



WorldShip XML Auto Import Process

The XML Auto Import feature allows WorldShip to import and process shipments in an XML-formatted file. When shipments are processed, an output file is created, and it contains the shipment, processing status, and tracking number. You can view the output file, or log file, to see any shipments that were not processed. Additionally, you can manually update these failed imported shipments and attempt to re-process them.

Here is a brief description of the process:

- ❖ Install WorldShip 15.0.
- ❖ Prepare your XML file.
- ❖ Start WorldShip and select a drive and path location for the .XML input and output files.
- ❖ WorldShip automatically looks for and processes any XML files found in the designated folder. The original .XML file is renamed with an .xxx file extension. Also, the output file and the log file are generated. This process continues until you turn off the XML Auto Import process in WorldShip.

What you will need to get started

1. To import and process shipments using the XML Auto Import feature, you need to create your XML according to the schema format found in the following directory once you have installed WorldShip 15.0:
\\UPS\WSTD\OpenShipments.xdr

Note: Do not modify the OpenShipments.xdr file.

2. Select a drive and path location for the XML input file(s) that are generated from your external application.

WorldShip® 15.0

Quick Start: XML Auto Import



TASK 1: Preparing and Reviewing Your XML File(s)

Step	Description																
<p>1. Create a new, blank XML file using notepad, textpad, WordPad, or an XML Editor. OpenShipments.xdr represents the schema, or format, to which your XML file must conform. Insert the header information at the top of each XML file that you process.</p>	<p>Example File: YourCompany.XML</p> <pre><?xml version="1.0" encoding="windows-1252"?> <OpenShipments xmlns="x-schema: OpenShipments.xdr"></pre>																
<p>2. The Open Shipment Option code is included in your <OpenShipment> header block. You must use one of these codes. If the shipment option is blank, the shipment defaults to Standard Outbound. If you have shipments with more than one option code to import, you need a new block for each different option code.</p> <p>Example: Shipment Option is Blank (Standard Outbound)</p> <pre><?XML VERSION="1.0" ENCODING="WINDOWS-1252"?> <OPENSHIPMENTS XMLNS="X-SCHEMA:OPENSHIPMENTS.XDR"> <OPENSHIPMENT SHIPMENTOPTION="" PROCESSSTATUS=""></pre> <p>Example: Shipment Option is LT (Trade Direct-LTL)</p> <pre><?XML VERSION="1.0" ENCODING="WINDOWS-1252"?> <OPENSHIPMENTS XMLNS="X-SCHEMA:OPENSHIPMENTS.XDR"> <OPENSHIPMENT SHIPMENTOPTION="LT" PROCESSSTATUS=""></pre>	<table border="1"> <thead> <tr> <th colspan="2" data-bbox="863 655 1417 709">Open Shipment Option Codes</th> </tr> <tr> <th data-bbox="863 709 1047 756">Valid Values</th> <th data-bbox="1047 709 1417 756">Description</th> </tr> </thead> <tbody> <tr> <td data-bbox="863 756 1047 808">{Blank}</td> <td data-bbox="1047 756 1417 808">Standard Outbound</td> </tr> <tr> <td data-bbox="863 808 1047 850">RS</td> <td data-bbox="1047 808 1417 850">Return Services</td> </tr> <tr> <td data-bbox="863 850 1047 892">EU</td> <td data-bbox="1047 850 1417 892">World Ease - European Union</td> </tr> <tr> <td data-bbox="863 892 1047 934">SC</td> <td data-bbox="1047 892 1417 934">World Ease - Single Country</td> </tr> <tr> <td data-bbox="863 934 1047 976">LT</td> <td data-bbox="1047 934 1417 976">Trade Direct - LTL</td> </tr> <tr> <td data-bbox="863 976 1047 1018">SP</td> <td data-bbox="1047 976 1417 1018">Trade Direct - Small Package</td> </tr> </tbody> </table>	Open Shipment Option Codes		Valid Values	Description	{Blank}	Standard Outbound	RS	Return Services	EU	World Ease - European Union	SC	World Ease - Single Country	LT	Trade Direct - LTL	SP	Trade Direct - Small Package
Open Shipment Option Codes																	
Valid Values	Description																
{Blank}	Standard Outbound																
RS	Return Services																
EU	World Ease - European Union																
SC	World Ease - Single Country																
LT	Trade Direct - LTL																
SP	Trade Direct - Small Package																
<p>Previous WorldShip XML Auto Import users: If you are currently using XML, your current XML files will still work when you upgrade to WorldShip 15.0. However, you will not be able to take advantage of the new WorldShip 15.0 features unless you modify your XML to conform to the WorldShip 15.0 schema.</p>																	
<p>3. Every open shipment contains information blocks. The minimum required blocks for a Small Package XML Auto Import include:</p> <ul style="list-style-type: none"> • Ship To • ShipmentInformation • Package 																	
<p>Rules for ShipTo information block</p> <ul style="list-style-type: none"> • The shipment will fail if one of these tags is blank: • <CompanyOrName> <Address1> <CityOrTown> <CountryTerritory> • The shipment will fail if <CountryTerritory> has invalid data. • The shipment will fail if the conditionally required fields (required for certain country origin/destination pairs) <Attention>, <Telephone>, <Postalcode> are not provided or are incorrect when 	<p>Example ShipTo information block</p> <pre><ShipTo> <CompanyOrName>ABC Company</CompanyOrName> <Attention>George</Attention> <Address1>6th Avenue</Address1> <CityOrTown>New York</CityOrTown> <CountryTerritory>US</CountryTerritory> <PostalCode>10001</PostalCode> <StateProvinceCounty>NY</StateProvinceCo</pre>																

