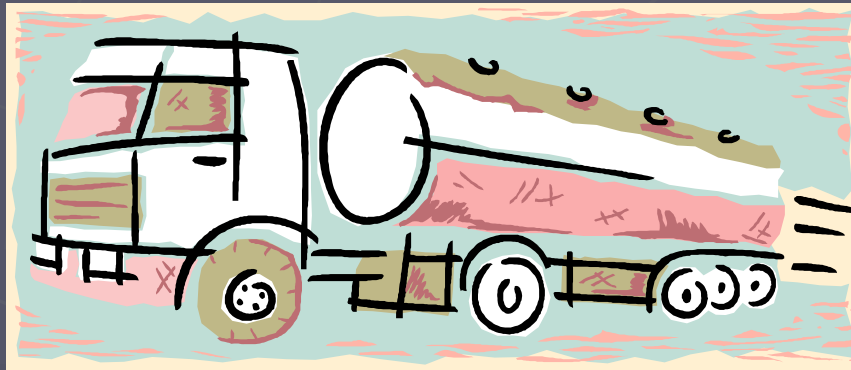


# MDS

## Freight & Shipping

### Overview



TSH User Meeting 2008

# Why to Look at Freight for your Company?

Rising Fuel and Shipping Costs

Shorter Delivery Windows

Shrinking Margins

MDS Freight Subsystem Offers:

- Additional Revenue Stream
- Increased Visibility into Actual Costs
- Better Control of Freight and Shipping Costs
- Better Customer Service

# MDS Freight Subsystem

Shipping Methods

Ship Rate Table/Ship Zone Table

Freight Class Table

Add on Dollar Amount by:

- Customer
- Customer Class

Percentage of Order/Actual Freight Amount:

- Customer
- Customer Class



# Shipping and Delivery

MDS has two methodologies available – for customers who deliver via:

- Third Party Shipping systems (UPS, FedEx)
- Customer owned trucks

Either approach generates shipping papers, carton labels and ASN's as result of shipping operation



# Shipping Methods

Third Party Shipping (Fedex, UPS, DHL)

Common Carrier/LTL – Less than Truckload

Your own Truck

# Shipping Methods

djt - [mail.tshinc.com-14 BASE.12-SHIP.METHOD-MAIN1008\$1]

File Edit Settings Reset Tools GUI PDA Standard Functions Special Functions Help

Shipping Method Maintenance

Shipping Method 01

|                    |  |
|--------------------|--|
| 1.Description      | UPS  |
| 2.Account Number   | 125587   |
| 3.BOL Flag         | N  |
| 4.Shipper No.      | TSH33306   |
| 5.Ship Wait        | N  |
| 6.Website URL      | http://wwwapps.ups.com/WebTracking/proce<br>ssInputRequest?HIMLVersion=5.0&sort_by=s<br>tatus&term_warn=yes&tracknums_displayed- |
| 7.Worldship Desc   | Ground   |
| 8.Saturday Del     | N  |
| 9.Scale On         | Y  |
| 10.Carton Counting | N  |
| 11.Show on Website | Y  |

ENTER LINE # TO CHANGE,DELETE TO DELETE,0 TO ACCEPT : XXXXXX

|      |        |        |         |         |         |         |        |     |  |  |       |
|------|--------|--------|---------|---------|---------|---------|--------|-----|--|--|-------|
| HELP | OK/END | INSERT | LDELETE | PREV PG | NEXT PG | INQUIRY | CANCEL | Off |  |  | Popup |
|------|--------|--------|---------|---------|---------|---------|--------|-----|--|--|-------|

# Third Party Shipping Systems

Warehouse picks, packs, and verifies order  
MDS includes interface to Third-Party Shipping Systems (UPS Worldship, FedEx, DHL)  
Carton placed on shipping scale  
MDS provides shipping information to manifest system (address method of shipment etc.)  
Manifest System uploads tracking number, number of cartons, weight and cost  
Based on customer profile MDS applies shipping charge to invoice  
Invoice or Pack Slip printed at the shipping station  
Shipment status inquiry available from within the MDS application



# MDS Shipment Update

djf - [mail.tshinc.com-14 BASE.12-MDS.SHIPMENT.UPDATE012\$1]  
 File Edit Settings Reset Tools GUI PDA Standard Functions Special Functions Help

**MDS Shipment Processing Screen**

Release Number

|          |  |                                    |  |
|----------|--|------------------------------------|--|
| Customer | <input type="text" value="UMC"/>                       | Ship To                            | <input type="text" value=""/>                                |
| Bill To  | <input type="text" value="UNIVERSITY MEDICAL CENTER"/> |                                    | <input type="text" value="UNIVERSITY MEDICAL CENTER"/>       |
|          | <input type="text" value="1 STATION PLAZA"/>           |                                    | <input type="text" value="1 STATION PLAZA"/>                 |
|          | <input type="text" value=""/>                          |                                    | <input type="text" value=""/>                                |
|          | <input type="text" value="TEST 2"/>                    |                                    | <input type="text" value="TEST 2"/>                          |
|          | <input type="text" value="THE CITY CENTER OF EDM WA"/> | <input type="text" value="07000"/> | <input type="text" value="THE CITY CENTER OF EDM WA 07000"/> |

