



MABUG 2019

RF PICK AND PACK

VERSION: VL19.010

TOPICS

- Overview
- Transaction Process Flow
- Queries
- Configurations
- Questions and Answers



- Background / Trends:
 - Increase in On-Line e-Fulfillment Orders
 - High Volumes of these Orders
 - Small Quantities per Order
 - Products are often NOT Lotted (i.e. Single Lotted)



- Usage / Options
 - Carton Type Identification:
 - User Definable Dimensions and Weight Capacity
 - Used as Shipment Conveyance. Available for EDI (945/856)
 - Validation (via Scanning) of the:
 - Storage Location (from which Stock was Picked)
 - Product
 - Once for a specific Product Quantity Picked/Packed
 - Once for EACH Piece of the Product Picked/Packed
 - Capacity Checking / Warning Message if Exceeds:
 - Maximum Weight per Carton and/or
 - Maximum Volume/Cube per Carton



- Usage / Options (Continued)
 - Carton Label Generation / Printing:
 - Upon Closing Each Carton, or
 - Upon Completion of Packing the Order
 - Carton Types:
 - User Definable with specified Dimensions and Weight Capacity
 - Used as a Shipment Conveyance for Packed Stock
 - Multiple Stock Keeping Units of Measurement:
 - Ability to Recognize and Pack Products defined with Multi-SKU UOMs



- Usage / Options (Continued)
 - RF Pick/Pack Actions:
 - N = Place Stock in Carton. Pick NEXT Product/Location
 - C = CLOSE Open Carton
 - R = REMOVE Stock from Open Carton
 - User selects Stock and Quantity from List of Contents
 - System Displays the Location/Conveyance to Return Stock
 - Q = QUIT Pick/Pack
 - System allows a User to Exit the Order IF there is NOT an Open Carton (otherwise they must Close the Carton before Exit)
 - User may recall/continue an Order that is NOT completely Picked/Packed



- Usage / Options (Continued)
 - RF Pick/Pack Features:
 - Users Select/Move Closed Cartons to a Drop Location
 - Pack Status: Quantity Packed / Total to be Packed



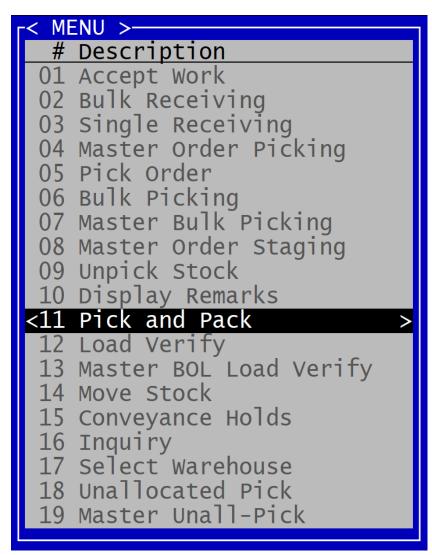
- Scope:
 - Requires the use of Regular Orders
 - Stock Allocated at Product/Lot Level prior to Picking
 - Requires use of:
 - Maves' Label Interface (LI) System and a
 - 3rd Party Label Design System
- Benefits:
 - Reduces Labor Time/Cost since:
 - Picking/Packing Actions are simultaneous and
 - Products with Multi-SKU UOMs may be Picked/Packed

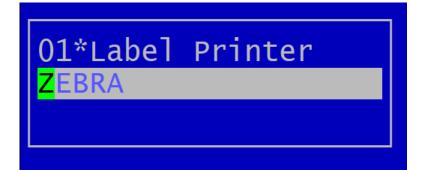


TRANSACTION PROCESS FLOW

- 1. Create Regular Order (OE.01)
 - Reserve Stock at Product/Lot Level
- 2. Print Pick Slip (OE.03)
 - Reserve Stock at Location Level
- 3. Pick and Pack (RF.01)



