

CHAPTER 45 - TRANSPORTATION MANAGEMENT SYSTEM DATA CAPTURE2

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CHAPTER 45 - TRANSPORTATION MANAGEMENT SYSTEM DATA CAPTURE

This module was written for public warehousing companies that have their own Transportation division.

A transportation division has separate units (AKA departments or terminals). Prior to an order actually shipping, the most accurate up-to-date information for the order will be in SYNAPSE. After the order is shipped, information is transmitted via an interface to the corporate Transportation Management System so manifests can be created, DRs printed, invoices cut, vendor A/P attached, etc.

The following Setup/Screens are a part of the TMS data capture. Setup all that are applicable.

TMS Facility Group

From the main menu, select Setup/Facility Maintenance. Select the appropriate TMS Facility Group from the drop down box.

Transportation Appointment Required

From the main menu, select Setup/Consignee. Place a check mark in the Transportation Appointment Required field, if applicable.

If this box is checked, the Transportation tab must be completed for the outbound order using this consignee. The Transportation Tab is reached by selecting Edit/Orders from

the main menu. When entering an order for the consignee, a window will appear saying that a Transportation Appointment is required.

Consignee Maintenance 00926 - GLIDDEN COMPANY

Name	Carriers	Comments	Addl Info	Freight Accessorials	Mileage	<input type="button" value="<<"/> <input type="button" value="<"/> <input type="button" value=">"/> <input type="button" value=">>"/> <input type="button" value="+"/> <input type="button" value="-"/> <input type="button" value="^"/> <input type="button" value="V"/> <input type="button" value="✓"/> <input type="button" value="X"/> <input type="button" value="C"/>
Consignee ID: <input type="text" value="00926"/> Status: <input type="button" value="A"/> Phone: <input type="text"/> Name: <input type="text" value="GLIDDEN COMPANY"/> Fax: <input type="text"/> Contact: <input type="text"/> E-Mail: <input type="text"/> <input type="checkbox" value="E-mail BOL"/> E-mail BOL Address: <input type="text" value="SAN JOSE INDUSTRIAL PK"/> City: <input type="text" value="SAN JUAN"/> State/Province: <input type="text"/> Postal Code: <input type="text" value="00926"/> Country: <input type="button" value="USA"/> <input type="checkbox" value="Freight Billing Location"/> Freight Billing Location <input checked="" type="checkbox" value="Shipping Location"/> Shipping Location <input checked="" type="checkbox" value="Transportation Appointment Required"/> Transportation Appointment Required <input type="checkbox" value="Consolidator"/> Consolidator Default Bill Freight To: <input type="text"/> Default Shipment Type: <input type="button" value="P"/> <input type="button" value="Edit"/> <input type="checkbox" value="Bill For Pallets"/> Bill For Pallets Default Shipment Terms: <input type="button" value="PPD"/> <input type="button" value="Edit"/> Distributor/Consolidator: <input type="text"/>						

Order 370191-1 for Customer 1CALJAM

Order Info | Shipping | Summary | Comments | Ship To | Addl. Info | **Transportation** | Ship Dates | History | Billing | [Buttons]

Appt. Confirmation Name: **B. Johnson**

Appt. Date/Time: **9/23/2013 7:11:00 PM** [Calendar]

Interline Carrier: **3WAY**

Legend: Hazardous | Over | Short | Cancelled

Drag a column header here to group by that column Grid Actions

Item	Lot Number	Order Qty.	UOM	Picked Qty.	Rcvd Qty.	Ship Qty.	Entered UOM	Entered Qty	Ordered Item	Status
► 1001		5	Each	5			Each	5	1001	Active
1		5		0		0				

LINUX2TEST Facility ZET (Last Update by JSTANCYK at 9/22/2013 10:30:54 PM)

Enable One-Time Ship To

From the main menu, select Setup/Carrier. Place a check mark in the Enable One-time Ship To field. This box must be checked in order for an order to have a One-Time Ship To or One-time Bill Freight To.

