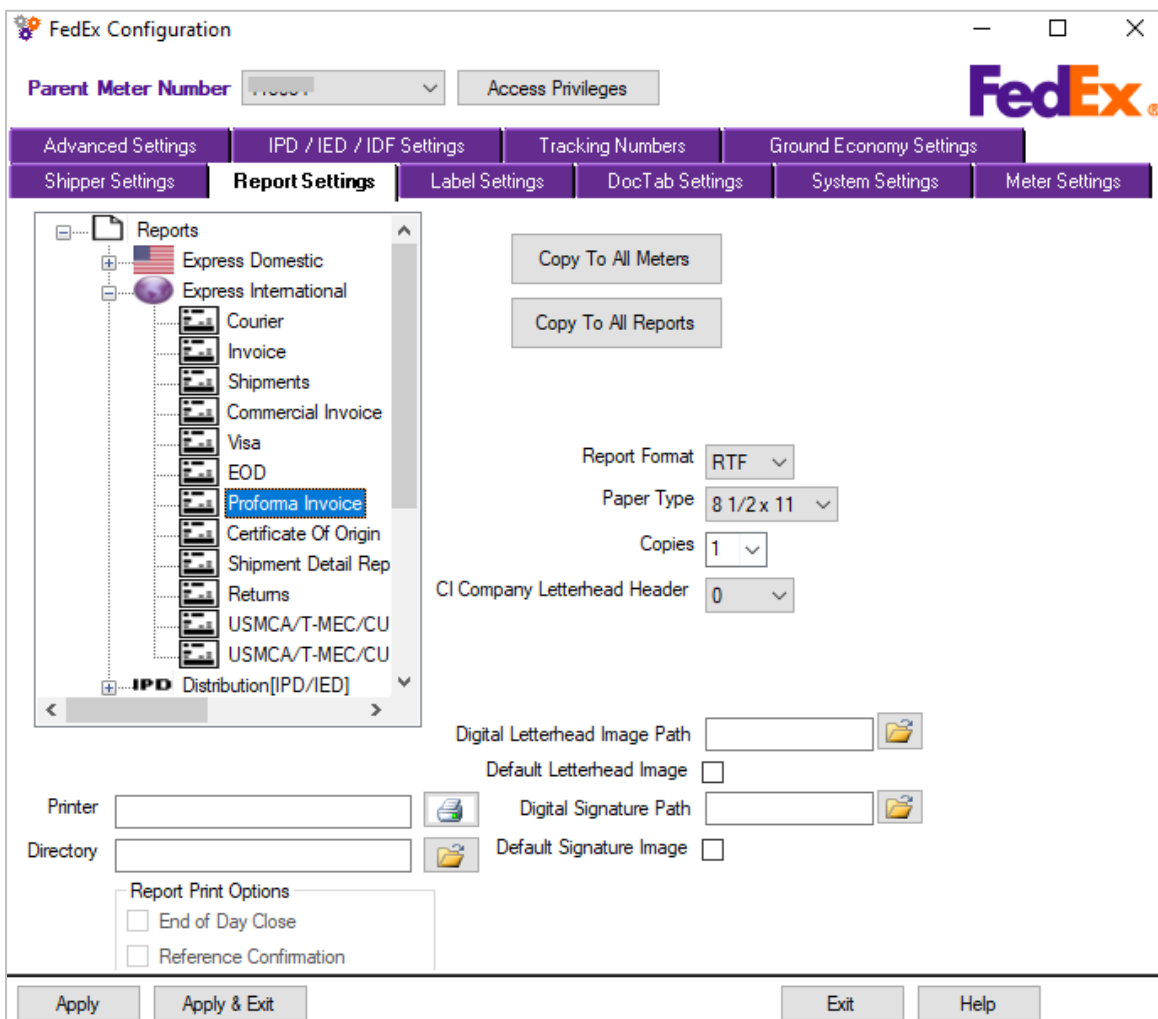**About** — displays more information about the selected item.

Select Printer — allows the user to select a printer to print reports.

Select Export — select an export directory. The active export directory is displayed on the status bar.

Navigation tree view

Report Viewer provides a navigation tree in the left panel.

Figure 98: Reports Settings tab

Note:

- *Print only 'Detailed Delivery Manifest' is added under the Domestic intra-UK report branch and international report branch.*
- *Print and directory selection labeled 'ADR Shippers Dec' is added under the Domestic intra-UK report branch.*

15.9.4 Navigation tree controls

The Report Viewer tree view nodes include the following:

Meter Number

- Each meter loaded in the FedEx Ship Manager® Server (FSMS) system is associated with this icon () in the Tree control. Each meter node has two other nodes, Close Reports () and Shipment Reports ().

Close Reports

- All Close register IDs are listed in order by process date: CL 2005-01-07 16:00:04 (year-month-day and time). Some of the reports available under each ID are:

Domestic

- Courier
- Invoice
- Shipments
- End-of-Day (EOD)

Intra Country

- Consolidated commercial invoice
- Pro Forma Invoice

International

- Courier
- Invoice (not for Canada-CA)
- Shipments
- Visa manifest
- U.S. IE only manifest (only for CA meter)
- U.S. all other manifest (only for CA meter)
- End-of-Day (EOD)

Distribution

- Visa manifest
- Consolidated commercial invoice
- Customer reference number (CRN)
- Packing list

International Priority DirectDistribution Freight (IDF)

- IDF consolidated commercial invoice
- DF CRN report

- IDF customs packing list

Ground

- Manifest

- MWGT package detail

- MWGT shipment detail/postal

- MWGT Collect-on-Delivery detail

- MWGT DCV detail

- Hazardous materials certification report

- Ground C.O.D. report

FedEx Ground Manifest shows the FedEx Ground Manifest which you can view as a Close Report.

Figure 99: FedEx Ground manifest

15.9.5 Shipment reports

Report Viewer provides shipment reports, including a Shipment Summary Report. It provides a total package count by service and subtotals for all FedEx Express and FedEx Ground shipping within a given cycle. The **Shipment** reports that you can view in the Report Viewer include the following:

International

- Commercial invoice

- Tracking number

- History tracking number — tracking number for shipments moved to history

- Pro forma invoice
- Certification of origin
- Shipment detail
- Returns Report

Ground

- Commercial invoice
- Certification of origin
- Shipment detail
- Returns Report

Dangerous Goods

- FedEx Express 1421C
- FedEx Ground OP-900
- FedEx Ground OP-900LG

FedEx Ground® Economy

- Detail Report
- Manifest Report
- Returns Report

15.9.6 Report Viewer controls

The Report Viewer has two new control buttons: **Print Setup** and **Search**.

Note: You can run only one instance of FSMS Report Viewer Utility.

