

CHANGE REQUEST									
Change Request #	CR0408 – Integrate Worldship into Batch Processor								
Description of Change									
<p>Description of Need:</p> <p>ACME Co. is moving back to UPS Worldship. They need the UPS Worldship integration points from SOP Entry built into the Batch Processor window. Any shipping charges will be evenly distributed amongst all invoices.</p> <p>The original Pick Order Processor included logic that changed the Shipping Method to the “highest priority” of all picked orders and used that shipping method on the invoice. This functionality is desired in the Batch Processor as well. The shipping method should only change if one or both are true:</p> <ol style="list-style-type: none"> 1. At least one original orders have a shipping method other than UPS GROUND. 2. At least one original orders was invoiced prior being transferred to the current invoice <p>Description of Solution:</p> <p>New buttons will be added to the header of the Batch Processing window.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Button</th> <th>Function</th> </tr> </thead> <tbody> <tr> <td>UPDATE SHIP</td> <td>The UPDATE SHIP button will process through the invoices and update the Shipping Method if it can. The Update Shipping process is explained below.</td> </tr> <tr> <td>COPY</td> <td>The COPY button will only be enabled after the Auto Apply CR button is clicked. It will find the last record in the scrolling window and copy its SOP Number to the clipboard. The user will use this create the shipping information in UPS WorldShip.</td> </tr> <tr> <td>UPS</td> <td> <p>The UPS button will only be enabled after the Auto Apply CR button is clicked. The system will check if the shipping method is the same for all documents. If this is the case, the the system will evenly distribute the freight among all documents. The last document on the list will be adjusted up or down so all the calculated is used.</p> <p>If more than one shipping method is found, the system will apply the freight to the last SOP Number (the one that was copied using the COPY button) and then copy only the shipping info to the other invoices in the batch. The info that will be copied is:</p> <ul style="list-style-type: none"> - Weight (SOP UDF #1) - CODAmt (SOP UDF#2) - TrackingNum (SOP Tracking Numbers) </td> </tr> </tbody> </table>		Button	Function	UPDATE SHIP	The UPDATE SHIP button will process through the invoices and update the Shipping Method if it can. The Update Shipping process is explained below.	COPY	The COPY button will only be enabled after the Auto Apply CR button is clicked. It will find the last record in the scrolling window and copy its SOP Number to the clipboard. The user will use this create the shipping information in UPS WorldShip.	UPS	<p>The UPS button will only be enabled after the Auto Apply CR button is clicked. The system will check if the shipping method is the same for all documents. If this is the case, the the system will evenly distribute the freight among all documents. The last document on the list will be adjusted up or down so all the calculated is used.</p> <p>If more than one shipping method is found, the system will apply the freight to the last SOP Number (the one that was copied using the COPY button) and then copy only the shipping info to the other invoices in the batch. The info that will be copied is:</p> <ul style="list-style-type: none"> - Weight (SOP UDF #1) - CODAmt (SOP UDF#2) - TrackingNum (SOP Tracking Numbers)
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<p>Update Shipping</p>									

The highest priority shipping method for the group of invoices are determined by comparing the numerical portion of the Contact field in Shipping Methods Setup. Since the Contact field is an alpha-numeric and can contain both letters and numbers, the numeric portion will be parsed to obtain its priority. The number 1 represents the highest priority. If no numbers are in the field, the priority will be 100.

The UPS Shipping Method will be stored in the Pick Order Setup window. Even though the Pick Order Processor is not enabled, we will use the Ground Ship Method option to store the UPS GROUND shipping method.

The validation stage of the process will review the original orders to see if the shipping method should be updated. The system will cycle through the invoices in Batch Processing and use the Original Number/ Original Type fields to locate the original order in either WORK or HIST. If the Shipping Method is <> UPS GROUND on at least one original order, the shipping method will update.

The validation also needs to check if the original order was previously invoiced. Since the value in the Qty Previously Invoiced field on the original order will include the Qty To Invoice on the current invoice, the customization will use the following formula to determine if the document was previously invoiced:

$\text{sum}(\text{Qty Previously Invoiced}) - \text{sum}(\text{Qty to Invoice})$

The formula will look for orders in both history and work, and if this formula returns a value > 0, then it has been previously invoiced.

If the validation determines the shipping method should be updated to the one with the highest priority, the system will update the shipping method. The status of the process will display below the Batch ID field. Either "Shipping Method could not be updated" or "Shipping Method is updated to XXX"