



## FedEx Ship Manager® Server Release Notes for v 8.5.1

The following features and enhancements are included in the maintenance update for FedEx Ship Manager Server 8.5.0 to FedEx Ship Manager Server 8.5.1.

### New Features and Enhancements since FedEx Ship Manager Server 8.5.0

FedEx announced rates and pricing changes effective in January 2010. For details of these changes, please go to [fedex.com/us/rates2010](http://fedex.com/us/rates2010).

#### Delivery Area Surcharge Tier Changes

The current delivery area surcharge for FedEx Express®, FedEx Ground® and FedEx Home Delivery® for shipments to remote, sparsely populated, or geographically difficult to access locations has been changed to five tiered levels of delivery surcharge. Each tier will work the same as the previous delivery area surcharge functionality except that each tier has its own independent price points, multi-weight transaction caps, discounts and ZIP codes.

The new delivery area surcharge tiers fall into commercial and residential categories. Commercial has five tiers as does residential.

The existing 020/120 Global Ship transaction and the 025/125 Rate Available Services transaction are affected by this change.

#### 020/120 Global Ship Transaction

An 020 Global Ship Request may be made with either dynamic surcharging turned off or on. Dynamic surcharging is configured (turned on) if you select the **List Rates** checkbox on the Meter Settings tab under the FedEx Express section. Output replies differ depending upon whether or not dynamic surcharging is configured.

#### Dynamic Surcharge Configured Examples

**Note:** All examples assume that the origin and/or destination are within and delivery area surcharge tier.

If a customer is attempting to rate a FedEx Express U.S., FedEx Ground U.S. or FedEx Ground international shipment via the 020 Global Ship Request and they pass in Field 1234 (Rate Route/Time in Transit Flag) set to position 1 (Rate Quote) or 3 (Rate/Route) or Field 3062 (Rate Quote Type) set to position 2 (List Rates and Discount Rates) Fields 1947 (Dynamic Surcharge Code) and 1945 (List Dynamic Surcharge Code) shall be returned with the appropriate code for the delivery area surcharge tier.

If a customer is attempting to rate a FedEx Express U.S., FedEx Ground U.S. or FedEx Ground international shipment via the 020 Global Ship Request and passes in Field 541 (Open Ship Flags) with position 3 – Rate set to “Y” or Field 3062 (Rate Quote Type) set to position 2 (List Rates and Discount Rates) Fields 1947 (Dynamic Surcharge Code) and 1945 (List Dynamic Surcharge Description) shall be returned with the appropriate code for the delivery area surcharge tier.

#### Dynamic Surcharge Not Configured Examples

**Note:** All examples assume that the origin and / or destination are within a delivery area surcharge tier.

If a customer is attempting to rate a FedEx Express U.S., FedEx Ground U.S. or FedEx Ground international shipment via the 020 Global Ship Request and passes in Field 541 (Open Ship Flags) with position 3 rate set to "Y" or Field 3062 (Rate Quote Type) set to position 2 (List Rates and Discount Rates) Field 554 (Delivery Area Surcharge) and Field 1522 (List Delivery Area Surcharge) shall be returned with an amount.

### 025/125 Rate Available Services Transaction

**Note:** Dynamic surcharging is not supported in the 125 Rate Available Service Reply.

Customers can obtain rating information including delivery area surcharge within the 025 Rate Available Service Request.

If a customer is attempting to rate a FedEx Express U.S., FedEx Ground U.S. or FedEx Ground international shipment via the 025 Rate Available Service Transaction and passes in Field 1234 (Rate Route/Time in Transit Flag) set to position 1 (Rate Quote) or 3 (Rate/Route) or Field 3026 (Rate Quote Type) set to position 2 (List Rates and Discount Rates), Field 554 (Delivery Area Surcharge) and Field 1522 (List Delivery Area Surcharge) will be returned with an amount. Field 1998 (Delivery Area Surcharge Description) shall also be returned.

### Field Modifications and Additions

Field ID	Field Length	Data Type	Input/Output	FedEx Shipping		Field Description
				Service	Valid For	
Alaska Surcharge				Transactions: 120 Global Ship Reply		
424	Max=11.2	N	O	FDXG	All	Obsolete field
Hawaii Surcharge				Transactions: 120 Global Ship Reply		
425	Max=11.2	N	O	FDXG	All	Obsolete field
List Alaska Surcharge				Transactions: 120 Global Ship Reply		
1521	Max=11.2	N	O	FDXG	All	Obsolete field
List Hawaii Surcharge				Transactions: 120 Global Ship Reply		
1524	Max=11.2	N	O	FDXG	All	Obsolete field
List Dynamic Surcharge Code				Transactions: 120 Global Ship Reply		
1945	Min=3 Max=5	N	O	FDXE FDXG	All	The following surcharge codes are returned in the 120 Global Ship Reply transaction when applicable. 180 – Alaska - Obsolete value 200 – Hawaii - Obsolete value 501 – Delivery Area Surcharge Commercial 502 – Delivery Area Surcharge Extended Commercial 503 – Delivery Area Surcharge Alaska Commercial 504 – Delivery Area Surcharge Hawaii Commercial 505 – Delivery Area Surcharge Intra-Hawaii Commercial 506 – Delivery Area Surcharge Residential

						507 – Delivery Area Surcharge Extended Residential 508 – Delivery Area Surcharge Alaska Residential 509 – Delivery Area Surcharge Hawaii Residential 510 – Delivery Area Surcharge Intra-Hawaii Residential
Dynamic Surcharge Code					Transactions: 120 Global Ship Reply	
1947	Min=3 Max=5	N	O	FDXE FDXG	All	The following surcharge codes are returned in the 120 Global Ship Reply transaction when applicable. 180 – Alaska - Obsolete value 200 – Hawaii - Obsolete value 501 – Delivery Area Surcharge Commercial 502 – Delivery Area Surcharge Extended Commercial 503 – Delivery Area Surcharge Alaska Commercial 504 – Delivery Area Surcharge Hawaii Commercial 505 – Delivery Area Surcharge Intra-Hawaii Commercial 506 – Delivery Area Surcharge Residential 507 – Delivery Area Surcharge Extended Residential 508 – Delivery Area Surcharge Alaska Residential 509 – Delivery Area Surcharge Hawaii Residential 510 – Delivery Area Surcharge Intra-Hawaii Residential

## Discounted Fuel Surcharge for FedEx Ground

FedEx Ground rate quotes can now receive the discounted fuel surcharge, if applicable.

### Field Modifications and Additions

Field ID	Field Length	Data Type	Input/ Output	FedEx Shipping		Field Description
				Service	Valid For	
Fuel Surcharge Amount					Transactions: 120 Global Ship Reply	
1393	Max=11.2	N	O	FDXG	All	Fuel surcharge levied for variable fuel costs.