1. To enable the printer, select the **Print Setup** button. The Page Setup dialog box appears.

Figure 100: Report Viewer controls
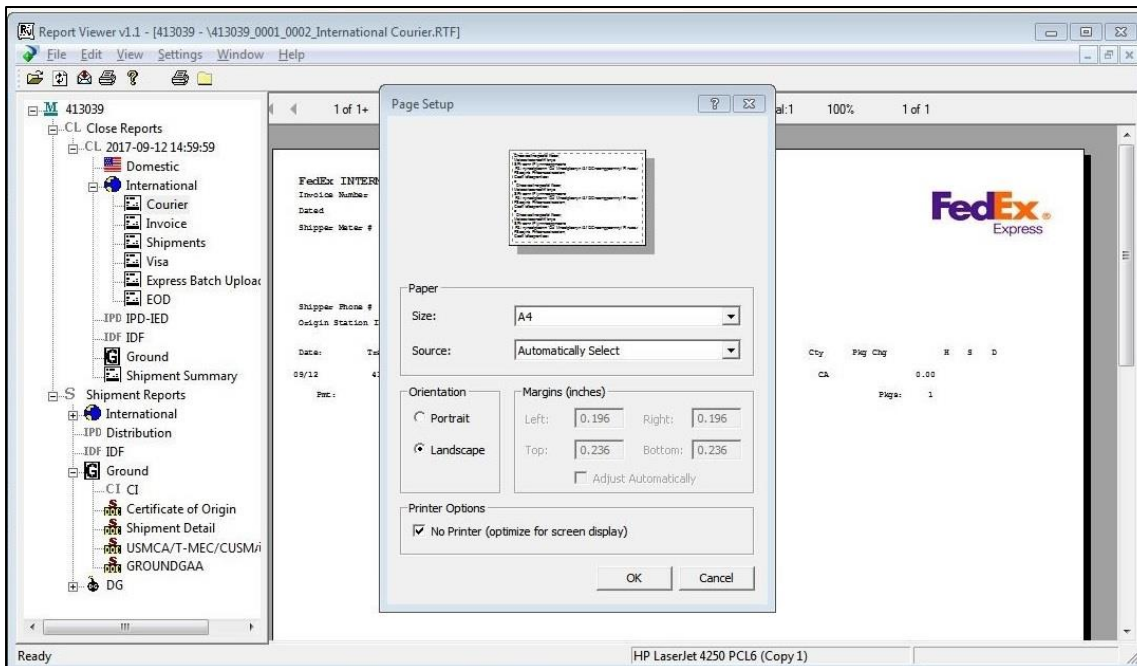
2. Uncheck the **No Printer** option in the Printer Options section. This enables the printer.

   Note: You can also set options for paper size and orientation in this dialog box.

15.10 Ship Manager Server Console

The FSMS Console is a multipurpose Utility that you can use to view information about FSMS and to configure alert messages for delivery using email or a TCP/IP port.

To launch the console:

1. Navigate to the FSMS Console in the Programs menu under **FSMS version number > Utilities > Ship Manager Console.**

2. The Ship Manager Console window appears.

Figure 101: Ship Manager Server Console
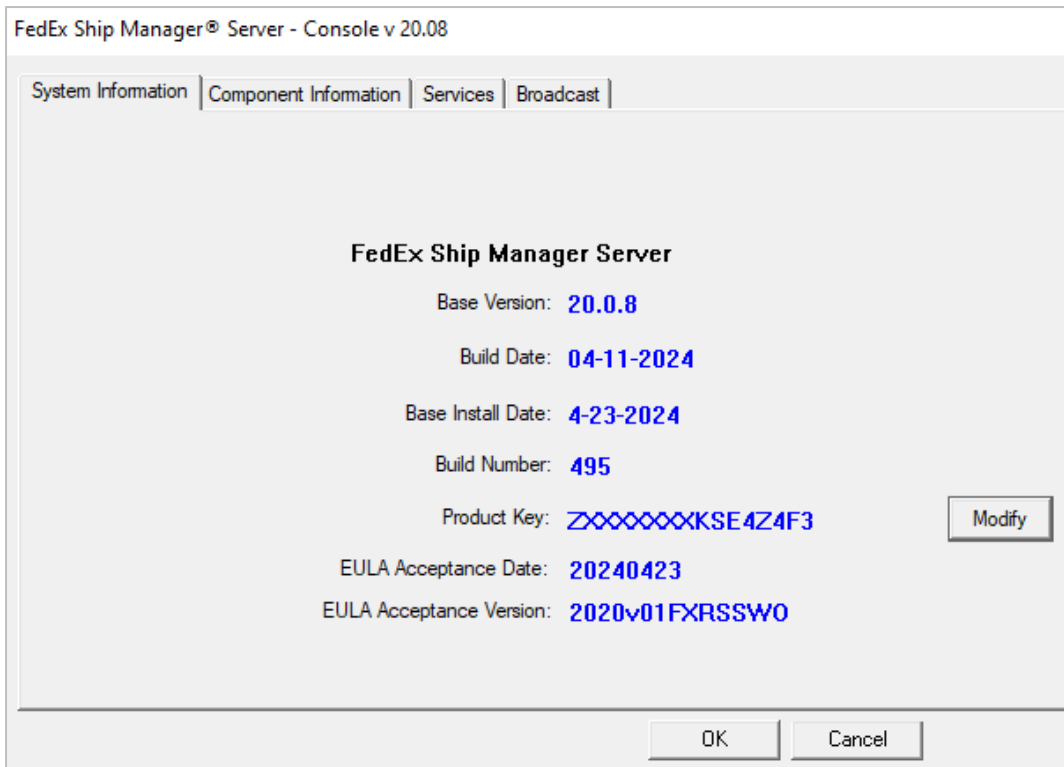
15.10.1 Messaging Utility

Messaging Utility provides a flag that allows you to monitor various critical updates (that are configurable) such as the ones listed below.

- Capable of Notifying if LAN Connection Lost

- Capable of Notifying if System Failure

- Capable of Notifying if Download Failure

- Capable of notifying if various important system updates (download status, % complete)

- Capable of notifying exceptions, warnings

- Capable of Notifying any type of messaging defined.

- Capable of sending customized / targeted messaging.

- Capable of Capturing and Reporting It's utilization by notification

Add, Edit, View Broadcast Listener Screen

The Add, Edit and View Broadcast Listener screen are 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

Figure 102: Add, Edit, View Broadcast Listener screen

On-Demand Rate Query

The messaging Utility supports On-Demand Rate Query, which utilizes the rating service to determine the status of the rate files. It provides the capability to check on demand, the start date, end date, status (expired, pending, missing, active or corrupted) of current and future rate files.

> *Note:*

- *More complex the request, longer it takes to query the rate files. If this query is submitted during heavy shipping transaction, the shipping performance could be affected.*
- *The end date '20701231' will be returned in the On-Demand Rate Query for data files that do not support an expiration date.*
- *FSMS implements future rate files at the meter-level time zone. It transfers the rate implementation to the date roll time based on the configuration settings.*

The following fields support On-Demand Rate Query.