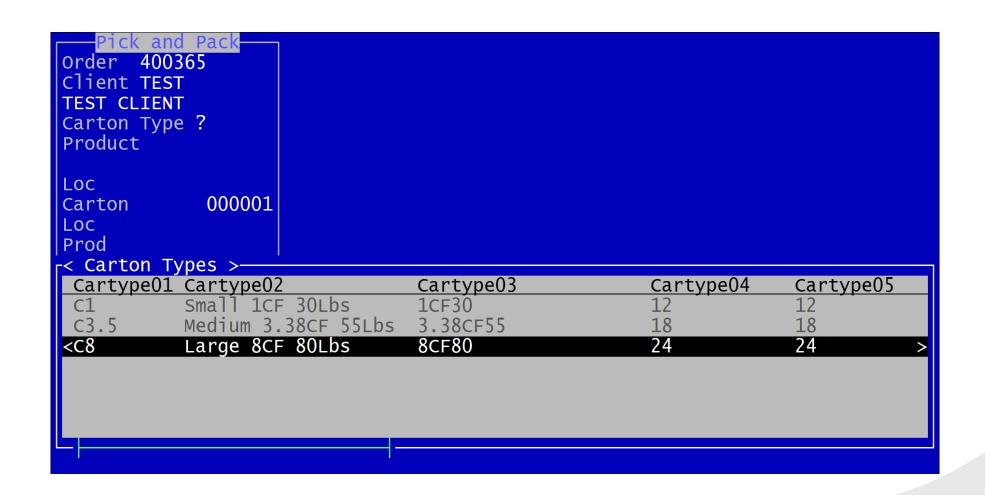




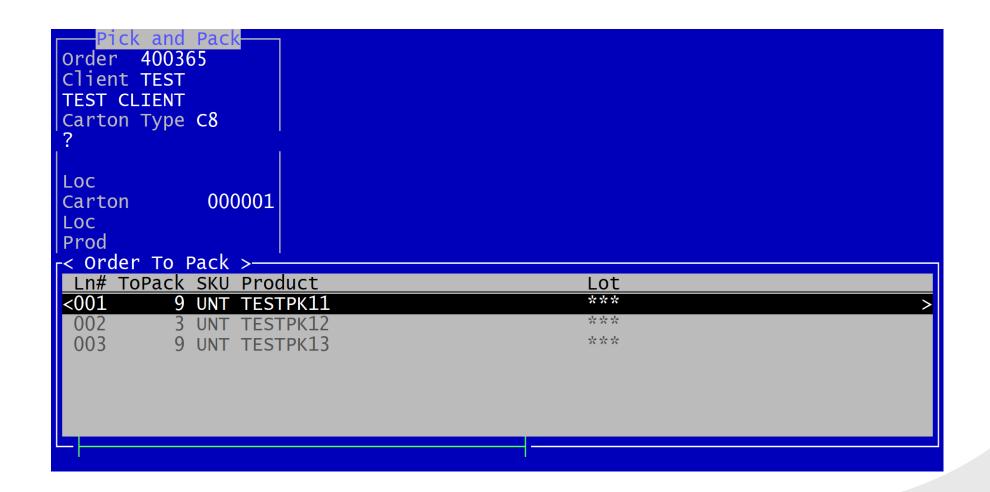


```
Pick and Pack
        400365
Order
Client
Carton Type
Product
Loc
                               **** Message
Carton
Loc
                              Label Reference
Prod
To Pick
                              000388
Action N,C,R,Q
Drop Loc
                                         <0K>
Last Carton
```









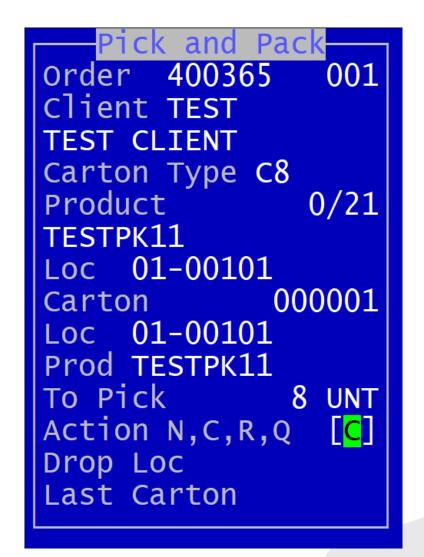


Order 400365 001 Client TEST TEST CLIENT
Carton Type C8 Product 0/21 TESTPK11 Loc 01-00101
Carton 000001 Loc 01-00101 Prod To Pick UNT
Action N,C,R,Q Drop Loc Last Carton

```
Pick and Pack
Order 400365
               001
Client TEST
TEST CLIENT
Carton Type C8
Product
              0/21
TESTPK11
Loc 01-00101
            000001
Carton
Loc 01-00101
Prod[TESTPK11
To Pick
                UNT
Action N,C,R,Q
Drop Loc
Last Carton
```



