FedEx Ship Manager® Server v18.0.6 Developer Leave Behind Document
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Introduction

This document explains the new features available with v18.0.6 of the FSMS application. It covers their usage and benefits and serves as a guide to the technical audience to use these services using the sample transactions and the new tags added.

Below are the services:

**FedEx Extra Hours Service**

**FedEx Ground 7-Day Delivery**
FedEx Extra Hours Service

Provides services for customers seeking next-day delivery in local areas with late pickup and larger zone delivery options. Fast overnight local delivery.

Feature details
FedEx Extra Hours service is used when you order item(s) late in the day and expect next-day delivery, and the FedEx pickup cutoff window has passed. This contract-only service provides FedEx Express late pickups, allowing customers to receive packages the next day within normal commitment times. FedEx Extra Hours is available for FedEx First Overnight®, FedEx Priority Overnight®, and FedEx Standard Overnight® shipments. All FedEx Extra Hours services are available for pickup with overnight 1-day transit commitment Monday through Saturday. Saturday pickup will have 2-day transit with Monday delivery.

Service benefits
- Enables retailers to fulfill evening orders with a FedEx Express next-day local delivery.
- Provides overnight express shipping from stores or distribution centers by offering a later pickup cutoff time.
- Get products from your store or distribution center to your customer’s door sooner than competitors with later cutoff times.
- Lowers transportation costs by using your local store inventory to fulfill orders during evening hours. Plus, improves inventory management by using local stores as distribution centers.
- Shipping of ORM-D packages in an express shipment now possible with Extra Hours.
**Process to follow**

To request Extra Hours services in 020 transactions, send below values in the field 1274:

**E1** – Extra Hours Priority Overnight

**E5** – Extra Hours Standard Overnight

**E6** – Extra Hours First Overnight

*Note: For ORM-D packages, specify value “O” in the package tag 1900 for a single piece, and in 1900-2, 1900-3, etc. for MPS shipments.*

**Sample transactions for Extra Hours**

**FedEx Priority Overnight Extra Hours**

<table>
<thead>
<tr>
<th>Request</th>
<th>Reply</th>
</tr>
</thead>
</table>

**Sample Shipping Label**
### FedEx Standard Overnight Extra Hours

<table>
<thead>
<tr>
<th>Request</th>
<th>Reply</th>
</tr>
</thead>
</table>

### Sample Shipping Label

[Image of a sample shipping label with details provided in the text box]
### FedEx First Overnight Extra Hours

<table>
<thead>
<tr>
<th>Request</th>
<th>Reply</th>
</tr>
</thead>
</table>

### Sample Shipping Label

![Sample Shipping Label Image]
FedEx Ground 7-Day Delivery

Enable many residential customers to receive FedEx Home Delivery shipments on a Sunday and display the transit quote for FedEx Ground, FedEx International Ground® and FedEx Home Delivery shipments with a date and time so the customer has more precise delivery date/time.

Enhancement to FedEx Home Delivery

- Beginning January 19, 2020, FedEx Home Delivery® now makes residential deliveries 7 days a week, with delivery to most locations on Saturday and many on Sunday.
- Having a Sunday fall between the transit days may no longer affect the delivery day.

Increase in weight limit

As of February 2020, the weight limit for FedEx Home Delivery packages has increased from 70 lbs. to 150 lbs.
Estimated delivery date and time of delivery

To provide a precise shipping experience, FedEx Ground, FedEx International Ground and FedEx Home Delivery shipments return the estimated delivery date and time of delivery.

**Deliver by Time** is a new tag that’s been added to provide the estimated delivery date and time of delivery.

<table>
<thead>
<tr>
<th>Field ID</th>
<th>Field Length</th>
<th>Data Type</th>
<th>Service</th>
<th>Input/Output</th>
<th>Valid For</th>
<th>Basic Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2450</td>
<td>Min=1</td>
<td>Time</td>
<td>FDXE, FDXG, FHD</td>
<td>O</td>
<td>All</td>
<td>Field Level: Shipment Description</td>
</tr>
</tbody>
</table>
|          | Max=20       |           |           |              |           | • Use this tag to display precise time in Route or Rate-Route combo or Time-in-Transit reply transaction.  
|          |              |           |           |              |           | • Valid values are:  
|          |              |           |           |              |           | o type #1 is a time stamp = 11:59 PM  
|          |              |           |           |              |           | o type #2 is human-readable = End of Day |