WorldShip® 15.0

Quick Start: XML Auto Import



Step	Description
<p>they are required for certain country origin/destination pairs.</p>	<pre> country> <Telephone>212-444-3232</Telephone> <EmailAddress1>George@ABCCompany.com</EmailAddress1> </ShipTo> </pre>
<p>Rules for ShipmentInformation Block</p> <ul style="list-style-type: none"> When the XML input file has a <ShipmentInformation> block, all of the information blocks that are provided with data will be processed. When the XML file does not have the <ShipmentInformation> or the blocks, the XML file will not process. You will receive an error message and be prompted to view error messages in your .log file. <p>A Note about Billing Options</p> <ul style="list-style-type: none"> You must be familiar with the pairing of billing options, the movement, and certain rules that apply for the shipment's country of origin and destination Who Pays What takes precedence if both Who Pays What and the Legacy billing option exist in the import file. Who pays What Billing Option is only supported in <ShipmentInformation> tag 	<p>Example ShipmentInformation Block</p> <pre> <ShipmentInformation> <ServiceLevel>ES</ServiceLevel> <PackageType>CP</PackageType> <NumberOfPackages>1</NumberOfPackages> <ShipmentActualWeight>70</ShipmentActualWeight> <DescriptionOfGoods>Computer Hardware</DescriptionOfGoods> <BillingOption>PP</BillingOption> <ShipmentInformation> <!--Legacy billing option --> <BillingOption>PP</BillingOption> <!--Who Pays What billing option --> <BillTransportationTo/> <BillDutyTaxTo/> <SplitDutyAndTax/> </pre>
<p>Rules for Package Block</p> <ul style="list-style-type: none"> When importing the <Package> block, certain fields cannot be imported in the <ShipmentInformation> block or a conflict will result and the shipment will not be processed. These fields include: <ul style="list-style-type: none"> PackageType ShipmentActualWeight ShipmentDimensionalWeight Reference1,2,3,4,5 Length Width Height 	<p>Example Package Block</p> <pre> <Package> <PackageType>CP</PackageType> <ShipmentActualWeight>36</ShipmentActualWeight> <ShipmentDimensionalWeight>144</ShipmentDimensionalWeight> <Reference1>pkg ref1-1</Reference1> <Reference2>pkg ref2-1</Reference2> <Length>48</Length> <Width>24</Width> <Height>63</Height> </Package> </pre>