|                  |                                 |                                    |
|------------------|---------------------------------|------------------------------------|
| 1.Ship Via       | <input type="text" value="01"/> | <input type="text" value="UPS"/>   |
| 2.Weight         | <input type="text" value=""/>   | <input type="text" value="10.0"/>  |
| 3.Cartons        | <input type="text" value=""/>   | <input type="text" value="1"/>     |
| 4.Charge Freight | <input type="text" value="Y"/>  |                                    |
| 5.Actual Freight |                                 | <input type="text" value="10.00"/> |
| 6.Freight        |                                 | <input type="text" value="15.50"/> |
| Release Total    |                                 | <input type="text" value="70.50"/> |

| 7.Box# | -----Tracking Number----- | Box Weight | Box Charge | Box Date |
|--------|---------------------------|------------|------------|----------|
| 1.     | 1Z13492342996596          | 10.00      | 10.00      | 06/04/08 |
| 2.     |                           |            |            |          |
| 3.     |                           |            |            |          |

Enter Line# to Change, 0 or END to Invoice :

|         |        |        |         |         |         |         |        |     |  |       |
|---------|--------|--------|---------|---------|---------|---------|--------|-----|--|-------|
| UPD FRT |        |        |         |         |         |         |        |     |  |       |
| HELP    | OK/END | INSERT | LDELETE | PREV PG | NEXT PG | INQUIRY | CANCEL | Off |  | Popup |



# Shipment Drill Down/Tracking

IntelNT - [192.168.253.134-DET.REL.BOX010\$1]

File Edit Settings View Reset Tools GUI Standard Functions Special Functions Help

Release# 01-133151-001  
 Inv# 508003  
 Ord Dt 02/26/03  
 ST IV OS 01 RJ 001  
 Lns 3  
 Ln# 1 2 3

Detail Invoices (Line Items)

Sold To UMC  
 UNIVERSITY MEDICAL CENTER  
 ACCOUNTS PAYABLE/TRAVEL  
 400 BROADWAY AVE  
 NEW YORK CITY NY 10016-1460

Ship To FAMPRC  
 UNIVERSITY OF IOWA  
 FAMILY PRACTICE  
 01290K POMERANTZ  
 IOWA CITY IA 52242-1460

Terms NET 30  
 Salesman 005 KE

Box Freight Details

| Box Weight | Box Charge | Tracking Number    |
|------------|------------|--------------------|
| 1. 100.00  | 0.00       | 1Z0678860310015001 |
| 2. 0.00    | 0.00       |                    |
| 3. 0.00    | 0.00       |                    |
| 4. 0.00    | 0.00       |                    |

Inward Bound

ShipDate 02/26/03  
 HIT <RETURN> TO CONTINUE: XXXXXX

HELP OK/END INSERT LDELETE PREV PG NEXT PG INQUIRY CANCEL

UPS Package Tracking - Microsoft Internet Explorer

UPS OnLine Tools

Track by Tracking Number

Package Summary

| Date         | Time       | Location             | Activity |
|--------------|------------|----------------------|----------|
| Mar 21, 2003 | 11:54 A.M. | INDIANAPOLIS, IN, US | DELIVERY |

Tracking results provided by UPS®. Exp. 11-2003 9:00 A.M. Eastern Time (US/CA).

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# Ship Rate/Ship Zone

## Pros:

- Simplest Method
- Based upon UPS/Fedex Zones or Maps

## Cons:

- Not Exact – Rates fluctuate
- Maintenance Intensive

Customer Coding

Carrier (UPS) Updates

# Ship Rate/Ship Zone

## Pros:

- Simplest Method
- Based upon UPS/F

## Cons:

- Not Exact – Rates fluctuate
- Maintenance Intensive

Customer Coding  
Carrier (UPS) Updates



one

The screenshot shows a web browser window with a table of shipping schedules. The table has columns for 'Best ZIP', 'Ground', '1 Day Select', '2nd Day Air', '2nd Day Air A.M.', 'Next Day Air', and 'Next Day Air Saver'. The rows list various ZIP codes and their corresponding transit times for each service type.

| ZIP    | Best ZIP | Ground | 1 Day Select | 2nd Day Air | 2nd Day Air A.M. | Next Day Air | Next Day Air Saver |
|--------|----------|--------|--------------|-------------|------------------|--------------|--------------------|
| 104115 | 11       | 54     | -            | 25          | -                | 2            | 11                 |
| 10607  | 11       | -      | -            | 25          | -                | -            | 11                 |
| 209    | 21       | -      | -            | 25          | -                | -            | 11                 |
| 01043  | 01       | 92     | -            | 23          | 24               | 23           | 10                 |
| 014    | 01       | 92     | -            | 23          | 24               | 23           | 10                 |
| 01619  | 01       | 92     | -            | 23          | 24               | 23           | 10                 |
| 01142  | 01       | 91     | -            | 23          | 24               | 23           | 10                 |
| 0344   | 03       | 54     | -            | 21          | 24               | 21           | 10                 |
| 03     | 03       | 54     | -            | 21          | 24               | 21           | 10                 |
| 0640   | 06       | 94     | -            | 23          | 24               | 23           | 10                 |
| 09051  | 09       | 92     | -            | 23          | 24               | 23           | 10                 |
| 05200  | 05       | 92     | -            | 23          | 24               | 23           | 10                 |
| 0409   | 04       | 94     | -            | 23          | 24               | 23           | 10                 |
| 01114  | 01       | 91     | -            | 23          | 24               | 23           | 10                 |
| 01117  | 01       | 91     | -            | 23          | 24               | 23           | 10                 |
| 12875  | 12       | 92     | -            | 23          | 24               | 23           | 10                 |
| 13750  | 13       | 92     | -            | 23          | 24               | 23           | 10                 |
| 14047  | 14       | 92     | -            | 23          | 24               | 23           | 10                 |
| 14049  | 14       | 92     | -            | 23          | 24               | 23           | 10                 |
| 15010  | 15       | 94     | -            | 24          | 24               | 24           | 10                 |
| 17411  | 17       | 91     | -            | 23          | 24               | 23           | 10                 |
| 18115  | 18       | 54     | -            | 21          | 24               | 21           | 10                 |
| 1860   | 18       | 92     | -            | 23          | 24               | 23           | 10                 |
| 17060  | 17       | 92     | -            | 23          | 24               | 23           | 10                 |
| 20029  | 20       | 92     | -            | 23          | 24               | 23           | 10                 |
| 21020  | 21       | 92     | -            | 23          | 24               | 23           | 10                 |
| 21420  | 21       | 91     | -            | 23          | 24               | 23           | 10                 |
| 219    | 21       | 91     | -            | 23          | 24               | 23           | 10                 |
| 22424  | 22       | 91     | -            | 23          | 24               | 23           | 10                 |
| 23043  | 23       | 94     | -            | 23          | 24               | 23           | 10                 |



