

# Shipping Module

## Shipping Module

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# Default Shipping Method

## 1/ Default Shipping Method rules:

For recipients on our 1 or 2 day zipcode list we want to pre-select UPS Ground - code **UPS\_03**

So 1 or 2 day ground zips should default to **UPS\_03**

Everything else should default to **UPS\_02**

nothing should default to overnight / UPS\_01, that's the more expensive option and would only be used by request.

2/

# Picked Up (pickup) at Fran's

Pick-up at Frans orders (pick-up orders) are orders that have ship method `Pick Up at ...`. The order will be picked up in one of the four pick-up stores in Frans.

Here are the steps to process a pick-up order:

## Step 1: Place order

Make an admin single ship pickup order by picking the fran's store and pickup method. When placing order, choose ship method `PickUp..`; such as `Pickup Downtown`. Make sure shipping address matches.

## Step 2: Ship

Go to the QA page and create `Create Shipment` to make the shipment.

## Step 3: Print tickets in QA

It must be in 'printed' status to process the pickup: click `Print` button.

Quote Address #4472

✓ Shipment #210500295 Created for Quote Address #4472.

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Print

Hold

Cancel and Recreate Shipment

PICKUP ORDER

READY TO PRINT

Order #2100350

Shipment #210500295

Shipping Manager

Print page will be shown:

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Print Tickets

Print Packing Slips

PICKING TICKET

shipment: MAIL\_210500295  
order: #2100350  
by Brian N on Aug 16, 2024



\*210500295\*

Bill to:  
Brian Nguyen  
San Diego, California, 92115

Ship to:  
Downtown Fran's  
Fran's Chocolates - Downtown  
Seattle, Washington, 98101

Ship Date:  
**08/19/24**

**Pickup - Downtown**

1	7pc Gray & Smoked Salt Caramels - Windermere Foundation	Ivory Box / Royal Blue Ribbon / Hang Tag	233060-40
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Click 'Print Tickets' then either print the document, or cancel the print dialog. That will change the QA/Shipment to printed status:

This quote address is printed.

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Print

Checked

Ready for Pickup

Hold

Cancel and Recreate Shipment

PICKUP ORDER

PRINTED

Order #2100350

Shipment #210500295

Shipping Manager

## Step 4: Mark QA as Ready For Pickup

Go back to the QA page, you should see button '**Ready for Pickup**' option now, click that one.

Shipment will be generated, and QA should look like this:

## Quote Address #4472



ngxtri ▾

✓ Mail Sent Successfully

✓ Shipment #210500295 Created for Quote Address #4472.

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Print

Picked Up

Hold

**PICKUP ORDER**

**READY FOR PICKUP**

[Order #2100350](#)

[Shipment #210500295](#)

[Shipping Manager](#)

## Step 5: Pick up the order

On QA page, click 'Picked Up'. That will finalize the pickup order and create the invoice. A `picked up` email will also be sent.

# Frans custom for Shipment module

Frans shipment has some custom.

## 1/ Shipment created vs shipment shipped

Shipping process goes like this:

- step 1 - Shipper creates a shipment
- step 2 - Shipper adds packages to shipment
- step 3 - Shipper adds products to shipment's packages
- step 4 -Shipper prints label

Notice that after step 4; sales\_shipment has column `ship\_date` populated. Before step 4; `ship\_date` is empty.

We use `sales\_shipment` column `ship\_date` to determine if and when the shipment **ACTUALLY** shipped. We call that column actual-ship-date. Do **NOT** use `sales\_shipment` created\_at column - that column only means that shipment begins (step 1).