WorldShip® 15.0

Quick Start: XML Auto Import



Step	Description
<p><i>A Note about Dangerous Goods Shipments</i></p> <p>Except for Dry Ice shipments, which are processed automatically, Dangerous Goods shipments must be manually processed. The shipment information for non-Dry Ice Dangerous Goods shipments is contained in the .log and .out file, and is placed in the In- Error Shipments folder in Shipment History.</p>	
4.	When you have completed preparing and reviewing your XML input file, you are ready to start WorldShip 15.0.

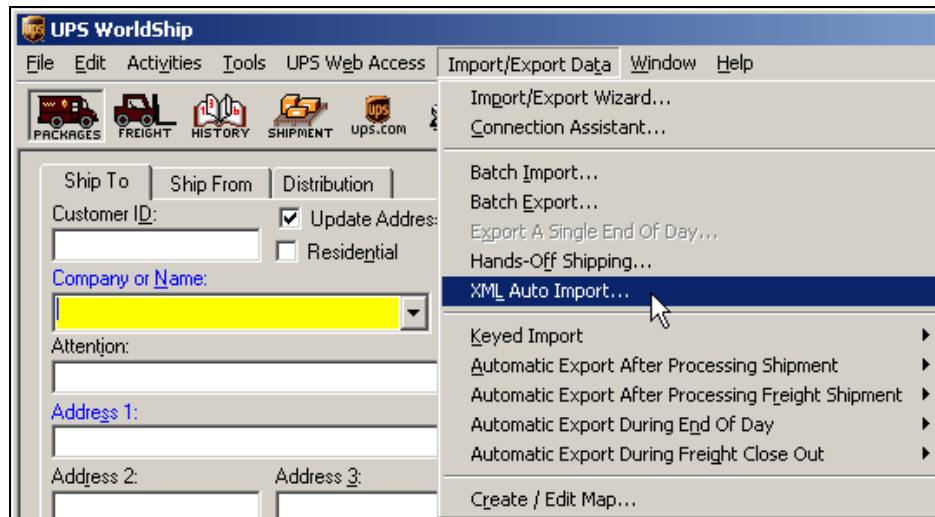
WorldShip® 15.0

Quick Start: XML Auto Import

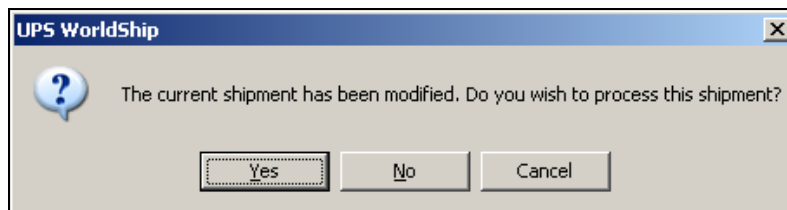


TASK 2: Import and Process Open Shipments in Your XML File

1. Select XML Auto Import on the Import/Export Data menu.



2. If the Shipping window has data when you begin an XML Auto Import, the message “Do you wish to process the shipment” appears. Process any shipments and reselect XML Auto Import.



3. When the XML Auto Import window appears, click the Browse button or use the WorldShip default directory to indicate the location of your XML input file.