- 1380 - Component Start Date
- 1381 - Component End Date
- 1382 - Component Status

> *Refer FedEx Ship Manager® Server Transaction Coding Reference Guide for details.*

Within the message text of the Rate Query function, the following Demand Download description is provided. The table below provides the corresponding demand download check boxes that are used to resolve any rate component warnings.

Table 173: Demand Download description

FSMS Service Name Code	Demand Download Description	Demand Download Check Boxes
41	Express Domestic Rates	Express Domestic Rates/Discounts
42	Express International Rates	Express International Rates/Discounts
43	Express Bonus/Earned Rates	Express Bonus/Earned Discounts
44	Ground Rates	Ground Earned/Discount Rates
45	Ground Earned/Discount Rates	Ground Earned/Discount Rates
46	Ground® Economy Rates	Ground® Economy Rates
47	Ground® Economy Earned Discount Rates	Ground® Economy Earned Discount Rates
48	ODA/OPA	ODA/OPA
49	EU Postal Surcharge	EU Postal Surcharge
53	Future Express Domestic Rates	N/A
54	Future Express International Rates	N/A
55	Future EU Postal Surcharge	N/A

> *Note:*

- *Future Files are only downloaded via reconcile process.*

- *If a domestic rate/list/intra file is missing, expired, or corrupted, the system attempts to auto download domestic rate/list/intra file only for the parent meter.*

- *If an intra country rate file is missing, expired, or corrupted, the system attempts to auto download intra country rate file only for countries that supports intra country shipment.*

Rate Query Input Transaction

The fields below are the recommended elements for the 058 input transaction to query rate components for their current status.

- Transaction Code (0)

- Customer Transaction Identifier (1)

- Sender FedEx Express Account Number (10) *

- Meter Number (498) or All Meters Flag (2413) *

- Process Request Code (556) - 6 'Status of Data Files'

- FSMS Service Name (577) - See ID 1248282 for applicable data file codes

- End of Record Indicator (99)

Note: Asterisks (*) denotes optional fields. If the 058 transaction is submitted for a status query and the meter and/or account number is not provided, then FSMS default to the Parent meter and populate the account number. If only the account number is provided and only one meter is configured for that account, the associated meter number gets populated.

158 Monitoring Transaction Reply

Single Meter and One Rate Query Reply Transaction

The fields below are the returned elements for the 158 output transaction for query rate components for their current status.

- Transaction Code (0)

- Customer Transaction Identifier (1)

- Sender FedEx Express Account Number (10)

- Meter Number (498)

- Message Type (557)

- Message Code (558)

- Message Text (559)

- Severity (579)

- FSMS Service Name (577) - See ID 1248282 for applicable data file codes

- Component Start Date (1380)

- Component End Date (1381)

- Component Status (1382)

- End of Record Indicator (99)

If tag 2413 is provided, then FSMS replies applicable information for each meter and requested rate component information one at a time.

Multiple Meters Reply

When the 058 is used with Process Request Code (Field ID 556) set to '6', FSMS Service Name (Field ID 577) is provided with a specific rate code and if one of the following scenarios is applicable:

- Account Number (Field ID 10) is provided, and multiple meters have been configured with this account number OR

- All Meter flag (Field ID 2413)

Then the 158 reply looks like the following:

- Transaction Code (0)

- Customer Transaction Identifier (1)

- Sender FedEx Express Account Number (10-1)

- Meter Number (498-1)

  - Message Type (557-1-1)

  - Message Code (558-1-1)

  - Message Text (559-1-1)

  - Severity (579-1-1)

  - FSMS Service Name (577-1-1) - See ID 1248282 for applicable data file codes

  - Component Start Date (1380-1-1)

  - Component End Date (1381-1-1)

  - Component Status (1382-1-1)

  - Sender FedEx Express Account Number (10-2)

- Meter Number (498-2)

  - Message Type (557-2-1)

  - Message Code (558-2-1)

  - Message Text (559-2-1)

  - Severity (579-2-1)

  - FSMS Service Name (577-2-1) - See ID 1248282 for applicable data file codes

  - Component Start Date (1380-2-1)

  - Component End Date (1381-2-1)

  - Component Status (1382-2-1)

  - Etc........

  - End of Record Indicator (99)

  Note:

- *Tracking Numbers and Ground® Economy Delivery Confirmation Numbers are allocated by meter and account number combination and will follow the same structure as stated above.*

- *'-1' for first meter occurrence (Field ID 498) is not present, however, is annotated above for clarity of multi occurrence logic.*

All Rate File Message

When the 058 is used with Process Request Code (Field ID 556) set to '6', Account Number (Field ID 10) is provided and only one meter is configured OR Meter Number (Field ID 498), and FSMS Service Name (Field ID 577) set to 40 - All Rate File Status, then the 158 reply looks like the following:

- Transaction Code (0)
- Customer Transaction Identifier (1)
- Sender FedEx Express Account Number (10)
- Meter Number (498)
- Message Type (557-1)
- Message Code (558-1)
- Message Text (559-1)
- Severity (579-1)
- FSMS Service Name (577-1) - See ID 1248282 for applicable data file codes
- Component Start Date (1380-1)
- Component End Date (1381-1)
- Component Status (1382-1)
- Message Type (557-2)
- Message Code (558-2)
- Message Text (559-2)
- Severity (579-2)
- FSMS Service Name (577-2) - See ID 1248282 for applicable data file codes
- Component Start Date (1380-2)
- Component End Date (1381-2)
- Component Status (1382-2)
- Message Type (557-3)
- Message Code (558-3)
- Message Text (559-3)
- Severity (579-3)
- FSMS Service Name (577-3) - See ID 1248282 for applicable data file codes
- Component Start Date (1380-3)
- Component End Date (1381-3)
- Component Status (1382-3)
- Etc.....
- End of Record Indicator (99)

Multiple Meter with Multiple Rate File Message

When the 058 is used with Process Request Code (Field ID 556) set to '6', Account Number (Field ID 10)

is provided and multiple meters have been configured with this account number OR All Meter flag (Field ID 2413) and FSMS Service Name (Field ID 577) set to 40 - All Rate File Status OR Multiple Rate Components are requested, then the 158 reply will look like the following:

- Transaction Code (0)

- Customer Transaction Identifier (1)

- Sender FedEx Express Account Number (10)

- Meter Number (498-1)

    o Message Type (557-1-1)

    o Message Code (558-1-1)

    o Message Text (559-1-1)

    o Severity (579-1-1)

    o FSMS Service Name (577-1-1) - See ID 1248282 for applicable data file codes Message Type (557-1-2)

    o Component Start Date (1380-1-1)

    o Component End Date (1381-1-1)

    o Component Status (1382-1-1)

    o Message Code (558-1-2)

    o Message Text (559-1-2)

    o Severity (579-1-2)

    o FSMS Service Name (577-1-2) - See ID 1248282 for applicable data file codes etc.....