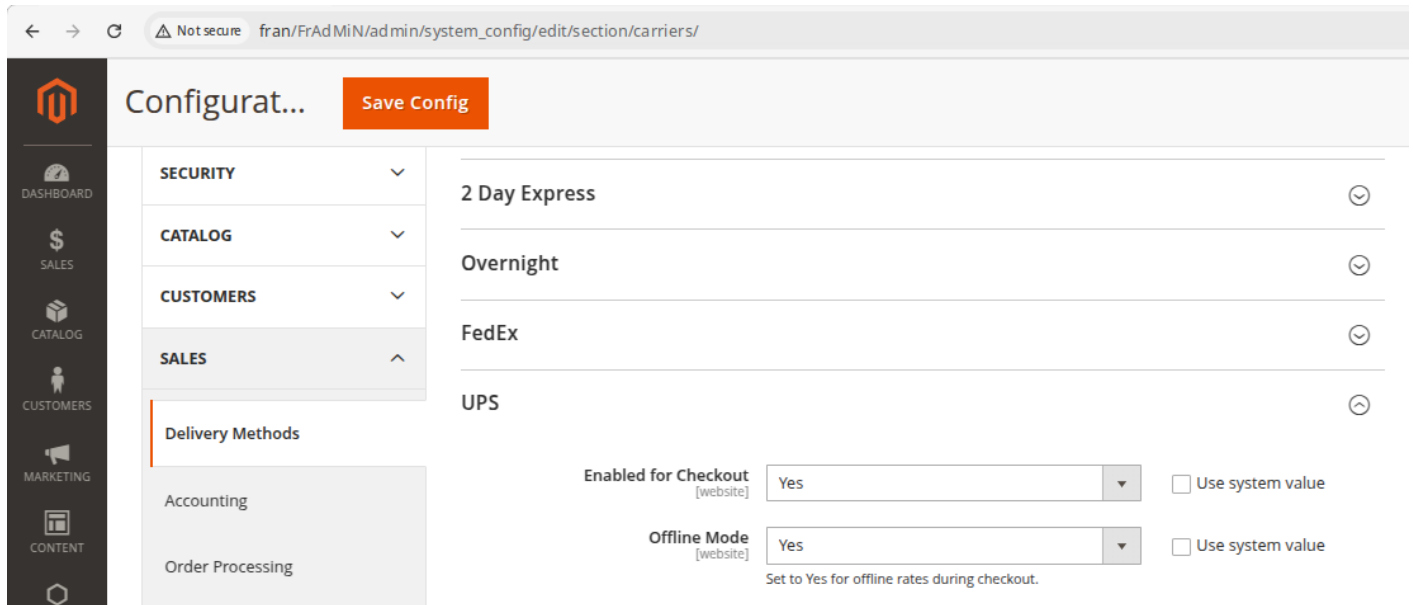
# Check cutoff date in FE checkout

11/19/24

In frontend checkout, there's a js polling that runs every 1 minute to get the latest cutofftime

# Offline Mode

For shipping with UPS, there's an offline mode:



The screenshot shows the Magento Admin System Configuration page for Carriers. The left sidebar contains navigation links for Dashboard, Sales, Catalog, Customers, Marketing, and Content. The main content area is titled 'Configurat...' and has a 'Save Config' button. The configuration is organized into sections: SECURITY, CATALOG, CUSTOMERS, and SALES. Under the SALES section, 'Delivery Methods' is expanded, showing '2 Day Express', 'Overnight', 'FedEx', and 'UPS'. The 'UPS' section is expanded to show configuration options: 'Enabled for Checkout [website]' is set to 'Yes' with a 'Use system value' checkbox; 'Offline Mode [website]' is set to 'Yes' with a 'Use system value' checkbox. A note below the 'Offline Mode' field states: 'Set to Yes for offline rates during checkout.'

When Offline Mode is Yes, ship rate calculation is faster. No need to call UPS for live rates. Please use this with care; because it might give you outdated UPS shipping rates. Only use this `Offline Mode` for development; and remember to turn it off after use.

# Print Multiple packages per ship - UPS

Shipping Manager - Allow multiple packages for a shipment

Example Shipping Manager UI; which has box `Number Of Labels` :

Shipment #210500310

🔍 99+ 👤 ngxtri ▾

⚠️ This Shipment Has Already Shipped!!  
Use this to reprint if needed.

