

# Warehouse Information Export (Spec 4378)

A new process has been developed to facilitate the integration of a routing logistic solution into the a distributor’s delivery routing workflow. This process allows a distributor to export order information to a third party routing vendor/interface, in this case TMW, for routing optimization. The optimized routing is then imported back in the distributor’s system.

This functionality was designed for data exchange between WM BIRD and the third party Routing Optimization Vendor TMW. TMW provided an interface template for transferring information in the form of a flat file into their system.

## Set-up

The System Wide Setting Options for Activating LTL Routing activates this functionality and allows you to enter the IFS address for both the inbound and outbound data.

```
CHANGE                               System Wide Settings Maintenance          SYS134FM
Options for Activating LTL Routing

Activate LTL Routing Interface?: Y (Y/N)

Inbound IFS Location.....: /HOME/DANCIK/LIB/PICARD/IMPORT/
-----
Inbound Archive IFS Location.: /HOME/DANCIK/LIB/PICARD/ARCHIVE/
-----
Outbound IFS Location.....: /HOME/DANCIK/LIB/THART/
-----
Outbound Archive IFS Location.: /HOME/DANCIK/LIB/THART/TEMP/
-----
Sending Trading Partner Id....: JMBIRD
-----
F7=E0J    F8=Previous Screen
```

The **Outbound IFS Location** is where the distributor, in this example, WM Bird, places the order information that needs to be routing optimized.

The **Inbound IFS Location** is where the optimized routing data is picked up via an FTP file transfer.

## Exporting Orders for Routing Optimization

1. Access the Warehouse Menu and select option 8 - Warehouse Shipping Reports.

2. Run a Load Sheet for either customer orders or transfers.

```

Warehouse Shipment Control Reports

Type of Shipments: C (C-Customer Shipments)
                  (T-Transfer Shipments)

Type of Report: 1  1. Load Sheet
                  2. All Aboard Report
                  3. Manifest
                  4. Bill of Lading
                  5. Open Order Worksheet
                  6. Packing List
                  7. Close A Truck
                  8. Print by Manifest#
                  9. Truck Capacity Report
                  P. Add Pallets to Stops

F5=Shipping Document History    F7=E0J    F9=Report Defaults
    
```

3. On the next screen to appear, enter the load sheet parameters and press **Enter**. The applicable order lines appear.

```

LOAD SHEET

Co#: 2    Warehouse: RAL    Pink = Credit Held Orders
Ship Dates: 4/06/16 - 4/29/16    Ship Truck

Order#/Line Customer Name    Ship Dt Via Rt St Rn Weight Sts Whs
415038 0010 HARBOR FLOOR CENTER (RALEI 4/15/16 OT 5 X
408370 0010 FLOORS AND MORE 4/14/16 OT 2 B
408370 0020 FLOORS AND MORE 4/14/16 OT 40 B
408467 0010 FLOORS AND MORE 4/14/16 OT 40 B
404168 0030 TARGET 4/16/16 OT AA 148 B
415138 0010 MATTHEW FULP 4/09/16 OT AA 01 4 0
415222 0030 MATTHEW FULP 4/27/16 OT AA 01 0 0
415222 0010 MATTHEW FULP 4/27/16 OT AA 01 0 0
415222 0020 MATTHEW FULP 4/27/16 OT AA 01 0 0
404878 0020 PAUL MCINTOSH 9 4/13/16 OT AA 01 3840 B
415191 0010 CLAYTON FLOORING 4/18/16 OT AA 01 6 0
415191 0070 CLAYTON FLOORING 4/18/16 OT AA 01 215 0
415191 0060 CLAYTON FLOORING 4/18/16 OT AA 01 95 0
415191 0050 CLAYTON FLOORING 4/18/16 OT AA 01 65 B
415191 0020 CLAYTON FLOORING 4/18/16 OT AA 01 0 0
More...

46 Order Lines    Total Weight 10773

F1=Print Rpt    F2=Fold    F5=Slct/Omit Wndw    F9=Ship Date & Routing    F10=Chg Status
    
```

## Importing the Optimized Routing Data

1. Access the Warehouse Menu and select option **23 - LTL Routing Maintenance**.

```

3/15/16          DANCIK INTERNATIONAL, LTD.          GBRANNEN
09:44:48          Warehouse Functions Menu          SAL
                                                    2014

Opt Description          Opt Description
 1 Inventory Inquiry          16 Warehouse Areas Table
 2 Order Inquiry & Search     17 Invoicing By Truck Route & Sts
 3 Customer Search           18 COD Invoicing & Reports
 4 Item Search               19 Bill-of-Lading/Manifest/Drop Inq
 5 Update Order Status       20 Warehouse Capacity Planning
 6 Inventory Cycle Counts     21 R/F Menu
 7 Print Transfer Pick Lists  22 Item Cross Reference Table Search
 8 Warehouse Shipping Reports - * Use Menu WSI for UPS, etc.
 9 Print Warehouse Labels    23 LTL Routing Maintenance
10 Order Inquiry by Shipping Date
11 Pick Labels Print Pool
12 Mailing Machine/Shipping System
13 Inventory Adjustments by Serial#
14 Order Ship Date & Routing Updates
15 Warehouse Locations Table

** UNIVERSAL OPTIONS **
993 Display System Messages
994 Send System Messages
995 Your Printer Output

More...

Enter Desired Menu / Option# ====> WAR 23

F1=Add  F2=Select  F5=Personal  F9=Additional  F10=Scan  F11=Alt View
    
```

2. The Routing Updated files are displayed.

```

3/15/16          Dancik International, Ltd.          WH3003R
10:02:15          Work with LTL Routing Update Files  QPADEV0014

Opt Creation Date   Ware   Ship Via   Truck Rt   Status
-      12/10/15          -          -          -          Printed

Bottom

Options ==> D=Delete File  P=Print Edit Report  U=Update Orders
F5=Refresh  F2=Fold  F7=Exit
    
```

3. Each Routing Update File can contain multiple orders. To create a spool file report of the file, that includes order information with the original and optimized routing information, use the “**P**” option.
4. If, after reviewing the spool file, the routing information in the file is satisfactory, enter a “**U**” to update the orders to the new routing information.
5. After Updating the files can be deleted using the “**D**” option.