### Carrier (UPS) Updates

Windows Internet Explorer window showing the URL: <http://www.ups.com/media/us/currentrates/zone-csv/070.xls>

Excel spreadsheet titled "ZONE CHART" with columns "Dest. ZIP" and "Ground 3".

| Dest. ZIP | Ground 3 |
|-----------|----------|
| 004-005   | 002 900  |
| 006-007   | 045 -    |
| 009       | 045 -    |
| 010-013   | 002 900  |
| 014       | 003 900  |
| 015-016   | 002 900  |
| 017-042   | 003 900  |
| 043-044   | 004 904  |
| 045       | 000 900  |
| 046-049   | 004 904  |
| 050-051   | 003 900  |
| 052-053   | 002 900  |
| 054-059   | 003 900  |
| 060-069   | 002 900  |
| 100-127   | 002 900  |
| 128-136   | 003 900  |
| 137-139   | 002 900  |
| 140-147   | 003 900  |
| 148-149   | 002 900  |
| 150-153   | 004 904  |
| 154-163   | 003 900  |
| 164-165   | 004 904  |
| 166-169   | 003 900  |
| 170-199   | 002 900  |
| 200-209   | 003 900  |
| 210-213   | 002 900  |
| 214-218   | 003 900  |
| 219       | 002 900  |
| 220-238   | 003 900  |
| 239-243   | 004 904  |

Application window titled "djf - [mail.tshinc.com-14 BASE.12-SHIP.ZONE-MAINT008S1]" with menu options: File, Edit, Settings, Reset, Tools, GUI, PDA, Standard Functions, Special Functions, Help.

### SHIPPING ZONE MAINTENANCE

SHIPPING ZONE 1.DISC

| SHIP_ZONE | DESC                 |
|-----------|----------------------|
| 001       | DEFAULT              |
| 002       | SHIPPING ZONE TWO    |
| 003       | Ship Zone 3 Midwest  |
| 004       | Ship Zone 4 Overseas |

Navigation bar: HELP, OK/END, INSERT, LDELETE, PREV PG, NEXT PG, INQUIRY, CANCEL, Off, Popup



Windows Internet Explorer windows showing UPS rate information.

Left window: <http://www.ups.com/media/us/currentrates/zone-csv/070.xls>

Middle window: [http://www.ups.com/media/usa/en/2008\\_daily\\_rates.xls](http://www.ups.com/media/usa/en/2008_daily_rates.xls)

Right window: [http://www.ups.com/media/usa/en/2008\\_daily\\_rates.xls](http://www.ups.com/media/usa/en/2008_daily_rates.xls)

Excel spreadsheet content:

**2008 Rates**

Domestic

UPS Next Day Air Early A.M.