**Deliver by Date** is an existing tag that provides the date by which package needs to be delivered.

<table>
<thead>
<tr>
<th>Field ID</th>
<th>Field Length</th>
<th>Data Type</th>
<th>Service</th>
<th>Input/Output</th>
<th>Valid For</th>
<th>Basic Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>409</td>
<td>Max=7</td>
<td>N</td>
<td>FDXE FDXG</td>
<td>O</td>
<td>U.S. CA</td>
<td>Description</td>
</tr>
</tbody>
</table>
|          |              |           |           |              |           | • Deliver by Date field indicates date by which package needs to be delivered.  
|          |              |           |           |              |           | • Deliver-by date is printed on the shipping label.  
|          |              |           |           |              |           | • Returned for U.S. and Canada (CA) destinations. |
Fractional Package Weight is an existing tag that provides the weight of the package/shipment.

<table>
<thead>
<tr>
<th>Field ID</th>
<th>Field Length</th>
<th>Data Type</th>
<th>Service</th>
<th>Input/Output</th>
<th>Valid For</th>
<th>Basic Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1670-#</td>
<td>Max=8.2</td>
<td>N</td>
<td>FDXE</td>
<td>I/O</td>
<td>All</td>
<td>Field Level: Package Required* Required:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>FDXG</td>
<td></td>
<td></td>
<td>• If field 1493 is Y.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>FDXS</td>
<td></td>
<td></td>
<td>• For U.S. shipping, including FedEx Ground hazardous materials shipments to specify individual package weights.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• To receive rate quotes. Only one occurrence of Field ID 1670 may be included in the 025 Rate Available Services Request transaction.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• For LBS only when shipping FedEx SmartPost.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Description</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Package weight/shipment weight field indicates the weight of the package/shipment.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Maximum FedEx Express (non-Freight) and FedEx Ground weights – 150 lbs.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• The correct format is 15000 because there are two implied decimals.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Maximum FedEx Home Delivery weight – 150 lbs. The correct format is 15000 because there are two implied decimals.</td>
</tr>
</tbody>
</table>
• Maximum FedEx SmartPost weight - 70 lbs. The correct format is 7000 because there are two implied decimals.
• For FDXG, enter 1670-1, 1670-2, 1670-3, FSMS counts the packages and states 3 for Package Total.
• For FDXE and FDXS, 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 you submit a 020 transaction or a 037 transaction for Multiple Email Return Labels for Domestic, International or Non-US Domestic and wants to provide any of the following, this information must be entered at the package level.
  o Declared Value/Carriage Value (AKA: Insured Value, Tag 69)
  o Dimensions (Tags 57–Height; 58–Width; & 59–Length)
  o Weight (Tag 1670)
  o If any shipment level information is provided, it will be ignored and not uploaded.
## Sample transactions for ground 7-day delivery

### FedEx Home Delivery

<table>
<thead>
<tr>
<th>Request</th>
<th>Reply</th>
</tr>
</thead>
<tbody>
<tr>
<td>0,0,201,'DOM express openship'!1,'xxxxxxxxx'12,'Xxxxxxxxxx'13,'Federal Express'15,'xxxxxx'16,'TN!17,'xxxxx'18,'xxxxxx'23,'1',2,'Step 00001-01'-XXXXXXXCL'50,'US'69,'100074','US'75,'lbs'79,'BOOKS'80,'US'117,'US'119,'xx xxxx'187,'PNG'541,'YNNYNNNNN'542,'exppenishinship'1090,'USD'1103,'xxxxxx'1139,'xxxxxxxxxx'1273,'01'1274,'90'1341,'xxxxxx'1349,'S'1670,'xxxxxxx'1119,'Bag'99,**</td>
<td>0,1201,'DOM express openship'!10,'xxxxxxxxx'29,'xxxxxxxxx'542,'expopenishinship'671,'31678','FDXO'99,**</td>
</tr>
<tr>
<td>0,0,201,'DOM express openship'!1,'XXXXXXXXXXXXXX'12,'XXXXXXXXXXXXX'13,'Federal Express'15,'xxxxxx'16,'TN'17,'xxxxxx'18,'xxxxxx'23,'1',2,'Step 00001-01'-XXXXXXXCL'50,'US'69,'100074','US'75,'lbs'79,'BOOKS'80,'US'117,'US'119,'xx xxxx'187,'PNG'541,'YNNYNNNNN'542,'exppenishinship'1090,'USD'1103,'xxxxxx'1139,'xxxxxxxxxx'1273,'01'1274,'90'1341,'xxxxxx'1349,'S'1670,'xxxxxxx'1119,'Bag'99,**</td>
<td>0,1201,'DOM express openship'!10,'xxxxxxxxx'29,'xxxxxxxxx'542,'expopenishinship'671,'31678','FDXO'99,**</td>
</tr>
<tr>
<td>0,0,201,'DOM express openship'!1,'XXXXXXXXXXXXXX'12,'XXXXXXXXXXXXX'13,'Federal Express'15,'xxxxxx'16,'TN'17,'xxxxxx'18,'xxxxxx'23,'1',2,'Step 00001-01'-XXXXXXXCL'50,'US'69,'100074','US'75,'lbs'79,'BOOKS'80,'US'117,'US'119,'xx xxxx'187,'PNG'541,'YNNYNNNNN'542,'exppenishinship'1090,'USD'1103,'xxxxxx'1139,'xxxxxxxxxx'1273,'01'1274,'90'1341,'xxxxxx'1349,'S'1670,'xxxxxxx'1119,'Bag'99,**</td>
<td>0,1201,'DOM express openship'!10,'xxxxxxxxx'29,'xxxxxxxxx'542,'expopenishinship'671,'31678','FDXO'99,**</td>
</tr>
</tbody>
</table>