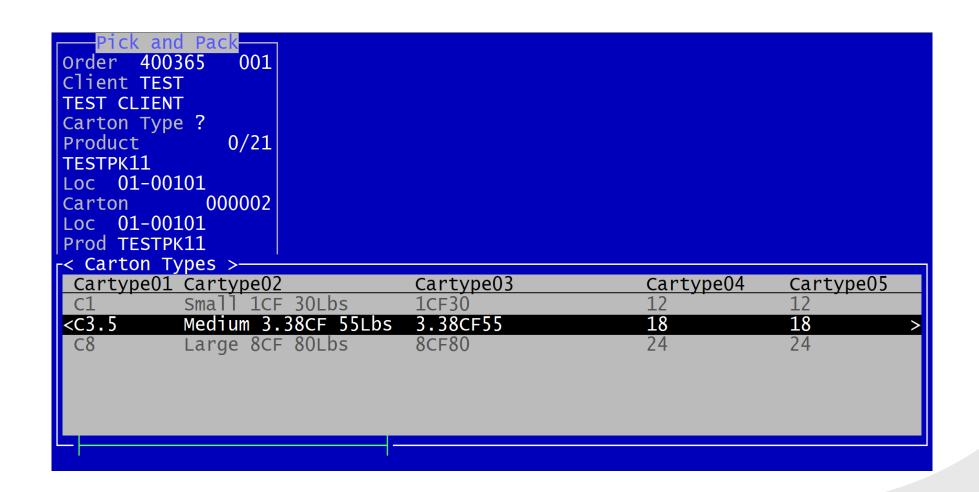
Order 400365 001 Client TEST TEST CLIENT
Carton Type C8 Product 0/21 TESTPK11
Loc 01-00101 Carton 000001 Loc 01-00101 Prod TESTPK11
To Pick[9]UNT Action N,C,R,Q Drop Loc Last Carton





```
Pick and Pack
Order 400365
               001
Client TEST
TEST CLIENT
Carton Type C8
Product
              0/21
TESTPK11
Loc 01-00101
            000001
Carton
Loc 01-00101
Prod TESTPK11
To Pick 8 UNT
Action N,C,R,Q
Drop Loc [SHIPDOCK]
Last Carton
```



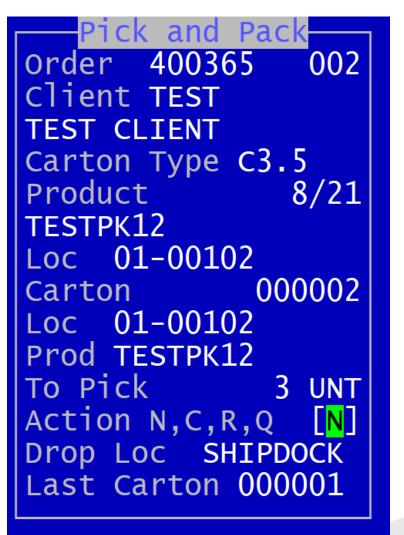




```
Pick and Pack
Order 400365
Client TEST
TEST CLIENT
Carton Type C3.5
TESTPK11
Loc 01-00101
             000002
Carton
Loc 01-00101
Prod TESTPK11
order To Pack >-
 Ln# ToPack SKU Product
                                               Lot
 001
<002
                                               ***
          3 UNT TESTPK12
 003
                                               ***
          9 UNT TESTPK13
```



Order 400365 002 Client TEST TEST CLIENT Carton Type C3.5 Product 8/21 TESTPK12 Loc 01-00102 000002 Carton Loc 01-00102 Prod TESTPK12 To Pick[3]UNT Action N,C,R,Q C Drop Loc SHIPDOCK Last Carton 000001