The screenshot shows the 'Carrier Maintenance 3WAY - 3WAY TRANSPORT' window. The 'Name' tab is selected. The 'Carrier' field contains '3WAY'. The 'Status' dropdown shows 'A'. The 'Name' field contains '3WAY TRANSPORT'. The 'Contact' field contains 'Mary Smith'. The 'Address' field contains 'Ed Drive'. The 'City' field contains 'INO' and the 'State/Province' field contains 'TN'. The 'Postal Code' field contains '60954' and the 'Country' field contains 'UMI'. The 'SCAC' field contains '3WAY'. Under the 'Carrier' section, there are three checkboxes: 'Small Package Carrier', 'MultiShip Processing', and 'Enable One-time Ship To', which is checked. The 'Delivery Tracking URL' field is empty. Below the carrier information, there are fields for 'Free Time Days', 'Daily Demurrage', 'Live Unload Time', 'Default Trailer Type' (set to '45'), and 'Default Trailer Style' (set to 'VAN'). At the bottom of the window, it says 'LINUX2TEST Facility ZET (Last Update by ANN at 9/20/2013 10:29:06 AM)'.

Validation Tables

Following is a list of validation tables associated with TMS and are usually setup by the system administrator.

TMSAREA	Provides a list of areas.
TMSROUTES	Provides a list of destination terminals/routes.
TMSCarriers	Only data for these carriers will end up the tmsexport file.
TMSOrderStatus	Used by TRANSORDERLOOKUP. Needs to be populated to translate orderstatus codes to "P"ending, "S"hipped, or "X"(Canceled). If it's not shipped or canceled, it's pending. These are the

only status codes the trans dept will be interested in.

TMSFacilityGroup

Provides a list of Facility Groups.

Lookup Screens

Following is a list of Lookup/Entry screens associated with TMS.

Transportation Service Zipcodes

Used to lookup a destination area and default interline carrier, based on the ship-to's zip code.

The screenshot shows a software interface titled "Transportation Service ZIP Codes". At the top, there are input fields for "Begin ZIP" (92000), "End ZIP" (93999), and "Area" (DC1). Below these are several control buttons: back, forward, search, add, delete, and refresh. A main table displays two rows of data:

Begin ZIP	End ZIP	Area	Last User	Last Update
90000	91999	CA1	JSTANCYK	9/23/2013 7:16:51 PM
92000	93999	DC1	JSTANCYK	9/23/2013 7:17:04 PM

At the bottom of the screen, a message indicates: "LINUX2TEST Facility ZET (Last Update by JSTANCYK at 9/23/2013 7:17:04 PM)".

Transportation Service Routes

Used to update and lookup service days and the destination terminal for the given facility and destination area.

The screenshot shows a software interface titled "Transportation Service Routes". At the top, there is a dropdown for "Facility Group" set to "NCAL", followed by a set of control buttons. Below this, there are four input fields: "Area" (CA1), "Route" (66666), "Service Days" (3), and "Default Carrier" (905C). A main table displays two rows of data:

Facility Group	Area	Route	Service Days	Default Carrier	Last User	Last Update
NCAL	CA1	66666	3	905C	SWINCHELL	11/22/2011 2:00:40 PM
NCAL	OC1	66666	3	ABER	SWINCHELL	11/22/2011 2:02:51 PM

At the bottom of the screen, a message indicates: "Last Update By".

Transportation Order

Used to lookup an order. Similar to ORDERLOOKUP with TMS-specific fields in the grid.

Transportation Order Lookup

Facility:	Order Type:	Shipment Type:	Customer PO:	Reference:									
ZET	0												
Customer ID:	Trans Order Status:	Carrier:	Interline Carrier:	Bill To:									
Order ID:	Order Priority:	Delivery Service Code:	Ship To:	Ordered Lot Number:									
Route:	Area:	Pro No:	Order Arrival Date Range:										
			<input type="checkbox"/> Appointment										
Delivery Appointment Date Range:		Shipped/Canceled Date Range:											
6/1/2013	until	Today	Upgrades	until									
9/23/2013	until												
Lot #													
HOT Hazardous Cancelled													
Order ID	Ship ID	Cust ID	Order Type	Ship Date	PO	RMA	Order Status	From Facility	To Facility	LOADNO	STOPNO	SHIPNO	Ship To
370163	1 AW	0	8/24/2013				0	ZET					0000180D