### Sample Shipping Label

<table>
<thead>
<tr>
<th>From:</th>
<th>SHIP:0900 OCEAN DR</th>
<th>CITY:CINCINNATI, OH</th>
<th>ZIP:45234</th>
</tr>
</thead>
<tbody>
<tr>
<td>TO:</td>
<td>TNP:38116 (US)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**FedEx Ground 7-Day Delivery**

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**FedEx Ship Manager Server Leave Behind, 2020**
FedEx Ground Delivery

Request

| 01201 | 0 | DOM express openship | 11 | "xxxxxxxxxxxxx","xxxxxxxxxxxx","xxxxxxxxxxxxx","xxxxxxxxxxxxx","ground" |
| 01201 | 0 | DOM express openship | 10 | "xxxxxxxxxxxxx","xxxxxxxxxxxx","xxxxxxxxxxxxx","xxxxxxxxxxxxx","ground" |
| 01201 | 0 | DOM express openship | 0 | "xxxxxxxxxxxxx","xxxxxxxxxxxx","xxxxxxxxxxxxx","xxxxxxxxxxxxx","ground" |

Reply

| 01201 | 0 | DOM express openship | 11 | "xxxxxxxxxxxxx","xxxxxxxxxxxx","xxxxxxxxxxxxx","xxxxxxxxxxxxx","ground" |
| 01201 | 0 | DOM express openship | 10 | "xxxxxxxxxxxxx","xxxxxxxxxxxx","xxxxxxxxxxxxx","xxxxxxxxxxxxx","ground" |
| 01201 | 0 | DOM express openship | 0 | "xxxxxxxxxxxxx","xxxxxxxxxxxx","xxxxxxxxxxxxx","xxxxxxxxxxxxx","ground" |

Sample Shipping Label

From: 16500 E ESSENTIALS
3200 FINCH RD
CLOVER LANE, IN 46129

TO:

Federal Express

TN 38116

Ref: 02023032389M9LGL

GND Prepaid

[Image of shipping label]

FedEx Ground 7-Day Delivery
FedEx Express Delivery

Request

0.0201, 'DOM express openship'11,'xxxxxxxxxxxxxx'12,'xxxxxxxxxxxxxx'12,'Federal Express'15,'XXXXXXXXXXXXXXX'16,'TN17'18,'38116'18,'7625743'23,'125','Step 0001-01-EXP INTL-CL'50,'US'69,'1000'74,'US'75,'lbs'79,'BOOKS'80,'US'117,'US'119,'xxxxxxxxxxxxxx'17,'PNG'541,'NYNNNNNNN'542,'expopenship'1090,'USD'1103,'xxxxxxxxxxxxxx'1139,'x xxxxxxxxx'1273,'101274','01'1341,'xxxxxxxxxxxxxx'1349,'S'1670'1690,'US'1000'1958,'BAg9'9,' 

0.0201, 'DOM express openship'11,'xxxxxxxxxxxxxx'12,'xxxxxxxxxxxxxx'13,'Federal Express'15,'XXXXXXXXXXXXXXX'16,'TN17'18,'38116'18,'7625743'23,'125','Step 0001-01-EXP INTL-CL'50,'US'69,'1000'74,'US'75,'lbs'79,'BOOKS'80,'US'117,'US'119,'xxxxxxxxxxxxxx'17,'PNG'541,'NYNNNNNNN'542,'expopenship'1090,'USD'1103,'xxxxxxxxxxxxxx'1139,'x xxxxxxxxx'1273,'01'1274,'01'1341,'xxxxxxxxxxxxxx'1349,'S'1670'1690,'US'1000'1958,'BAg9'9,' 