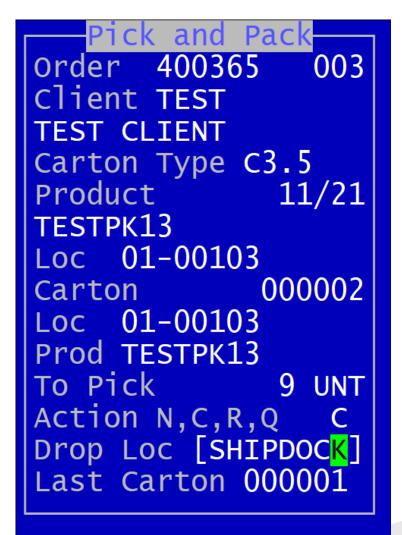




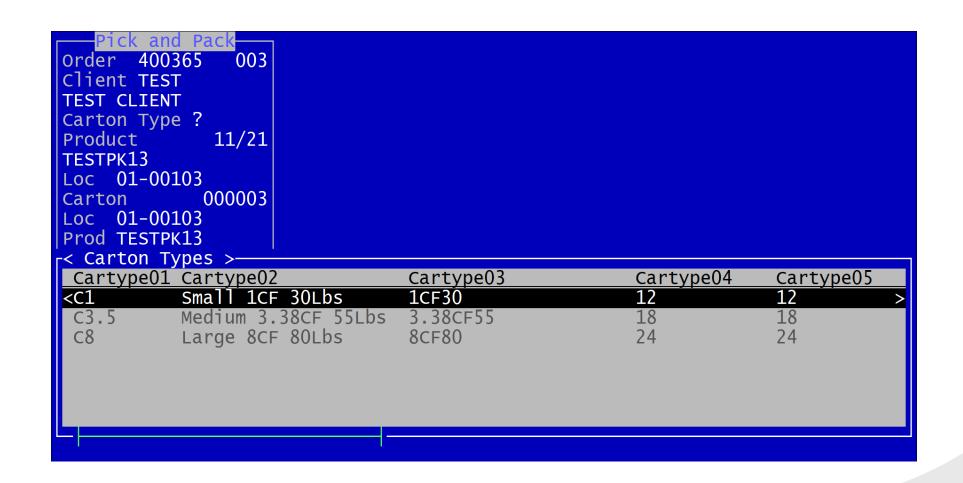
```
Pick and Pack
Order 400365
client TEST
TEST CLIENT
Carton Type C3.5
TESTPK12
Loc 01-00102
             000002
Carton
Loc 01-00102
Prod TESTPK12
-< Order To Pack >-
Ln# ToPack SKU Product
                                                 Lot
001
                                                 * * *
<003
                                                 ***
          9 UNT TESTPK13
```



Pick and Pack Order 400365 003 Client TEST TEST CLIENT Carton Type C3.5 Product 11/21 TESTPK13 Loc 01-00103 000002 Carton Loc 01-00103 Prod TESTPK13 To Pick 9 UNT Action N,C,R,Q [C] Drop Loc SHIPDOCK Last Carton 000001





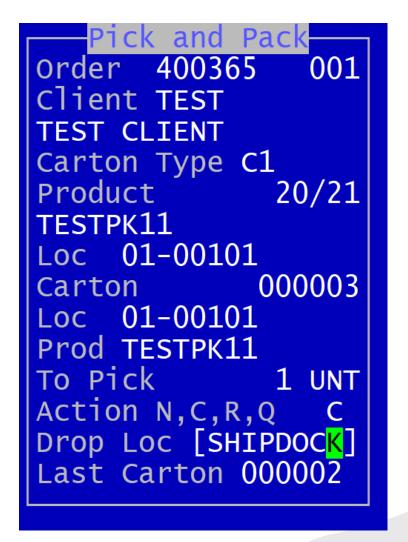




```
Pick and Pack
Order 400365
Client TEST
TEST CLIENT
Carton Type C1
TESTPK13
Loc 01-00103
             000003
Carton
Loc 01-00103
Prod TESTPK13
-< Order To Pack >-
Ln# ToPack SKU Product
                                                Lot
                                                ***
<001
          1 UNT TESTPK11
```