| Zones  | 102   | 103   | 104    | 105    | 106    | 107    | 108    | 124    |
|--------|-------|-------|--------|--------|--------|--------|--------|--------|
| Letter | 42.80 | 45.00 | 47.20  | 48.20  | 48.75  | 50.10  | 50.95  | 51.85  |
| 1 Lbs. | 45.10 | 50.55 | 55.50  | 58.50  | 61.05  | 63.00  | 63.95  | 65.05  |
| 2      | 46.00 | 52.55 | 58.95  | 61.70  | 65.30  | 68.00  | 68.00  | 69.35  |
| 3      | 48.00 | 53.00 | 62.20  | 65.25  | 69.30  | 70.25  | 71.70  | 72.95  |
| 4      | 49.50 | 54.95 | 65.05  | 68.75  | 73.05  | 73.95  | 75.70  | 77.00  |
| 5      | 50.00 | 56.35 | 68.40  | 72.90  | 76.75  | 77.70  | 79.45  | 80.85  |
| 6      | 51.85 | 57.70 | 71.70  | 75.95  | 80.75  | 81.20  | 83.00  | 84.75  |
| 7      | 52.70 | 59.15 | 74.75  | 79.45  | 84.45  | 85.25  | 87.20  | 88.45  |
| 8      | 53.15 | 60.60 | 77.70  | 82.70  | 88.20  | 89.20  | 90.95  | 92.15  |
| 9      | 53.90 | 62.10 | 80.45  | 86.25  | 91.90  | 93.20  | 94.95  | 96.15  |
| 10     | 53.95 | 63.60 | 82.90  | 89.20  | 95.85  | 96.95  | 98.95  | 100.15 |
| 11     | 55.85 | 65.05 | 85.75  | 92.45  | 99.40  | 100.95 | 102.70 | 104.10 |
| 12     | 56.30 | 66.55 | 88.80  | 95.45  | 102.90 | 104.95 | 106.70 | 107.85 |
| 13     | 57.35 | 68.00 | 91.65  | 98.50  | 105.95 | 108.95 | 110.45 | 111.00 |
| 14     | 58.50 | 69.45 | 94.90  | 101.45 | 108.95 | 112.45 | 114.45 | 115.55 |
| 15     | 59.45 | 70.95 | 97.15  | 104.45 | 111.80 | 115.20 | 117.70 | 119.00 |
| 16     | 60.00 | 72.40 | 100.45 | 107.20 | 114.65 | 117.45 | 119.95 | 121.70 |
| 17     | 61.40 | 73.85 | 102.45 | 109.70 | 116.65 | 119.45 | 121.95 | 123.85 |
| 18     | 62.40 | 75.35 | 104.70 | 111.45 | 118.50 | 121.45 | 124.45 | 126.15 |
| 19     | 63.20 | 76.85 | 108.45 | 113.20 | 120.65 | 123.45 | 126.95 | 128.40 |
| 20     | 64.30 | 78.05 | 109.45 | 115.20 | 122.50 | 125.70 | 129.20 | 131.40 |
| 21     | 65.00 | 79.05 | 110.20 | 117.45 | 124.50 | 127.70 | 131.95 | 133.80 |
| 22     | 66.05 | 80.25 | 112.20 | 119.45 | 126.50 | 129.95 | 134.20 | 136.10 |
| 23     | 66.85 | 81.25 | 114.20 | 121.70 | 128.75 | 132.20 | 136.85 | 138.05 |
| 24     | 67.65 | 82.20 | 116.45 | 124.05 | 131.45 | 134.40 | 138.90 | 141.15 |
| 25     | 68.75 | 83.45 | 118.70 | 126.00 | 134.20 | 136.95 | 141.15 | 144.60 |
| 26     | 69.50 | 84.60 | 121.15 | 128.40 | 136.95 | 139.70 | 143.45 | 148.45 |
| 27     | 70.30 | 85.65 | 123.40 | 131.25 | 139.80 | 142.15 | 145.70 | 148.65 |

Transit Days Legend:

- 1 Day
- 2 Days
- 3 Days
- 4 Days
- 5 Days
- 6 Days

Navigation buttons: HELP, OK/END, INSERT, LDELETE, PREV PG, NEXT PG, INQUIRY, CANCEL, Off, Popup



Windows Internet Explorer windows showing the UPS website and a maintenance application.

**SHIP RATE FILE MAINTENANCE**

**SHIP METHOD** 01 UPS

**SHIP ZONE** 003 Ship Zone 3 Midwest

1. **CALCULATION TYPE** N

2. **STRAIGHT RATE/LB** 0.00

**3. LN# WEIGHT RATE**

| LN# | WEIGHT | RATE |
|-----|--------|------|
| 1.  | 10.0   | 1.00 |
| 2.  | 20.0   | 1.50 |
| 3.  | 40.0   | 2.00 |
| 4.  | 50.0   | 3.00 |
| 5.  | 999.0  | 4.00 |
| 6.  | 9999.0 | 5.00 |
| 7.  | 0.0    | 0.00 |
| 8.  | 0.0    | 0.00 |
| 9.  | 0.0    | 0.00 |
| 10. | 0.0    | 0.00 |

Navigation buttons: HELP, OK/END, INSERT, LDELETE, PREV PG, NEXT PG, INQUIRY, CANCEL, Off, Popup



- 1 Day
- 2 Days
- 3 Days
- 4 Days
- 5 Days
- 6 Days

# Freight Class Table

- Allows for Free Freight cut off
- Allows override based upon local warehouse
- Simple and Easy to Understand
- Can change based upon customer or Sales Order
- Percentage of Order Total



# Freight Class Table

djf - [mail.tshinc.com-14 BASE.12-FREIGHT.CLASS.MAINT012S1]

File Edit Settings Reset Tools GUI PDA Standard Functions Special Functions Help

**Freight Class Maintenance**

Freight Class Code

1.Description

|          | Dollars                              | Charge Freight                 | Percent                            | Local Whse Only                |
|----------|--------------------------------------|--------------------------------|------------------------------------|--------------------------------|
| 2.Tier 1 | <input type="text" value="100.00"/>  | <input type="text" value="Y"/> | <input type="text" value="10.00"/> | <input type="text" value="Y"/> |
| 3.Tier 2 | <input type="text" value="1200.00"/> | <input type="text" value="N"/> | <input type="text" value="0.00"/>  | <input type="text" value="Y"/> |
| 4.Tier 3 | <input type="text" value="0.00"/>    | <input type="text" value="N"/> | <input type="text" value="0.00"/>  | <input type="text" value="Y"/> |