The WorldShip default location is: **C:\UPS\WSTD\ImpExp\XML Auto Import**

4. Click the Browse button or use the WorldShip default directory to indicate the location of your log file as well.

The WorldShip default location is: **C:\UPS\WSTD\SYSLOG\XML Auto Import**

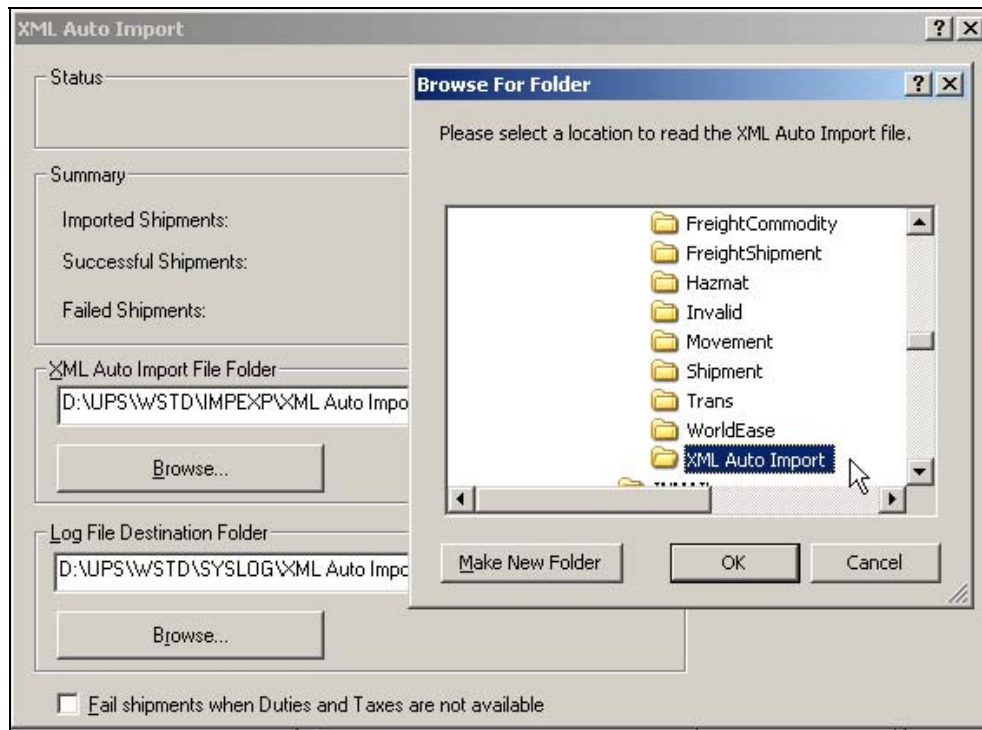
5. Select the file directory and click the OK button.

Note: You can place your XML file(s) and your .log file in your preferred location.

Tip: You may click the Make New Folder button to create an appropriate directory structure, such as XML-JAN-2012 or XML-2012 to organize your data files in chronological order.

WorldShip® 15.0

Quick Start: XML Auto Import



- WorldShip 15.0 prompts you to check your print stock. It is important to estimate adequate labels before confirming and starting the import process. When your printer runs out of labels during a process, it sends you a message but continues processing your open shipments. Those shipments process, but labels will not be printed. You must match the last label printed with the open shipment data in your XML file.

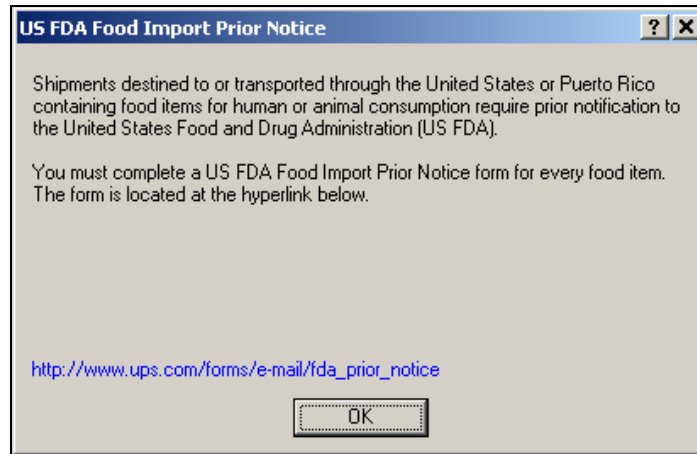


- For Non-US/PR origins only: The US FDA Food Import Prior Notice window appears. Review the information and complete the form if the notice applies to any of your shipments.