0.0201, 'DOM express openship'11,'xxxxxxxxxxxxxx'12,'xxxxxxxxxxxxxx'12,'Federal Express'15,'XXXXXXXXXXXXXXX'16,'TN17'18,'38116'18,'7625743'23,'125','Step 0001-01-EXP INTL-CL'50,'US'69,'1000'74,'US'75,'lbs'79,'BOOKS'80,'US'117,'US'119,'xxxxxxxxxxxxxx'17,'PNG'541,'NYNNNNNNN'542,'expopenship'1090,'USD'1103,'xxxxxxxxxxxxxx'1139,'x xxxxxxxxx'1273,'01'1274,'01'1341,'xxxxxxxxxxxxxx'1349,'S'1670'1690,'US'1000'1958,'BAg9'9,' 

Reply

0.1201, 'DOM express openship'10,'xxxxxxxxxxxxx'29,'xxxxxxxxxxxxxx'30,'XH ARGA'33,'A1'194,'FR'195,'MEM'198,'XH ARGA' 

0.090, '17Jan20'09,'866','xxxxxxxxxxxxxx'28,'xxxxxxxxxxxxxx'29,'x xxxxxxxxx'526,'0201'542,'expopenship'671,'21'1084,'CVGA'1136,'XH'2460,'10:30 AM'7651,'PRIORITY OVERNIGHT'99,' 

0.1201, 'DOM express openship'10,'xxxxxxxxxxxxxx'21,'10'25,'Step 0001-01-XXIXXXXXXCL'29,'xxxxxxxxxxxxxx'57,'0'58,'0'59,'0'69,'1000'116,'2'498,'xxx xxx'526,'0201'542,'expopenship'671,'21'1117,'2'1684,'0'99,' 

0.1201, 'DOM express openship'10,'xxxxxxxxxxxxxx'21,'10'25,'Step 0001-01-XXIXXXXXXCL'29,'xxxxxxxxxxxxxx'57,'0'58,'0'59,'0'69,'1000'116,'3'498,'xxx xxx'526,'0201'542,'expopenship'671,'21'1117,'3'1684,'0'99,' 

0.1201, 'DOM express openship'10,'xxxxxxxxxxxxxx'30,'XH ARGA'33,'A1'194,'FR'195,'MEM'198,'XH ARGA' 

0.090, '17Jan20'09,'866','xxxxxxxxxxxxxx'525,'xxxxxxxxxxxxxx'533,'7Federal Express'557,'02'558,'2640'559,'Saturday delivery is available for this Service 

650,'TRK#651,'0201'652,'653','XH ARGA'654','555','556','xxxxxxxxxxxxxx'657','658','Fri - 17 Jan 10:30A'659,'PRIORITY OVERNIGHT'660,'661','38116'662','TN- US'663,'MEM'664','xxxxxxxxxxxxxx'665','xxxxxxxxxxxxxx'666','669','670'1084,'CVGA'1136,'XH'2399,'02'450,'10:30 AM'7651,'PRIORITY OVERNIGHT'99,' 

0.1201, 'DOM express openship'10,'xxxxxxxxxxxxxx'30,'XH ARGA'33,'A1'334,'xxxxxxxx'35,'1602'36,'0'37,'xxxxxxxx'60','30'112,'194','FRI'195,'MEM'198,'XH ARGA' 

0.090, '17Jan20'09,'498','xxxxxxxxxxxxxx'525','xxxxxxxxxxxxxx'533,'7Federal Express'557,'02'558,'2640'559,'Saturday delivery is available for this Service 

650,'TRK#651,'0201'652,'653','XH ARGA'654','555','556','xxxxxxxxxxxxxx'657','658','Fri - 17 Jan 10:30A'659,'PRIORITY OVERNIGHT'660,'661','38116'662','TN- US'663,'MEM'664','xxxxxxxxxxxxxx'665','xxxxxxxxxxxxxx'666','669','670'1084,'CVGA'1136,'XH'2399,'02'450,'10:30 AM'7651,'PRIORITY OVERNIGHT'99,' 

Sample Shipping Label

FedEx Ground 7-Day Delivery