## 1. Verify Shipping Address:

Seattle Library  
1000 4th Ave  
Seattle, WA 98104  
206-386-4636

## 2. Verify Order Items to Ship:

Product	Order Qty	Ship Qty
CARAMELS-SMOKED-SALT-20PC-CHAMPAGNE-CHAMPAGNE Smoked Salt Caramels	5	<input type="text" value="5.0000"/>

## 3. Select Ship Method

- FedEx 2 Day
- FedEx Ground
- FedEx Home Delivery
- FedEx Priority Overnight
- FedEx Standard Overnight
- Flat Rate Fixed
- UPS UPS Next Day Air
- UPS UPS Second Day

Add Ice Packs

Re-Print Packing Slip

Print Shipping Label

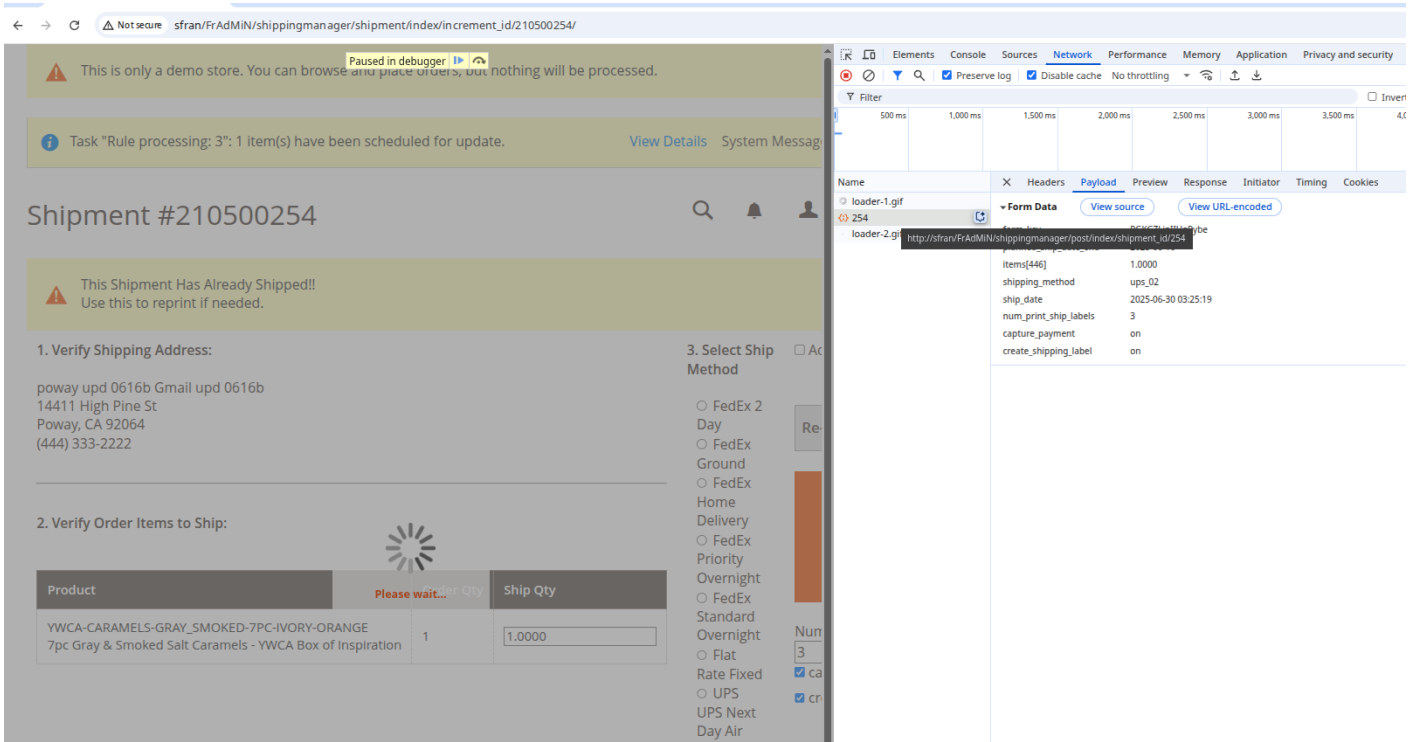
Number Of Labels

capture payment