Pick and Pack 001 Order 400365 Client TEST TEST CLIENT Carton Type C1 Product 20/21 TESTPK11 Loc 01-00101 Carton 000003 Loc 01-00101 Prod TESTPK11 To Pick 1 UNT Action N,C,R,Q [<mark>C</mark>] Drop Loc SHIPDOCK Last Carton 000002





```
ck and Pack
      400365
                001
Client TEST
TEST CLIENT
Carton Type C1
              20/21
Product
TESTPK11
Loc 01-00101
             000003
Carton
                             **** Message
Loc 01-00101
Prod TESTPK11
                            Packing complete.
To Pick
              1 UNT
Action N,C,R,Q C
Drop Loc SHIPDOCK
                                      <0K>
Last Carton 000002
```

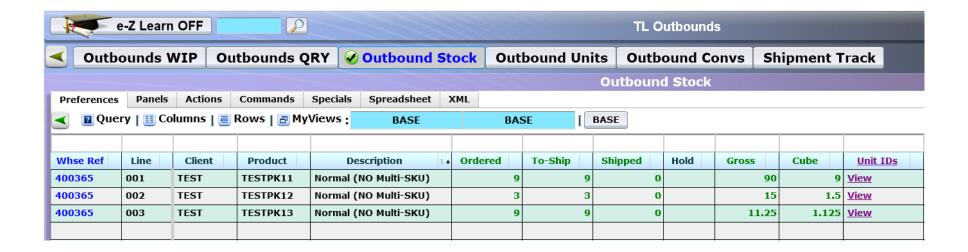


QUERIES

- HighViews:
 - Group: WMS Outbounds:
 - Outbound Stock
 - Outbound Conveyances
 - Group: WMS Inventory
 - Conveyance Contents
- Legacy Queries:
 - Order Information (OR.40)
 - Conveyance Inquiry (OR.50)



QUERIES: OUTBOUND – STOCK (HIGHVIEW)



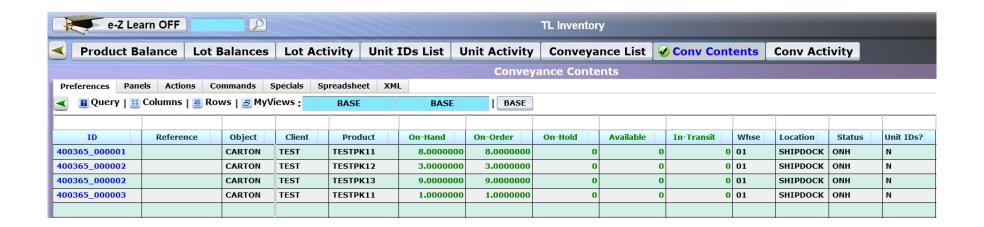


QUERIES: OUTBOUND – CONVEYANCES (HIGHVIEW)





QUERIES: CONVEYANCE CONTENTS (HIGHVIEW)





CONFIGURATIONS

- 1. RF Operators (RF.91)
 - Reserve Stock at Product/Lot Level
- 2. Packing Parameters (RF.95)
 - Reserve Stock at Location Level
- 3. Carton Type Set-Ups (CR.73)

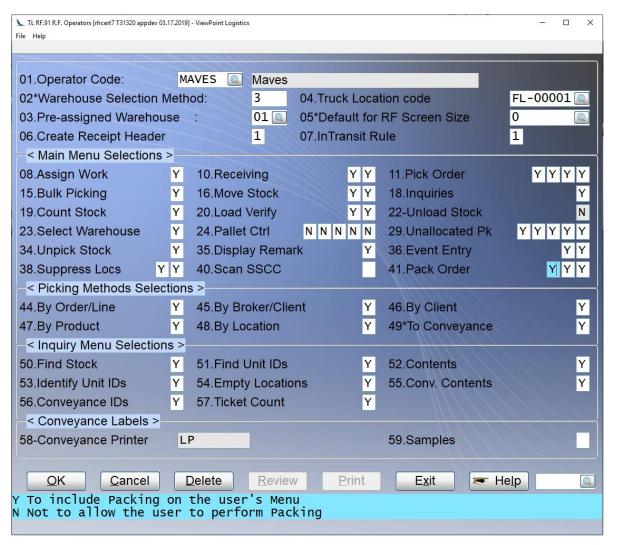


CONFIGURATIONS (CONTINUED)