ENTER LINE # TO CHANGE,DELETE TO DELETE,0 TO ACCEPT :

|      |        |        |         |         |         |         |        |     |  |       |
|------|--------|--------|---------|---------|---------|---------|--------|-----|--|-------|
| HELP | OK/END | INSERT | LDELETE | PREV PG | NEXT PG | INQUIRY | CANCEL | Off |  | Popup |
|------|--------|--------|---------|---------|---------|---------|--------|-----|--|-------|

# Customer/Customer Class Freight Surcharge

Allows Actual Freight to be used or Order total

Can be Percentage or Flat Dollar

Can be set at Customer or Customer Class Level

Allows for a Minimum Order Total

# Customer/Customer Class Freight Surcharge

djf - [mail.tshinc.com-14 BASE.12-CUST.CLASS-MAINT00R\$1]

File Edit Settings Reset Tools: GUI PDA Standard Functions Special Functions Help

**CUSTOMER CLASS MAINTENANCE**

**CUSTOMER CLASS**      10

**1.DESCRPTION**      Customer Class w/Freight

**2.FRT MIN DOLLARS**      100

**3.FRT SURCHARGE %**      10.00

**4.FRT SURCHARGE \$**      0.00

**5.APPLY SURCHARG TO**      F

ENTER LINE # TO CHANGE,DELETE TO DELETE,0 TO ACCEPT :      XXXXXXX

|      |        |        |         |         |         |         |        |     |  |  |       |
|------|--------|--------|---------|---------|---------|---------|--------|-----|--|--|-------|
| HELP | OK/END | INSERT | LDELETE | PREV PG | NEXT PG | INQUIRY | CANCEL | Off |  |  | Popup |
|------|--------|--------|---------|---------|---------|---------|--------|-----|--|--|-------|

# Customer/Customer Class Freight Surcharge

Customer Master Maintenance

Customer# UMC

Internal # 100011

NOTES

|                 |          |                     |              |
|-----------------|----------|---------------------|--------------|
| 41.Dea#         |          | 54.Freight Class    |              |
| 42.Dea Exp Date |          | 55.Charge Freight   | Y            |
| 43.Drug Type    | 1.       | 56.Frt Surcharge %  | 0.00         |
|                 | 2.       | 57.Frt Surcharge \$ | 0.00         |
| 44.License #    | MA036769 | 58.Apply To         |              |
| 45.Lic Exp Date | 12/12/08 | 59.Frt Min Dol      | 50           |
| 46.Med Data Sht | N        | 60.EDI Cust#        | UMC          |
| 47.Monthly Bill | Y        | 61.Recv 850.EDI     | Y            |
| 48.Serv Co#     | 01       | 62.Send 855 EDI     | Y            |
| 49.Serv Whse    | 001      | 63.Send 856 EDI     | Y            |
| 50.Hospital ID# |          | 64.Send 810 EDI     | Y            |
| 51.Admin Fee %  | 0.00     | 65.Cust.PO #        | Y            |
| 52.Label Fee    | 0.00     | 66.Wild Card        | Cornell      |
| 53.Facility     | FAX002   | 67.DUNS Number      | 234654789987 |
|                 |          | 68.Dunning Flag     | N            |

ENTER LINE # TO CHANGE,DELETE TO DELETE,0 TO ACCEPT : XXXXXX

PAGE 2 OF 6

|      |        |        |         |         |         |                  |        |     |                   |
|------|--------|--------|---------|---------|---------|------------------|--------|-----|-------------------|
| HELP | OK/END | INSERT | LDELETE | PREV PG | NEXT PG | NOTES<br>INQUIRY | CANCEL | Off | Userfile<br>Popup |
|------|--------|--------|---------|---------|---------|------------------|--------|-----|-------------------|

# Company Freight Setup



# Company Freight Setup

djf - [mail.tshinc.com-14 BASE.12-COMPANY-MAINT010\$2]

File Edit Settings Reset Tools GUI PDA Standard Functions Special Functions Help

## Company File Maintenance

Company #

### Formats and Masks

|                       |   |
|-----------------------|---|
| 21.GL Format          | <input type="text" value="## #####"/>                     |
| 22.GL Match           | <input type="text" value="2N-4N-2N"/>                     |
| 23.Vendor Format      | <input type="text" value="AAAAAAAA"/>                     |
| 24.Vendor Match       | <input type="text" value="0X"/>                           |
| 25.Customer Format    | <input type="text" value="AAAAAAAA"/>                     |
| 26.Customer Match     | <input type="text" value="0X"/>                           |
| 27.Internal Customer# | <input type="text" value="100563"/>                       |
| 28.Product Format     | <input type="text" value="AAAAAAAAAAAAAAAAAAAAAAAAAAAA"/> |
| 29.Product Match      | <input type="text" value="0X"/>                           |
| 30.Internal Product # | <input type="text"/>                                      |