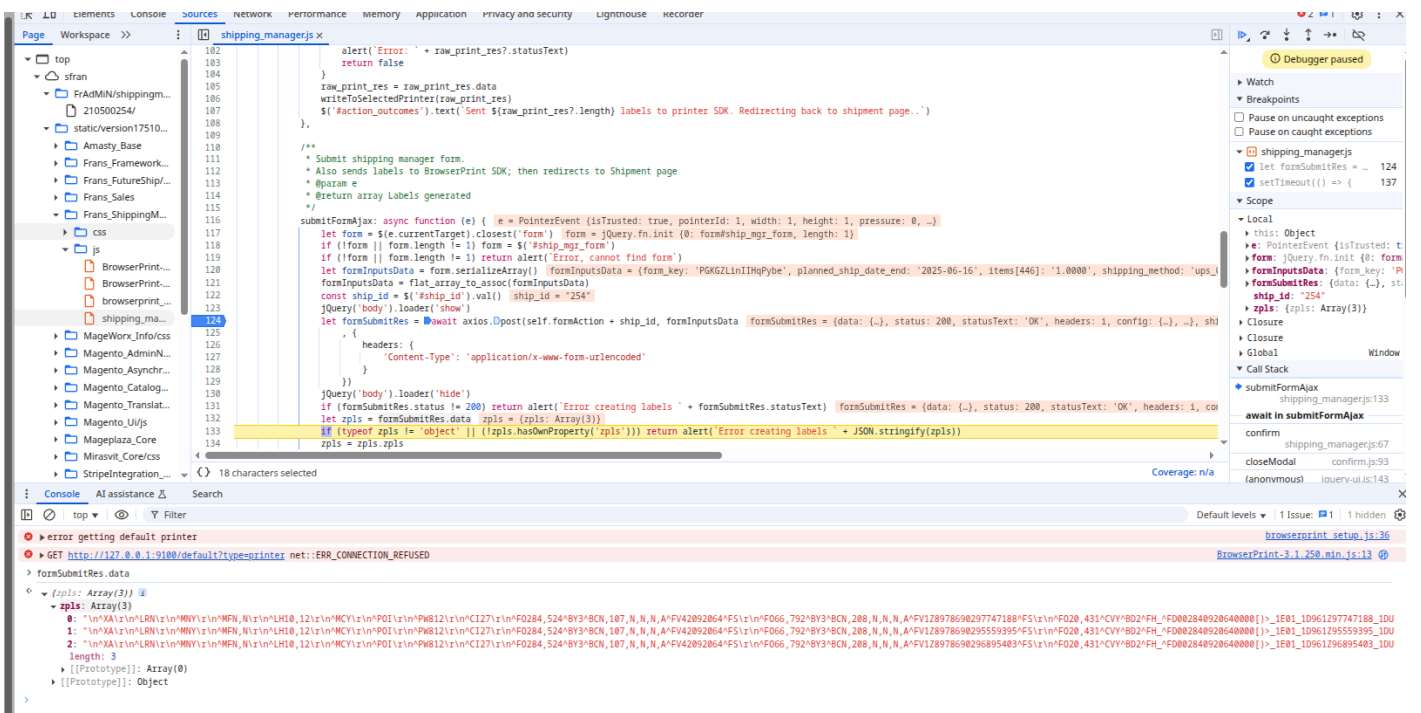
create shipping label

For example, admin chooses Number Of Labels = **3** , and click `Print Shipping Label`

`shipping\_manager.js` calls ShippingManager/Post/Index



Behind the scenes, `app/code/Frans/ShippingMethods/Model/Carrier/Ups.php` function `requestRestQuotes()` sends multiple packages to UPS API. UPS returns with **3** labels for **3** packages



With the 3 zpls returned, js function `writeToSelectedPrinter(zpls)` is called. This function sends 3 zpl labels to the [BrowserPrint SDK](#)

BrowserPrint sends those 3 labels to the physical Zebra printer.