    o Component Start Date (1380-1-2

    o Component End Date (1381-1-2)

    o Component Status (1382-1-2)

- Meter Number (498-2)

    o Message Type (557-2-1)

    o Message Code (558-2-1)

    o Message Text (559-2-1)

    o Severity (57921-1)

    o FSMS Service Name (577-2-1) - See ID 1248282 for applicable data file codes

    o Component Start Date (1380-2-1)

    o Component End Date (1381-2-1)

    o Component Status (1382-2-1)

    o Message Type (557-2-2)

    o Message Code (558-2-2)

    o Message Text (559-2-2)

    o Severity (579-2-2)

    o FSMS Service Name (577-2-2) - See ID 1248282 for applicable data file codes

o Component Start Date (1380-2-2) etc.....

o Component End Date (1381-2-2)

o Component Status (1382-2-2)

o Etc.......

o End of Record Indicator (99)

Example

The following is an example of the 058/158 transaction with multiple meters specified and multiple FSMS Service Name specified.

Note: Tag names and indention provided for readability.

Input 058:

- Transaction Code (0)

- Customer Transaction Identifier (1)

- Sender FedEx Express Account Number (10) *

- Meter Number (498) – 1234567

- Meter Number (498-2) – 9876543

- Process Request Code (556) - 6 'Status of Data Files'

- FSMS Service Name (577) – 41

- FSMS Service Name (577-2) – 43

- FSMS Service Name (577-3) – 50

- End of Record Indicator (99)

Output 158:

- Transaction Code (0)

- Customer Transaction Identifier (1)

- Sender FedEx Express Account Number (10)

- Meter Number (498) - 1234567

  o Message Type (557-1-1) - 02

  o Message Code (558-1-1) -TBD

  o Message Text (559-1-1) - Rate File Status: Express Domestic Rates, Active.

  o Severity (579-1-1) - 0

  o FSMS Service Name (577-1-1) - 41

  o Component Start Date (1380-1-1) - 20140601

  o Component End Date (1381-1-1) - 20150531

  o Component Status (1382-1-1) -1

  o Message Type (557-1-2) - 02

  o Message Code (558-1-2) -xxx

  o Message Text (559-1-2) - Rate File Status: Future Express Domestic Rates, Pending.

- o Severity (579-1-2) - 0
- o FSMS Service Name (577-1-2) - xx
- o Component Start Date (1380-1-2) - 20150601
- o Component End Date (1381-1-2) - 20160531
- o Component Status (1382-1-2) -2
- o Message Type (557-1-3) - 02
- o Message Code (558-1-3)- xxx
- o Message Text (559-1-3) - Rate File Status: Express Bonus/Earned Rates, Active.
- o Severity (579-1-3) - 0
- o FSMS Service Name (577-1-3) - 43
- o Component Start Date (1380-1-3) - 20140623
- o Component End Date (1381-1-3) - 20140629
- o Component Status (1382-1-3) – 1
- o Message Type Code (557-1-4)- 02
- o Message Code (558-1-4)- 5121
- o Message Text (559-1-4) - Meter #: 1234567 Tracking Number Status: Express - 20140103, 50%.
- o Severity (579-1-4) - 0
- o FSMS Service Name (577-1-4) - 50
- o Component Start Date (1380-1-4) – N/A will not be in reply
- o Component End Date (1381-1-4) – N/A will not be in reply
- o Component Status (1382-1-4) – N/A will not be in reply
- Meter Number (498-2) - 9876543
  - o Message Type (557-2-1) - 02
  - o Message Code (558-2-1) -TBD
  - o Message Text (559-2-1) - Rate File Status: Express Domestic Rates, Active.
  - o Severity (579-2-1) - 0
  - o FSMS Service Name (577-2-1) - 41
  - o Component Start Date (1380-2-1) - 20140601
  - o Component End Date (1381-2-1) - 20150531
  - o Component Status (1382-2-1) -1
  - o Message Type (557-2-1) - 02
  - o Message Code (558-2-1) -xxx
  - o Message Text (559-2-1) - Rate File Status: Future Express Domestic Rates, Pending.
  - o Severity (579-2-1) - 0
  - o FSMS Service Name (577-2-2) - xx

- o Component Start Date (1380-2-2) - 20150601
- o Component End Date (1381-2-2) - 20160531
- o Component Status (1382-2-2) -2
- o Message Type (557-2-3) -
- o Message Code (558-2-3)- xxx
- o Message Text (559-2-3) - Rate File Status: Express Bonus/Earned Rates, Active.
- o Severity (579-2-3) - 0
- o FSMS Service Name (577-2-3) - 43
- o Component Start Date (1380-2-3) - 20140623
- o Component End Date (1381-2-3) - 20140629
- o Component Status (1382-2-3) – 1
- o Message Type Code (557-2-4)- 02
- o Message Code (558-2-4)- 5121
- o Message Text (559-2-4) - Meter #: 9876543 Tracking Number Status: Express - 20140103, 45%.
- o Severity (579-2-4) - 0
- o FSMS Service Name (577-2-4) - 50
- o Component Start Date (1380-2-4) – N/A will not be in reply
- o Component End Date (1381-2-4) – N/A will not be in reply
- o Component Status (1382-2-4) – N/A will not be in reply
- End of Record Indicator (99)

Meter Level GUI Behavior

Within the Meter Level Notifications section, the listener can be configured to support the following meter level settings:

- 'All' which will broadcast selected notifications for each meter configured on the system (Default)
- Specify single meter
- Specify multiple meters utilizing a standard windows selection mechanism

Table 174: Meter level GUI behavior

Selection of Meter for Meter Level Broadcast	GUI Behavior
Label	The text used to describe drop down window = 'Meter:'
Meter Window	- Default value 'All' will be displayed. 'ALL' selected - broadcast notifications occur for all meters configured on system. - If listener is configured for specific meter(s) then meter level broadcast notifications occur for those selected notification(s)

Selection of Meter for Meter Level Broadcast	GUI Behavior
	by meter(s).
Drop down button	• On clicking this button, a new window opens with a list of all meters configured on the system and 'All' listed at the top of the list. • User is able to select/highlight multiple meters utilizing a standard windows selection mechanism. • If specified meters are selected and the user selects 'All' with multiple meter selection mechanism, then the specified meters are de-selected. • If 'All' is selected and user then selects a meter with multiple meter selection mechanism, then 'All' is deselected.

Broadcast Events

System Level Download Notification Update

The System Level Download notification will be 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.