### Accounts Receivable

|                       |                                     |                 |   |                   |                                     |
|-----------------------|-------------------------------------|-----------------|---|-------------------|-------------------------------------|
| 31.Cred Auth Password | <input type="text" value="TSH001"/> | 36.Cash Method  | <input type="text"/>                      | 43.Frt Cutoff\$   | <input type="text" value="0"/>      |
| 32.Cred Rel Password  | <input type="text" value="TSH001"/> | 37.Write Off %  | <input type="text" value="0.00"/>         | 44.Frt Ord Min    | <input type="text" value="1000"/>   |
| 33.Number Credit Days | <input type="text" value="120"/>    | 38.Write Off \$ | <input type="text" value="0.00"/>         | 45.Ret Auth Pass  | <input type="text" value="TSH001"/> |
| 34.Cash Discount %    | <input type="text" value="0.00"/>   | 39.Credit Msg   | <input type="text" value="2"/>            | 46.Ret Maint Pass | <input type="text" value="TSH001"/> |
| 35.Minimum Order \$   | <input type="text" value="0"/>      | 40.Credit Chk   | <input type="text" value="T"/>            |                   |                                     |
|                       |                                     | 41.Fax Phone    | <input type="text" value="973-777-3063"/> |                   |                                     |

42.Global Msg

ENTER LINE # TO CHANGE,DELETE TO DELETE,0 TO ACCEPT :

PAGE 2 OF 4

|      |        |        |         |         |         |         |        |     |       |
|------|--------|--------|---------|---------|---------|---------|--------|-----|-------|
| HELP | OK/END | INSERT | LDELETE | PREV PG | NEXT PG | INQUIRY | CANCEL | Off | Popup |
|------|--------|--------|---------|---------|---------|---------|--------|-----|-------|

# Drop Ship Freight Charges

Allows you to pass on or Up charge Freight and or miscellaneous Charge to your customers



# Drop Ship Freight Charges

djf - [mail.tshinc.com-14 BASE.12-SSS.PO.RCPT.ADD.COSTS012S1]

File Edit Settings Reset Tools GUI PDA Standard Functions Special Functions Help

P/O Receiving (Drop Ship) Detail Company 01 The Systems House, Inc  
 Period 0804 Batch Warehouse 001 WAREHOUSE  
 Receiver# DFT Inv# 11223 Inv Dt 06/04/08  
 PO Number 131907 Date 06/04/08 Total Invoice Amount 100.00  
 Vendor# A1000 ALCOR Pct Add-On 0.00 Currency US 1.000000

| LN#  | Product | Number  | PO      | Stk              | Cst | Comp   |    |      |    |      |      |
|------|---------|---------|---------|------------------|-----|--------|----|------|----|------|------|
| LN#  | OrdQty  | TotRcvd | IntrQty | RecPrch          | UM  | RecStk | UM | Cost | UM | Ext. | Cost |
| TOM1 |         |         |         | TOMS TEST PROD 1 |     |        |    |      |    |      |      |

Additional Costs

|   |           |       |           |       |           |       |                 |   |  |                  |      |             |      |                 |      |             |      |        |      |
|---|-----------|-------|-----------|-------|-----------|-------|-----------------|---|--|------------------|------|-------------|------|-----------------|------|-------------|------|--------|------|
| <p>(US)</p> <table border="0"> <tr><td>1.Freight</td><td style="text-align: right;">75.00</td></tr> <tr><td>2.Miscell</td><td style="text-align: right;">12.00</td></tr> <tr><td>3.Ord Frt</td><td style="text-align: right;">50.00</td></tr> <tr><td>4.Bill Misc/Frt</td><td style="text-align: right;">Y</td></tr> </table> | 1.Freight | 75.00 | 2.Miscell | 12.00 | 3.Ord Frt | 50.00 | 4.Bill Misc/Frt | Y | <p>(Foreign)</p> <table border="0"> <tr><td>5.Inland Freight</td><td style="text-align: right;">0.00</td></tr> <tr><td>6.Brokerage</td><td style="text-align: right;">0.00</td></tr> <tr><td>7.Ocean Freight</td><td style="text-align: right;">0.00</td></tr> <tr><td>8.Insurance</td><td style="text-align: right;">0.00</td></tr> <tr><td>9.Duty</td><td style="text-align: right;">0.00</td></tr> </table> | 5.Inland Freight | 0.00 | 6.Brokerage | 0.00 | 7.Ocean Freight | 0.00 | 8.Insurance | 0.00 | 9.Duty | 0.00 |
| 1.Freight   | 75.00     |       |           |       |           |       |                 |   |  |                  |      |             |      |                 |      |             |      |        |      |
| 2.Miscell   | 12.00     |       |           |       |           |       |                 |   |  |                  |      |             |      |                 |      |             |      |        |      |
| 3.Ord Frt   | 50.00     |       |           |       |           |       |                 |   |  |                  |      |             |      |                 |      |             |      |        |      |
| 4.Bill Misc/Frt   | Y         |       |           |       |           |       |                 |   |  |                  |      |             |      |                 |      |             |      |        |      |
| 5.Inland Freight  | 0.00      |       |           |       |           |       |                 |   |  |                  |      |             |      |                 |      |             |      |        |      |
| 6.Brokerage   | 0.00      |       |           |       |           |       |                 |   |  |                  |      |             |      |                 |      |             |      |        |      |
| 7.Ocean Freight   | 0.00      |       |           |       |           |       |                 |   |  |                  |      |             |      |                 |      |             |      |        |      |
| 8.Insurance   | 0.00      |       |           |       |           |       |                 |   |  |                  |      |             |      |                 |      |             |      |        |      |
| 9.Duty  | 0.00      |       |           |       |           |       |                 |   |  |                  |      |             |      |                 |      |             |      |        |      |

Enter Line# to change , "0" to accept or 'ABORT':

|      |        |        |         |         |         |         |        |     |       |
|------|--------|--------|---------|---------|---------|---------|--------|-----|-------|
| HELP | OK/END | INSERT | LDELETE | PREV PG | NEXT PG | INQUIRY | CANCEL | Off | Popup |
|------|--------|--------|---------|---------|---------|---------|--------|-----|-------|



# Delivery Master

## Running Your Own Trucks

Initial routing information in the customer file  
Warehouse picks, packs, and verifies order  
Bar code label generated for each package  
Shipping manager reviews truck loads and  
adjusts routes and stops (initially assigned  
from customer profile) based upon schedule,  
truck loading etc.