Note: Further information is available on www.ups.com/forms/e-mail/fda_prior_notice.

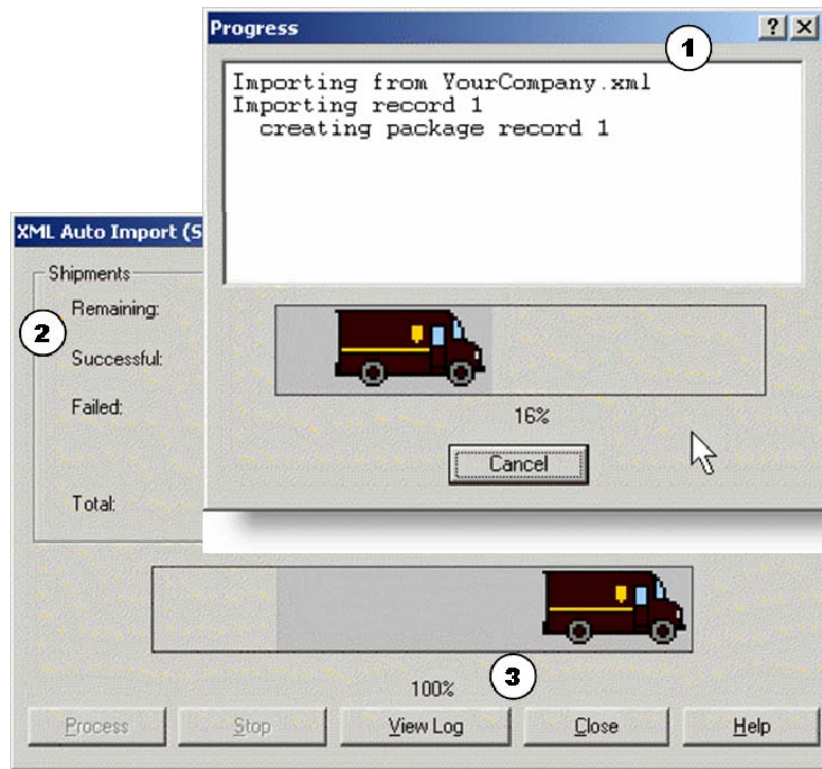
WorldShip® 15.0

Quick Start: XML Auto Import



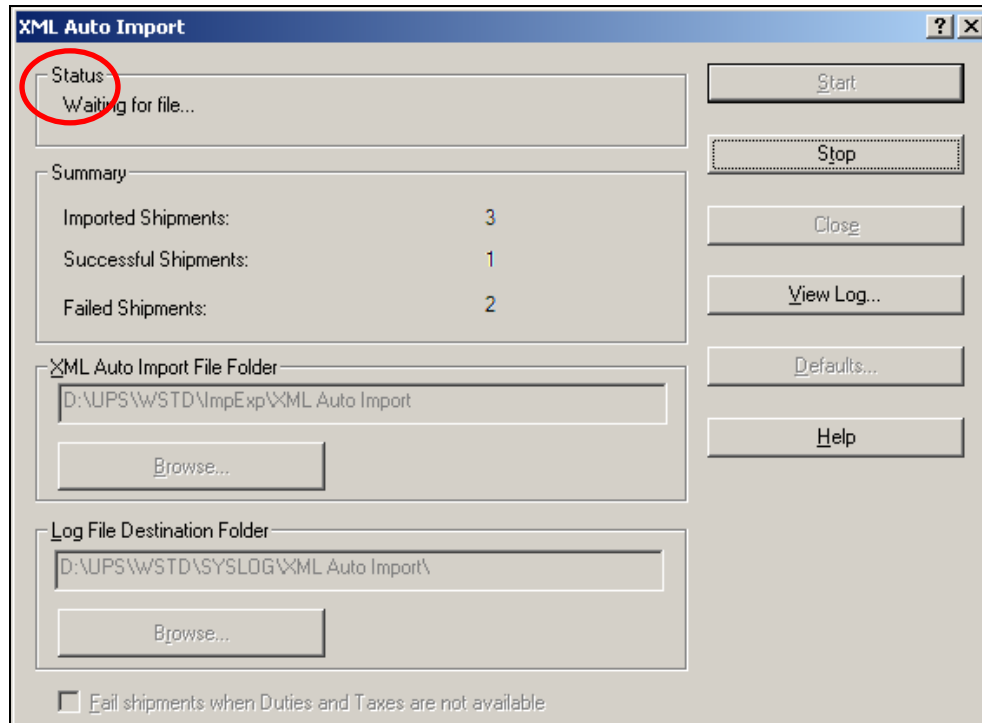
8. The Progress window appears. There are two areas of the window that provide a status of your import process:

- The progress bar area (1) appears with a UPS package car icon, which moves forward as the percentage of open shipments process.
- The Shipments area (2) indicates in a column how many shipments are remaining, successful, and have failed to process. The Total is indicated at the bottom of the column.
- The progress bar indicates 100% (3) when the import has completed. You may choose to click on the View Log button (3) to get information on your import process.





- The XML Auto Import window appears, and WorldShip provides another opportunity for you to view the log file for any errors.



A Word About Stopping An XML Auto Import or Shipping Process

There are two places where you can stop or cancel the XML Auto Import process.

1. Stopping an XML Import Process

The first place to stop or cancel the XML Auto Import process is during an import. When you click the Start button, WorldShip gathers the XML input data to be processed. When you stop at this phase, you will not see updated information in the .log file. An .out file indicates any errors that may have been found while importing before you stopped the process. (When you click the Stop button, you will have the opportunity to restart the import and continue processing.)

You should view the log file for errors that may have processed before you stopped the process.

You may review your .log or .out file to see why your shipments did not process as explained in Task 3 (below).

2. Stopping an XML Import Shipping Process

The second place to stop or cancel the XML Auto Import is after the data has been validated and imported, but before the shipments have been processed and the labels have been printed. You are given an opportunity again to stop the shipment processing and printing of labels.

You should view the log file for errors that may have occurred before you stopped the process.

You may review your .log or .out file to see why your shipments did not process as explained in Task 3 (below).