Meter Level Download Notification Section

When the Rate download notification is checked on the Broadcast Listener screen, it will provide a Usage message when rates are downloaded via reconcile. The following applicable Message type, code, severity, and text will be broadcast:

For Successful download:

- Tag 557 - Message Type: 02 - Informational
- Tag 558 - Message Code: 5119
- Tag 579 - Message Severity: 0 - Information
- Tag 559 - Message Text: FSM Server has successfully downloaded rates for Meter #. Rates are effective on and expire on in the event of Communication error during a rate download the following will be broadcast.

For failed download:

- Tag 557 - Message Type: 10 - Failure Message
- Tag 558 - Message Code: 5120
- Tag 579 - Message Severity: 3 - High

- Tag 559 - Message Text: FSM Server has failed to download rates for Meter #. Attempt to use the demand download Utility to load new rates. If you are still unable to complete this task, contact your FedEx Support Representative.

Meter selection logic will be applicable to this broadcast event. The notification will be broadcast when the automation performs its daily verification routine of rates.

Note: If multiple meters are configured then a message text entry for each meter will be repeated with the applicable component name and meter number.

Tracking Number - Express

When the Tracking Number broadcast is selected for a defined broadcast listener, the following Tracking Number events for Express causes an applicable Message type, code, severity and text to be broadcast:

For Successful Tracking Number download:

- Tag 557 - Message Type: 02 - Informational

- Tag 558 - Message Code: 5116

- Tag 579 - Message Severity: 0 - Information

- Tag 559 - Message Text: "FSM Server has successfully downloaded the tracking numbers for <OpCo> for Meter #<meter number> on <date/Timestamp>."

In the event of Communication error during a Tracking number download and no future range is available and the usage is beyond the 85% threshold then the following will be broadcast:

For Failed Tracking Number download:

- Tag 557 - Message Type: 10 - Failure Message

- Tag 558 - Message Code: 5117

- Tag 579 - Message Severity: 3 - High

- Tag 559 - Message Text: "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."

If during the daily verification routine of the tracking number range the usage is beyond 85% and a future range is not present, then the following will be broadcast:

Usage Exceeds 85%:

- Tag 558 - Message Code: 01 - Warning

- Tag 557 - Message Type Code: 5118

- Tag 579 - Message Severity: 3 - High

- Tag 559 - Message Text: "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."

If multiple OpCos exceed this criterion at the same time, a message will be generated per OpCo. Meter selection logic will be applicable to this broadcast event. If the tracking numbers are a shared range amongst all meters configured on the system, the message Utility will only broadcast for the primary meter that requires the tracking number range to be updated.

Note: Ground does not support downloading tracking numbers.

Ground® Economy Delivery Confirmation Numbers

When the Tracking Number broadcast event is selected for a defined broadcast listener, the following Tracking Number events for Ground® Economy Delivery Confirmation Numbers causes an applicable Message type, code, severity, and text to be broadcast:

For Successful download:

- Tag 557 - Message Type: 02 - Informational

- Tag 558 - Message Code: 5113

- Tag 579 - Message Severity: 0 - Information

- Tag 559 - Message Text: "FSM Server has successfully downloaded the Ground® Economy Delivery Confirmation Numbers for Meter #<meter number> on <date/Timestamp>." In the event of Communication error during a Ground® Economy Delivery Confirmation download and no future range is available, and the usage is beyond the 85% threshold then the following will be broadcast:

For Failed download:

- Tag 557 - Message Type: 10 - Failure Message

- Tag 558 - Message Code: 5114

- Tag 579 - Message Severity: 3 - High

- Tag 559 - Message Text: "FSM Server download process for receiving new Ground® Economy 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."

If during the daily verification routine of the Ground® Economy Delivery Confirmation range the usage is beyond 85% and a future range is not present, then the following will be broadcast:

Usage Exceeds 85%:

- Tag 558 - Message Code: 01 - Warning

- Tag 557 - Message Type Code: 5115

- Tag 579 - Message Severity: 3 - High

- Tag 559 - Message Text: "Ground® Economy 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." Meter selection logic will be applicable to this broadcast event. The notification of usage will be broadcast when the automation performs its daily verification routine of tracking number ranges.

Hourly Upload

The Hourly Upload check box will support the broadcast of Hourly Upload files. The following events cause an applicable Message type, code, severity, and text to be broadcast:

For Successful Hourly Upload:

- Tag 557 - Message Type: 02 - Informational

- Tag 558 - Message Code: 5111

- Tag 579 - Message Severity: 0 - Information

- Tag 559 - Message Text: "FSM Server has successfully completed the Hourly Upload for Meter #<meter number> at <Date/Timestamp>.

For failed Hourly Upload:

- Tag 557 - Message Type: 10 - Failure Message

- Tag 558 - Message Code: 5112

- Tag 579 - Message Severity: 3 - High

- Tag 559 - Message Text: "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." Meter selection logic will be applicable to this broadcast event. If multiple meters are configured, then a message text entry for each meter will be repeated with the applicable meter number selected.

Note: Ground Commercial Invoice is no longer supported as an additional upload due to migration to consolidated schema. All error messages can be removed.

End of Day

The End of Day check box will support the broadcast of the Close process. The following events cause an applicable Message type, code, severity, and text to be broadcast:

Close Process Start:

- Tag 557 - Message Type: 02 - Informational

- Tag 558 - Message Code: 5109

- Tag 579 - Message Severity: 0 - Information

- Tag 559 - Message Text: "Close Process has begun for meter #: <Meter number>."

Close Process Completed:

- Tag 557 - Message Type: 02 - Informational

- Tag 558 - Message Code: 5110

- Tag 579 - Message Severity: 0 - Information

- Tag 559 - Message Text: " Close Process has completed for meter #: <Meter Number>" Meter selection logic will be applicable to this broadcast event. If multiple meters are configured, then a message text entry for each meter will be repeated with the applicable meter number selected.

Note: When EOD Close is requested, this (end-of-day) event is uploaded, and this triggers the backend system to mark all shipments/package in the previous hourly upload file as complete and triggers any processes dependent upon a close event.

Document Upload

The Document Upload check box will support the broadcast of 2 events: ETD Upload and Merchant Document Uploads. The following events cause an applicable Message type, code, severity, and text to be broadcast:

For a Successful ETD Upload:

- Tag 557 - Message Type: 08 - Successful

- Tag 558 - Message Code: 5105

- Tag 579 - Message Severity: 0 - Information

- Tag 559 - Message Text: "FSM Server has successfully completed the ETD Upload for meter #: <Meter number> at <Date/Timestamp>."

For a Failed ETD Upload:

- Tag 557 - Message Type: 10 - Failure

- Tag 558 - Message Code: 5106

- Tag 579 - Message Severity: 3 - High

- Tag 559 - Message Text: "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."

For Successful Merchant Document Upload:

- Tag 557 - Message Type: 02 - Informational

- Tag 558 - Message Code: 5107

- Tag 579 - Message Severity: 0 - Information

- Tag 559 - Message Text: "FSM Server has successfully completed the Merchant Document Upload for Meter #<meter number> at <Date/Timestamp>."