Paper manifests are printed to serve as a  
backup if needed

# Routing Information on each Order

MDS for Windows Version 7.12.0 - [rs000d-5100 DIST.12-555.DC.HDR.INPUT0129L]

File Edit Settings View Press Tools GUI FDA Standard Functions Special Functions Help

---

**Order Entry Header**

Company: 01      Sell Whse: 001      Ship Whse: 001

Order#: 141779      Date: 05/02/07      TSH MEDICAL SUPPL      NEW YORK, NY      NEW YORK, NY

---

Fill:      Ship-In:      1

Customer: NYU      212-438-5722      NEW YORK UNIVERSITY      Country:      NEW YORK UNIVERSITY      Country:

HM 220 S5U 2540      NEW YORK CITY      NY      10016-2540      NEW YORK CITY      NY      10016-2540

Cust Class: 01      HOSPITALS      Salesman: 005      KEVIN LYRCH

---

2.Reg Dt: 15/07/07      Future      N      Rld      N      13.Cons/Rent: N      Return Date:

3.As of Dt:

4.Terms: 01      NET 30      14.Inv Comp: N

5.Source: 01      CUSTOMER PHONE-IN      15.Ship Comp: N

6.Cust PO#: CUST PO 123      16.Cancel Dt:

7.Direct: Vendor      17.Ord Hold: N

8.Spec Ins:

9.Caller: JOE      18.LICA: N

10.Ship Via: 01      UPS      19.Dex#:

11.Cash: N      20.Route: NY      NY ROUTE

12.N/Bill: N      21.Dly Slup: 12

22.Tr Class:

Enter Line# to Change, DELETE to Delete or 0 to Accept:      XXXXXX

---

|         |        |          |           |         |          |          |        |    |       |
|---------|--------|----------|-----------|---------|----------|----------|--------|----|-------|
| MDS INQ | AR INQ | CUSTOMER | SALES MGT | CRM     | ORD/HOLD | CUSTNOTE |        |    |       |
| HELP    | OK/END | INSERT   | LDELETE   | PREV PG | NEXT PG  | INQUIRY  | CANCEL | OT | Popup |

# Truck Route Assignment



WinMDS\_RS6000 - [rs6000d.tshinc.com-3756 demo.12-MANIFEST.XREF.MAINT01251]

File Edit Settings View Reset Tools GUI PDA Standard Functions Special Functions Help

**Daily Manifest Maintenance**

Truck Route: NY NY ROUTE Ship Date: 10/05/04

| LN# | RELEASE#    | Customer                         | Route          | Stop | SHIP DATE |
|-----|-------------|----------------------------------|----------------|------|-----------|
| 1   | 01141688001 | UHS<br>UNIVERSAL HOSPITAL SERVIC | NY<br>NY ROUTE | 15   | 10/05/04  |
| 2   | 01141687001 | UHS<br>UNIVERSAL HOSPITAL SERVIC | NY<br>NY ROUTE | 15   | 10/05/04  |
| 3   | 01141686001 | NYU<br>NEW YORK UNIVERSITY       | NY<br>NY ROUTE | 12   | 10/05/04  |
| 4   | 01141685001 | NYU<br>NEW YORK UNIVERSITY       | NY<br>NY ROUTE | 12   | 10/05/04  |
| 5   |             |                                  |                |      |           |
| 6   |             |                                  |                |      |           |
| 7   |             |                                  |                |      |           |

ENTER LINE # TO CHANGE,DEFTE TO DEFTE,0 TO ACCEPT :


|      |        |        |         |         |         |         |        |  |  |       |
|------|--------|--------|---------|---------|---------|---------|--------|--|--|-------|
| HELP | OK/END | INSERT | LDELETE | PREV PG | NEXT PG | INQUIRY | CANCEL |  |  | Popup |
|------|--------|--------|---------|---------|---------|---------|--------|--|--|-------|

# Create your Own Labels


The screenshot displays the BarTender Enterprise software interface. The window title is "BarTender Enterprise - [UPS\_Domestic\_label \*]". The menu bar includes "File", "Edit", "View", "Create", "Modify", "Arrange", "Tools", "Window", and "Help". A ruler is visible at the top of the workspace. The label design is as follows:

TEH SUPPLY COMPANY 12 LBS 1 OF 2  
1234567890  
5TH FLOOR  
1550 W ANYWHERE STREET  
PHOENIX AZ 85027

**SHIP TO:** JOHN SMITH  
9876543210  
ABC COMPANY  
BUILDING 3 FLOOR 4  
123 MAIN STREET  
SALT LAKE CITY UT 12345-5678

 The Systems House, Inc.  
[www.tshinc.com](http://www.tshinc.com) • 1-800-475-5556

TRACKING #: 1Z 123 X50 11 2075 4888



Thanks for ordering from [www.tshinc.com](http://www.tshinc.com)

<VB Escalot- This Will Not Print>

# Loading the Truck

Each carton is scanned as truck is being loaded to insure that all packages have been loaded on the right truck.