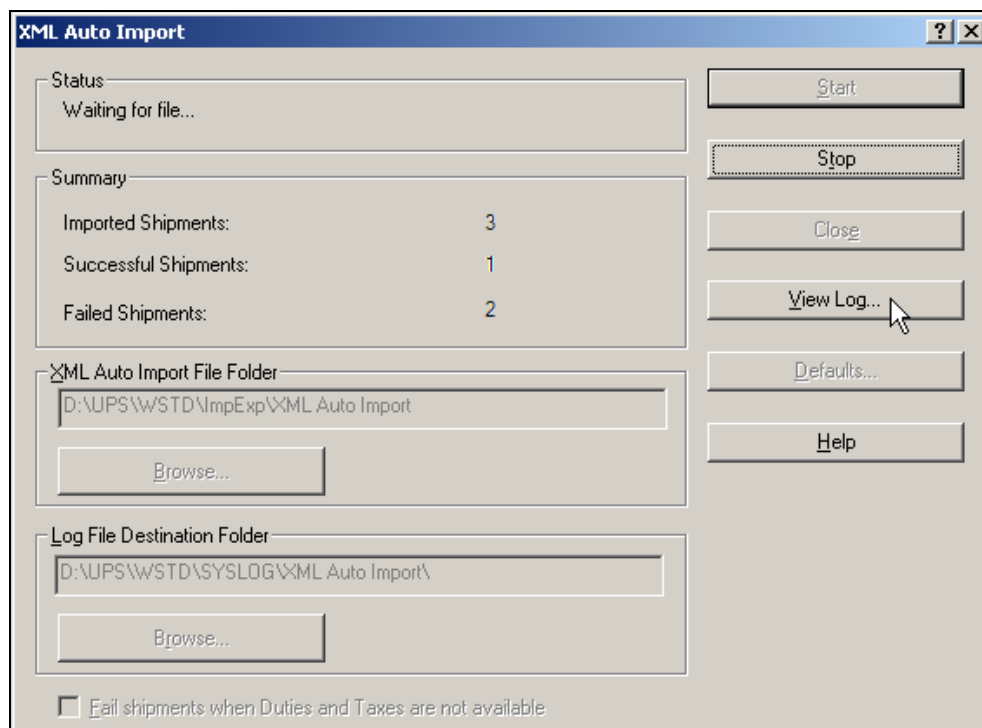


TASK 3: View Your Log, Output File, or In-Error Shipments Folder to Make Corrections

A log file provides a quick summary of your XML Auto Import from the WorldShip window. The log file provides a summary of the shipment's status or failure; however, the information blocks, or field tags are not indicated. When you stop an import versus a shipment process (as explained previously), you will be able to see any interim processing through a log file. Based upon the stage of an import process, WorldShip may not generate an output file.

Viewing log files

1. From the XML Auto Import window, click the View Log button.



2. The log file below indicates the country origin, country destination, and the customer id for the first open shipment. In this example, the log file indicates two advisories:
 - XYZCust1 and XYZCust2 were processed. The advisory indicates that the XML import process reset the invoice currency to US dollar for XYZCust2.
 - XYZCust5 was not processed. The reason for error is given. This is a Dangerous Goods shipment. You must manually process a Dangerous Goods shipment.

WorldShip® 15.0

Quick Start: XML Auto Import



```
20070322.log - Notepad
File Edit Format View Help

US to Germany Co #1 (XYZCust1)
1. Warning: All goods on this shipment
are priced in US dollar. As a result, your invoice
currency will be set to US dollar and the invoice
line total will be calculated.

US to Germany Co #2 (XYZCust2)
1. Warning: All goods on this shipment
are priced in US dollar. As a result, your invoice
currency will be set to US dollar and the invoice
line total will be calculated.

US to US HAZMAT #1 (XYZCust5)
1. Skipped: Cannot process
Dangerous Goods shipments automatically.

(XYZCust6)
1. The Consignee Company Name has been
left empty or is invalid.
```

VIEWING AN .OUT FILE

Once your XML file, named **YourCompany.XML** in this example, is imported and shipping labels are printed, the **YourCompany.XML** file is unchanged and is renamed to **YourCompany.xxx**. An output file is created and given the name **YourCompany.out**. The output file is placed in the same folder as the **YourCompany.XML** file.

The output file indicates all shipment information blocks and fields, as well as the process status and error messages.

It will also contain the shipment rates, as specified by the customer in the **Tools > Shipper Editor > Modify > Rating Preference** dialog. The rate is exported to the .out file only if the following configuration parameter is set to 1 in the wstdshipuser.ini file:

[configuration]

DoNotExportXMLRates=1

Only the output file provides the tracking numbers when successful. When you stop an import process, depending upon the validation phase, WorldShip may not provide an .out file for your review. Only the .log file is guaranteed to be generated.

To view the .out file:

1. Select the output file in the location of your XML input file(s). Output files have the extension .OUT.
2. Open the output file with Notepad.
3. With the output file opened in Notepad, review all errors for any failed shipments that were indicated on the Status Summary Box.
 - The XML file used the WorldShip 15.0 <ShipmentInformation> block.
 - In the example below, the CustomerId ABCCust5 process status is “Fail to Import.” The country origin is the US and the country destination is US. It is a HAZMAT shipment. HAZMAT shipments will not auto import. You would need to process this shipment manually.