- 4. Label Interface
 - 3rd Party Label Design System
 - Directory to Drop Labels (LI.92)
 - Printer Names (LI.90)
 - Label Format Codes (LI.91)
 - Picking Label Client Set-Ups (LI.89)
 - MH10 Extension Digit (LI.80)
 - MH10 Client Ranges (Ll.82)
 - MH10 Client/Customer Setup (LI.84)

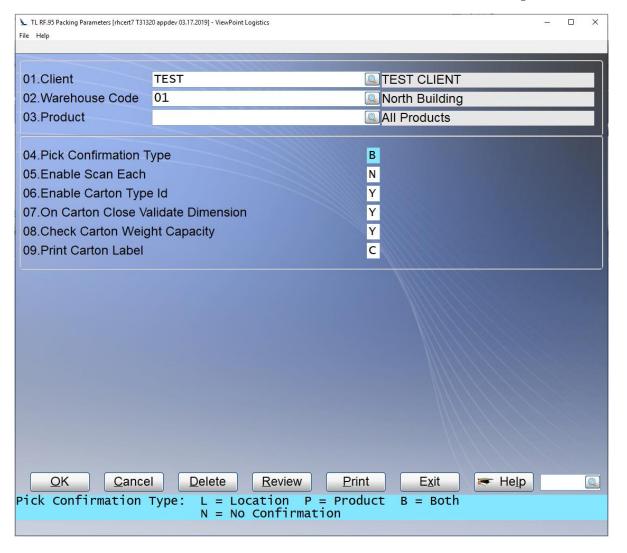


CONFIGURATION: RF OPERATORS (RF.91)



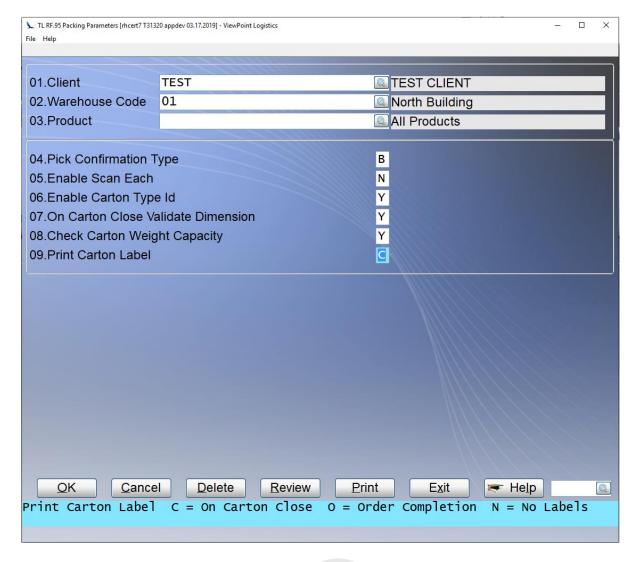


CONFIGURATION: PACKING PARAMETERS (RF.95)



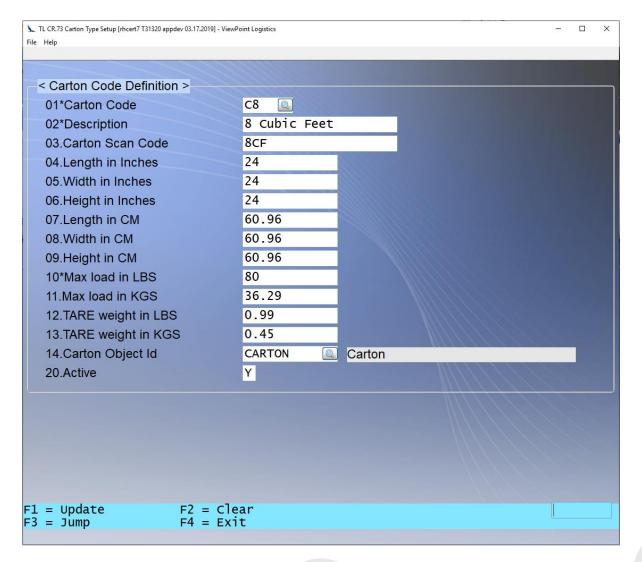


CONFIGURATION: PACKING PARAMETERS (RF.95)





CONFIGURATION: CARTON TYPES SET-UP (CR.73)





QUESTIONS?







THANK YOU



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