Driver downloads the electronic manifest to handheld device, enabling the device to record delivery and stop information

# PDA Displays Manifest by Route and Stop



The screenshot shows a PDA application window with a blue title bar containing the Windows logo, the text 'MDS Delivery Masl', and icons for signal strength, volume, and time (11:01). The main content area displays a table with the following data:

| Route | Stop | Customer                  |
|-------|------|---------------------------|
| 123   | 1    | UNIVERSITY MEDICAL CENTER |
| 123   | 2    | UNIVERSITY MEDICAL CENTER |
| 123   | 3    | ST. MARYS MEDICAL CENTER  |

Below the table are four buttons: 'Info', 'Truck Scan', 'Load Route', and 'Delivery Scan'. At the bottom right, there is a keyboard icon and a small upward-pointing arrow.

# Customer Deliveries

Driver scans each carton's barcode as it is being delivered to insure that the right boxes are being delivered, and that no cartons have been missed.

Driver captures customers' signatures on the handheld device

Upon return, the device is placed in cradle (docked) mode, the signature and delivery information is uploaded to the server when the truck returns to the warehouse

# Driver Route Management

Delivery information is captured on each driver's handheld device. Upon return information in the handheld device is uploaded to the MDS system.



Signature data is uploaded upon driver return to the warehouse.

The screenshot shows a software window titled 'WinMDS\_RS6000 - [rs6000d.tshinc.com:3756 demo.12-MANIFEST.XREF.MAINT01251]'. The main window is 'Daily Manifest Maintenance' with a 'Truck Route' dropdown set to 'NY' and 'Ship Date' set to '10/05/04'. Below this is a table with columns: LN#, RELEASE#, Customer, Route, Stop, and SHIP DATE.

| LN# | RELEASE#    | Customer                         | Route          | Stop | SHIP DATE |
|-----|-------------|----------------------------------|----------------|------|-----------|
| 1   | 01141688001 | UHS<br>UNIVERSAL HOSPITAL SERVIC | NY<br>NY ROUTE | 15   | 10/05/04  |
| 2   | 01141687001 | UHS<br>UNIVERSAL HOSPITAL SERVIC | NY<br>NY ROUTE | 15   | 10/05/04  |
| 3   | 01141686001 | NYU<br>NEW YORK UNIVERSITY       | NY<br>NY ROUTE | 12   | 10/05/04  |
| 4   | 01141685001 | NYU<br>NEW YORK UNIVERSITY       | NY<br>NY ROUTE | 12   | 10/05/04  |
| 5   |             |                                  |                |      |           |
| 6   |             |                                  |                |      |           |
| 7   |             |                                  |                |      |           |

A 'Delivery Details' popup window is open, showing fields for Order Number, Route Number, Driver, Delivery Date, Delivery Time, Custom Code, Signature, Name, and Telephone. The Signature field contains a handwritten signature on a yellow background. Buttons for 'CANCEL' and 'PopUp' are visible at the bottom of the popup.



# Report and Management Capabilities

A variety of reports are available on any aspect of the delivery process.

Driver and delivery performance  
Customer Issues



mail.tahiro.com 14 BASE 12 MANIFEST.MREF.WAR T01251

File Edit View Tools Help Window Help

Daily Manifest Maintenance

Truck Route: 111 MONDAY DELIVERY Ship Date: 06/04/00

| LINE | ALLASYS    | Customer   | Route           | SHIP | SHIP DATE |
|------|------------|------------|-----------------|------|-----------|
| 1    | 1413818011 | 0000       | 111             | 20   | 06/04/00  |
|      |            | KSPALL INC | MONDAY DELIVERY |      |           |
| 2    | 1413818011 | 0000       | 111             | 20   | 06/04/00  |
|      |            | KSPALL INC | MONDAY DELIVERY |      |           |
| 3    | 1413818011 | 0000       | 111             | 20   | 06/04/00  |
|      |            | KSPALL INC | MONDAY DELIVERY |      |           |
| 4    | 1413842011 | 0000       | 111             | 20   | 06/04/00  |
|      |            | KSPALL INC | MONDAY DELIVERY |      |           |
| 5    | 1413842011 | 0000       | 111             | 20   | 06/04/00  |
|      |            | KSPALL INC | MONDAY DELIVERY |      |           |
| 6    | 1413842011 | 0000       | 111             | 20   | 06/04/00  |
|      |            | KSPALL INC | MONDAY DELIVERY |      |           |
| 7    | 1413842011 | 0000       | 111             | 20   | 06/04/00  |
|      |            | KSPALL INC | MONDAY DELIVERY |      |           |

PRINT | INF 2 TO CHANGE | INF 1 TO DR | F10 TO ACCEPT |

OK

FILE EDIT VIEW TOOLS HELP WINDOW HELP

# Benefits of Delivery Master

- Improved delivery service
- Ability to capture signature when packages are delivered.
- Provides Proof of Delivery
- Insure that all packages have been delivered to the right customer.
- Maintain history of all packages delivered by customer and driver.

# Benefits of the MDS Shipping & Freight Subsystems

- Create Additional Revenue Stream
- Increased Visibility into Actual Costs
- Better Control of Freight and Shipping Costs
- Better Customer Service