WorldShip® 15.0

Quick Start: XML Auto Import



```
</ShipmentInformation>
<Package>
  <PackageType>UPS Package</PackageType>
  <Weight>4</Weight>
  <TrackingNumber></TrackingNumber>
  <LargePackageIndicator></LargePackageIndicator>
  <Reference4>Reference #4</Reference4>
  <Reference5>Reference #5</Reference5>
</Package>
<ProcessMessage>
  <TrackingNumbers>
    <TrackingNumber>1ZWX06750172000040</TrackingNumber>
  </TrackingNumbers>
  <ImportID></ImportID>
  <Reference1></Reference1>
  <Reference2></Reference2>
</ProcessMessage>
</OpenShipment>
<OpenShipment ShipmentOption='' ProcessStatus='Fail To Import'>
  <ShipTo>
    <CustomerID>ABCCust5</CustomerID>
    <CompanyOrName>US to US HAZMAT #1</CompanyOrName>
    <Attention>Yahooo</Attention>
    <Address1>Address 1</Address1>
```

Reviewing the Shipment History Window “In Error Shipments” Folder

When WorldShip finds an error in a shipment being processed following an XML Auto Import, WorldShip also enters that shipment information in the In-Error Shipments folder in Shipment History. This folder provides the opportunity for you to review all of the open shipments that did not successfully process. All information blocks and field information appears.

The example shows the Shipment History window for shipper WX0165.

1. The left pane of the Shipment History window displays the In Error Shipments folder. When the folder is expanded by selecting the + button, the Shipper WX0165 In Error Shipments appears.
2. The error shipment displays the recipient’s name, followed by the Tracking Number, if one is available.
3. In the example below, the customer selected the error shipment and expanded the shipment information. The right pane of the Shipment History Window, with the Ship To tab selected, displays the shipment level information for the shipper that was in error. The Package Level information is also provided when the shipment selected is expanded.

WorldShip® 15.0

Quick Start: XML Auto Import



The screenshot shows the UPS WorldShip software interface. The window title is "UPS WorldShip". The menu bar includes "File", "Edit", "Activities", "Tools", "UPS Web Access", "Import/Export Data", "Window", and "Help". The toolbar contains icons for "PACKAGES", "HISTORY", "UPS.COM", "TRACK", "REFRESH", "REPORT", "EDIT", "VOID", "END OF DAY", and "EXIT".

The main interface is divided into several sections:

- Tracking No./Pkg Ticket Id:** A search field with a "Find..." button and a "Type:" dropdown menu set to "1Z".
- Shipper:** A dropdown menu showing "WX0607".
- Ship To / Ship From:** Fields for recipient and sender information. The "Ship To" field is highlighted with a box labeled "3".
- Shipper Information:** Details for "MR. K. JONES (UPS0156038500 001)", including address and telephone number.
- Shipping Information:** A tabbed section with "Shipping" and "Billing Information" tabs. It shows "UPS Service: Worldwide Saver (Express)", "Ship ID: WX016533333", and a "Detail Cost" button.
- Package Details:** A table showing "Total Packages: 1" and "Hundredweight: No". It also lists "Actual Wt: 20.0 lb" and "Billed Wt: 0.0 lb".
- Options:** A tabbed section with "Options" and "Misc." tabs. The "Options" tab is active, showing a large empty text area.
- Left Panel:** A tree view showing a hierarchy of items: "UPS Pickups", "In Error Shipments", "WX0165 (US Sml Pkg Account)", "MR. K. JONES" (highlighted with a box labeled "2"), "(Tracking No. Not Assigned)", "Weekday's Pending Pickup", "Saturday's Pending Pickup", "UPS Consolidated Movements", and "Freight". A box labeled "1" is positioned below this panel.

At the bottom of the window, there is a mouse cursor and a note: "Your invoice may vary from the displayed rates."