For Failed Merchant Document Upload:

- Tag 557 - Message Type: 10 - Failure Message

- Tag 558 - Message Code: 5108

- Tag 579 - Message Severity: 3 - High

- Tag 559 - Message Text: "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." Meter selection logic will be applicable to this broadcast event. If multiple meters are configured, then a message text entry for each meter will be repeated with the applicable meter number selected.

Note: Message code functionality of tag 558 has expanded to support informational codes as well as errors and warnings.

Installation and Upgrade

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.

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 'All' and continue to broadcast based on the configuration of the listener, including reporting on meter specific information.

15.11 Backup and Restore local FedEx data

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. Ensure 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 back up 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 back up 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. The Utility can be closed at any point of time using Exit button.

Figure 103: Backup and Restore Utility
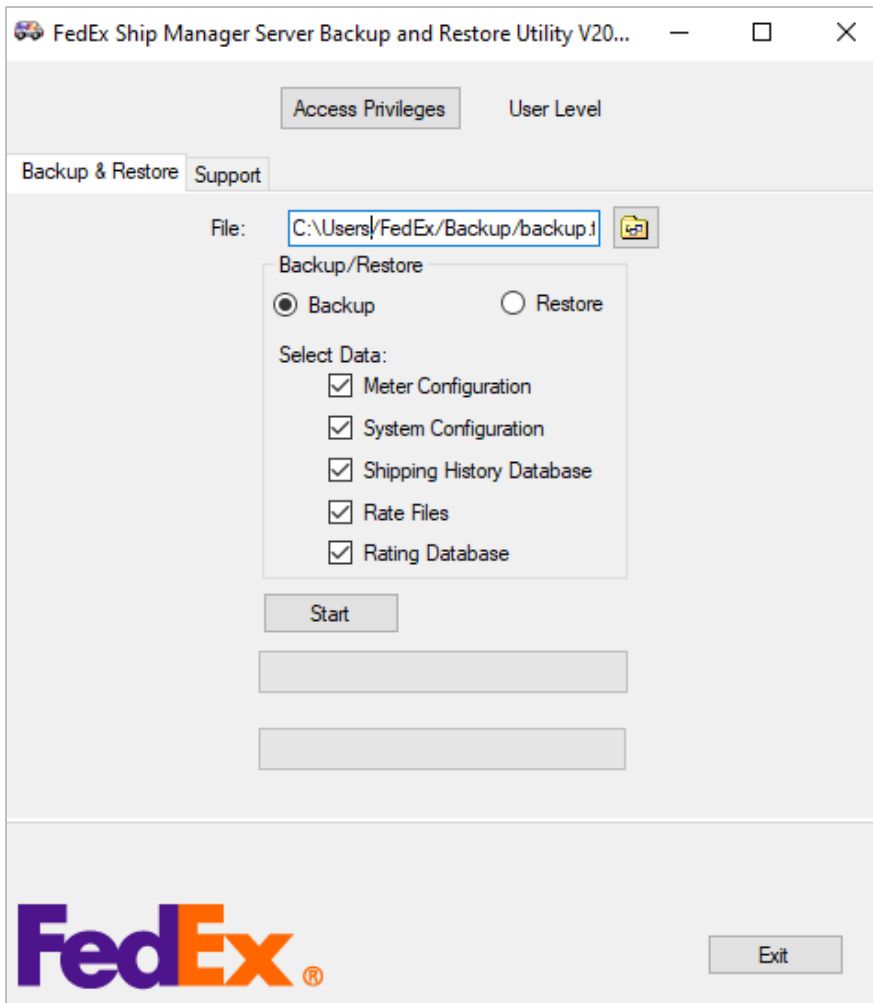
The following data can be taken as a backup by selecting the appropriate checkboxes in the 'Select Data' section:

- Meter Configuration
- System Configuration
- Shipping History Database
- Rate Files
- Rating Database

15.11.1 Backup functionality

- The 'File' and 'Select Data' selection becomes active when the 'Backup' radio button is selected. The Utility backs up the selected data to the designated file on clicking the 'Start' button.

- The default file entry is set to '%APPDATA%\FedEx\Backup' when the 'Backup' radio button is selected.

- You will have the ability to enter or select a different file and location to store backed up information.

- All the checkboxes are checked by default when the 'Backup' radio button is selected under 'Select Data'. You can select the data components you wish to back up. If the directory is modified, all the check boxes are reset and get checked under the 'Select Data' section.

15.11.2 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 104: Restore functionality
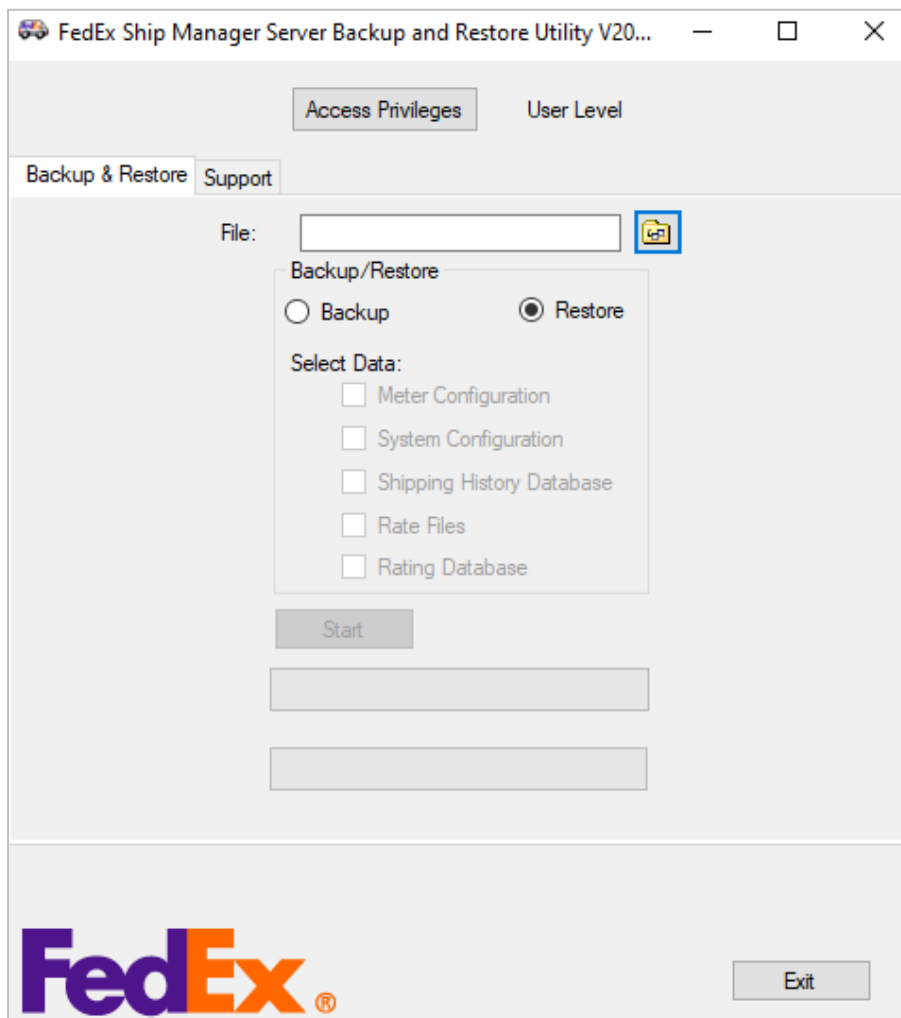
Note:

- *The 'Meter Configuration' checkbox can be used only to restore Meter Configuration Information.*

- *The 'System Configuration' checkbox cannot be used unless the 'Meter Configuration' checkbox information is selected.*

- *If the 'System Configuration' checkbox is checked the 'Meter Configuration' checkbox will be auto-checked.*

- *If 'Meter Configuration' and the System Configuration are selected and you deselect the 'Meter Configuration' checkbox then 'System Configuration' checkbox will be deselected 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 message is returned as "The version you are restoring does not match the backed-up version", and the restoration is aborted and 'OK' information window is 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 message is returned. "The selected data cannot be restored!", and the restoration is aborted, and any information restored until that point is reversed and 'OK' information window is displayed.

After the files are restored the 'Files Restored' window is displayed. On clicking 'OK', the following information window is 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 gets closed and is returned to the Utility window.

15.11.3 Support

The Utility can 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 can 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 105: Support functionality
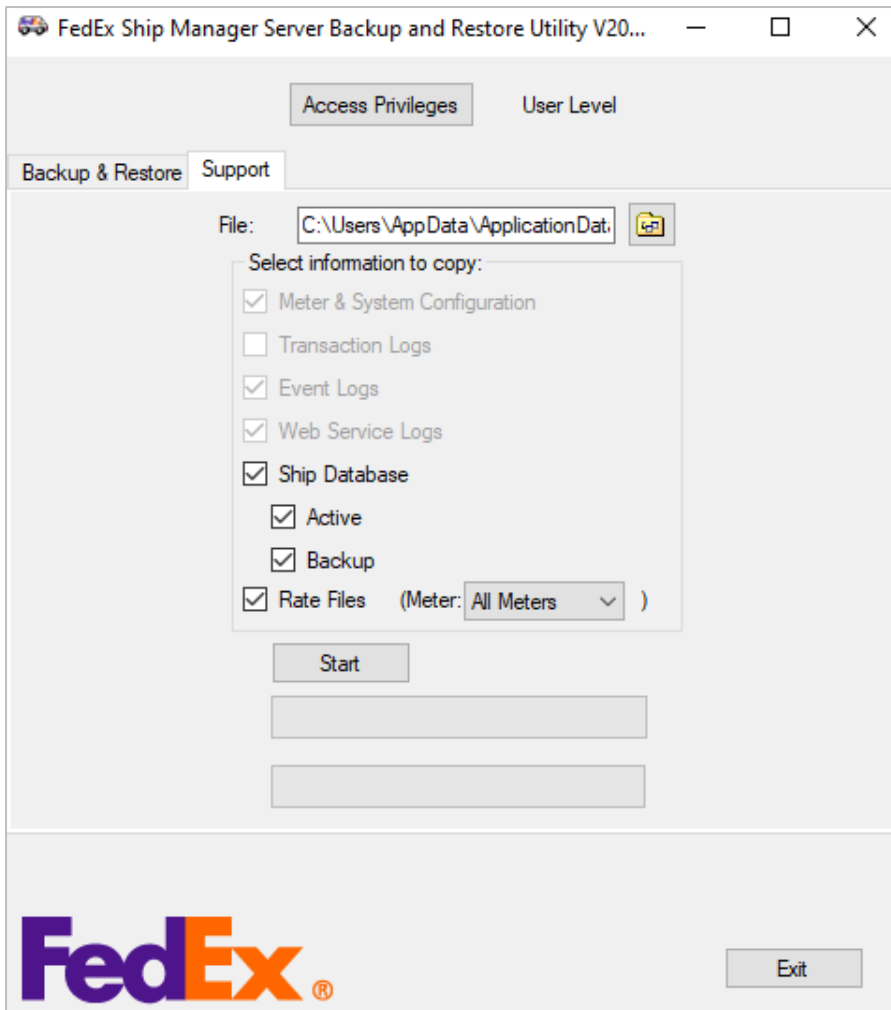
The Support information checkboxes gather the following when checked.

- 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 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.

  o If neither the 'Active' nor the 'Backup' checkboxes are checked then the Ship Database will be unchecked, and no database information is captured upon clicking the 'Start' button.

When the selected files are copied and compressed an information window is displayed with the following information:

"The following file(s) are successfully copied and compressed from FSMSXXXX version as listed: <List all selected files>"

Note: 'XXXX' represents the software version detected by the Utility.

16 Appendix A: Service types of Openship

Table 175: Service Types of Openship

FedEx Express U.S.	Code
FedEx Priority Overnight®	01
FedEx 2Day®	03
FedEx Standard Overnight®	05
FedEx First Overnight®	06
FedEx Express Saver®	20
FedEx First Overnight® Freight	39
FedEx 2Day® AM	49
FedEx 1Day® Freight	70
FedEx 2Day® Freight	80
FedEx 3Day® Freight	83
Extra Hours Priority Overnight	E1
Extra Hours Standard Overnight	E5
Extra Hours First Overnight	E6
FedEx Express Intra-Canada	Code
FedEx Priority Overnight®	01
FedEx 2Day®	03
FedEx First Overnight®	06
FedEx Economy®	20
FedEx 1Day Freight	70
FedEx Express Brazil, Colombia, and Mexico	Code
FedEx Economy®	20
FedEx Express UK	Code

FedEx Next Day by 9 a.m.	22
FedEx Next Day by 10 a.m.	23
FedEx Next Day by 12 noon	24
FedEx Next Day	25
FedEx Economy	26
FedEx 1Day Freight™	32
FedEx Ground U.S./CA	Code
FedEx Home Delivery® (U.S. only)	90
FedEx Ground® (FedEx Ground International Shipments also use Service Type 92)	92
FedEx Freight U.S. (48 contiguous States only)	Code
FedEx Freight® (to create/print Bill of Lading using the 020/120 Global Ship Request/Reply transaction)	111
FedEx Freight® Priority	112
FedEx Freight® Economy	113
FedEx Freight Canada	Code
FedEx Freight™ (to create/print Bill of Lading using the 020/120 Global Ship Request/Reply transaction)	111
FedEx Freight™ Priority	112
FedEx Freight™ Economy (CA to U.S. only)	113
FedEx International Services (including U.S. Export)	Code
FedEx International Priority®	2P
FedEx International Priority® Express	2A
FedEx Regional Economy®	RL
FedEx Regional Economy® Freight	RM
FedEx International Economy®	03
FedEx International Connect Plus	EC

FedEx International First®	06
FedEx International Economy DirectDistribution^{SM} Service	17
FedEx International Priority DirectDistribution®	18
FedEx Europe First® (See the [FedEx Service Guide](#) for served countries.)	57
International Priority Freight	70
FedEx® International DirectDistribution Surface Solutions (formerly called FedEx® Transborder Distribution Service for CA/MX)	82
FedEx International Priority DirectDistribution® Freight	84
FedEx International Economy® Freight	86
FedEx International Ground® Consolidation (IGC) (Use for all packages in an IGC (IGC - International Ground Consolidation is managed enabled service. Please contact your Account Executive for details) shipment)	92
FedEx International Ground® Distribution (IGD)	121
Ground® Economy	Code
Ground® Economy Bound Printed Matter	SB
Ground® Economy Parcel Select Lightweight	SL
Ground® Economy Media	SM
SP–Ground® Economy Parcel Select	SP
SR–Ground® Economy Returns	SR
FedEx Express Domestic Services	Code
FedEx First®	D1
FedEx Priority® Express	D2
FedEx Priority®	D3
FedEx Economy	D4
FedEx Priority Express Freight®	D5
FedEx Priority Freight®	D6

FedEx Economy Freight®	D7

17 Appendix B: Service types of Express International services

Table 176: Service Types of Express International services

U.S. Domestic Services	Code
FedEx Priority Overnight®	01
FedEx 2Day®	03
FedEx Standard Overnight®	05
FedEx First Overnight®	06
FedEx Express Saver®	20
FedEx Next Day by 9:00 AM	22
FedEx Next Day by 10 a.m.	23
FedEx Next Day by 12 noon	24
FedEx Next Day	25
FedEx Economy®	26
FedEx 1Day® Freight	32
FedEx First Overnight® Freight	39
FedEx 2Day® AM	49
FedEx 1Day® Freight	70
FedEx 2Day® Freight	80
FedEx 3Day® Freight	83
FedEx Home Delivery®	90
FedEx Ground®	92
Ground® Economy®	Code
Ground® Economy Bound Printed Matter	SB
Ground® Economy Parcel Select Lightweight	SL

Ground® Economy Media	SM
SP–Ground® Economy Parcel Select	SP
SR–Ground® Economy Returns	SR
FedEx International Services (including U.S. Export)	**Code**
FedEx International Priority®	2P
FedEx International Priority® Express	2A
FedEx Regional Economy®	RL
FedEx Regional Economy® Freight	RM
FedEx International Economy®	03
FedEx International First®	06
FedEx Europe First®	57
International Priority Freight	70
FedEx International Economy® Freight	86
Home Delivery® (CA only), 92 - Ground (CA only)	90
International Ground Consolidation (IGC)	92
FedEx Freight® Priority	112
FedEx Freight® Economy	113
International Ground Distribution (IGD)	121
FedEx International Connect Plus	EC
FedEx Express Domestic Services	**Code**
FedEx First®	D1
FedEx Priority® Express	D2
FedEx Priority®	D3
FedEx Economy	D4
FedEx Priority Express Freight®	D5
FedEx Priority Freight®	D6

| FedEx Economy Freight® | D7 |

18 Appendix C: Report type codes

This table lists FedEx Ship Manager® Server report types and the corresponding codes you may enter in Field 1373 (Report Code).

Table 177: Report type codes

Code	Report Name
001	U.S. Shipment Report
002	U.S. Courier Report
003	U.S. Invoice
004	U.S. International Shipment Report
005	U.S. International Courier Report
006	U.S. International Commercial Invoice
007	U.S. International VISA Manifest Report
008	U.S. International Invoice
009	U.S. International Shipping Summary
010	CRN Report
011	Customs Packing List
012	CCI
013	VISA Manifest
014	CRN Report
015	Customs Packing List
016	CCI
017	VISA Manifest
018	IDD Surface PAPS Manifest
019	IDD Surface CCI
020	IDD Surface CI for FedEx Express/FedEx Ground
021	IDD Surface Domestic Express Courier Report
022	IDD Surface International Invoice

Code	Report Name
023	IDD Surface Ground Manifest
024	CA and MX Domestic Shipment Report
025	CA and MX Domestic Courier Report
026	CA International Shipment Report
027	CA International Courier Report
028	CA International Commercial Invoice
029	CA International VISA Manifest Report
030	CA Invoice Combined Invoice
031	EOD Transout (to file only)
032	U.S./CA Ground Manifest Report
033	U.S./CA Ground Multiweight Package Detail
034	U.S./CA Ground Multiweight Shipment Detail by Postal Code
035	U.S./CA Ground Multiweight Shipment Detail by Zone
036	U.S./CA Ground Multiweight DCV
037	U.S./CA Ground Multiweight C.O.D.
038	U.S./CA Ground C.O.D.
039	U.S. Ground HazMat Certification
040	Express 1421C (Printer Only)
041	Ground OP-900LL (Printer Only)
042	Ground Commercial Invoice
043	IDD Surface Ground Commercial Invoice
047	INTL EOD Transout (to file only)
048	CA INTL EOD Transout (to file only)
049	CA and MX Domestic EOD Transout (to file only)
050	FedEx Express Pro forma Invoice

Code	Report Name
051	FedEx Express Certificate of Origin
052	FedEx Express Shipment Detail
053	Ground Certificate of Origin
054	Ground Shipment Detail
055	Straight (Uniform) BOL
056	Shipment Summary Report
057	International Ground, IGD, CCI
058	USMCA/T-MEC/CUSMA COO
059	GAA Form
062	Ground Multiweight Delivery Details
TBS	FedEx Ground Batch Upload Failure
TBS	FedEx Express Batch Upload Failure
066	VICS BOL
067	FedEx Ground® Economy Detail Report
068	Ground® Economy Returns
069	FedEx Ground® Economy Manifest Report
070	FedEx Express Global Returns Report
071	FedEx Ground Global Returns Report
072	Freight Universal Commercial Invoice
073	Freight Certification of Origin
074	Freight USMCA/T-MEC/CUSMA Certificate of Origin
075	ADR Shippers Declaration
076	Detailed Delivery Manifest
077	FedEx Domestic Returns (Express U.S. Domestic & Non-U.S. Domestic)
078	FedEx Ground Domestic Returns

Code	Report Name
079	OP-900LG
080	IPD/IED Customs Detail Report
081	IDF Customs Detail Report
082	Uploaded Data Ground Hazardous Materials Certification Report
083	Express USMCA/T-MEC/CUSMA COO
084	Ground USMCA/T-MEC/CUSMA CI COO
085	Express USMCA/T-MEC/CUSMA CI COO