MAVES USERS CONFERENCE 2017

RF Order Processing

Presented By: Tim Legere

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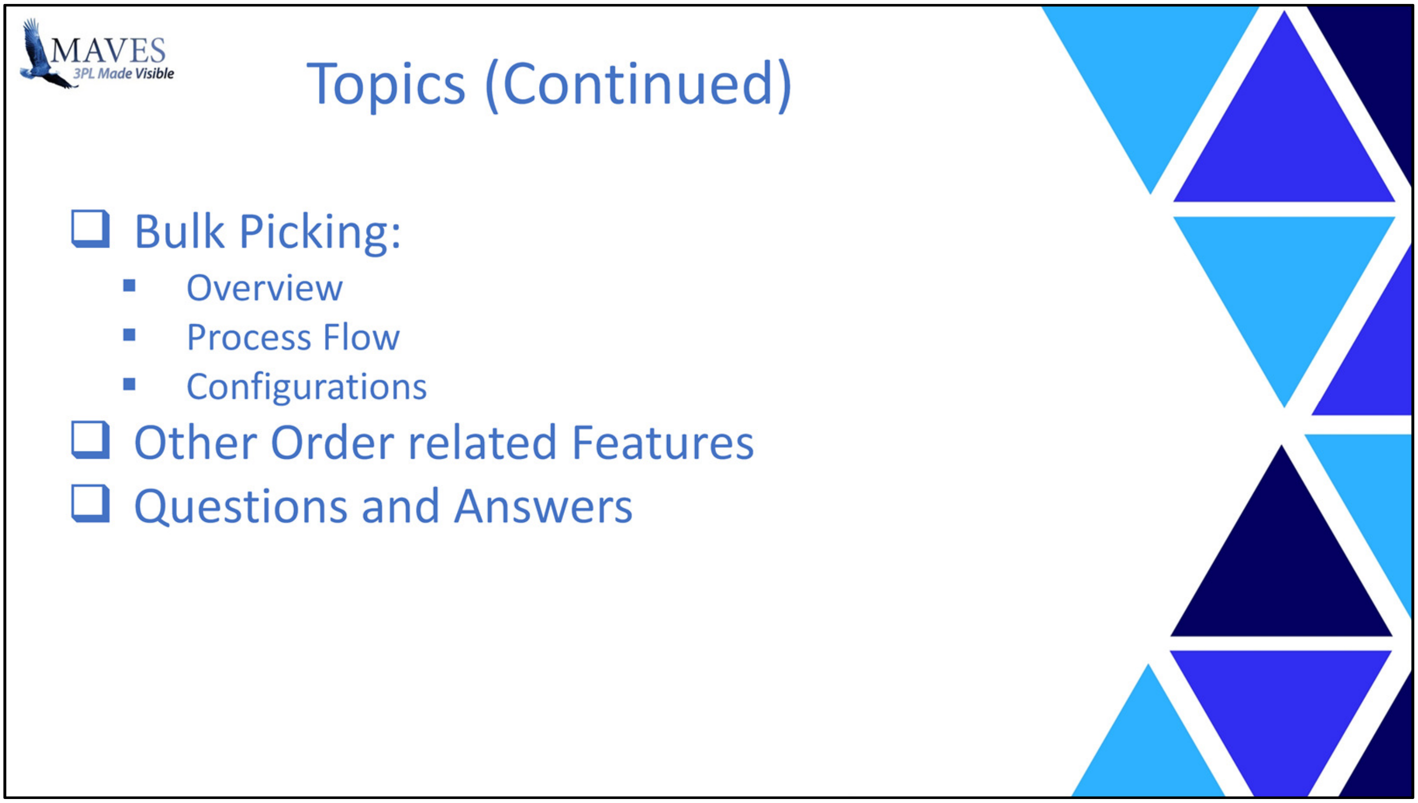
Topics

- ☐ Why use RF?
- ☐ Allocated Picking:
  - Overview
  - Process Flow
  - Configurations
- ☐ Unallocated Picking:
  - Overview
  - Process Flow
  - Configurations



Topics (Continued)

- ☐ Bulk Picking:
  - Overview
  - Process Flow
  - Configurations
- ☐ Other Order related Features
- ☐ Questions and Answers

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Why Use RF?

☐ Benefits:

- Updates Information in Real-time:
  - ✓ Received stock is immediately available for Order
  - ✓ Shipped stock is immediately visible to Clients
- Increases Inventory Accuracy:
  - ✓ Scanning reduces/eliminates:
    - Data entry errors on floor and in the office and
    - Transcription errors by office of information from warehouse
- Reduces Time/Cost of Warehousing Tasks:
  - ✓ System directs, validates & answers queries for:
    - Put Away
    - Picking
    - Replenishment
    - Loading
    - Counting

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Why Use RF?

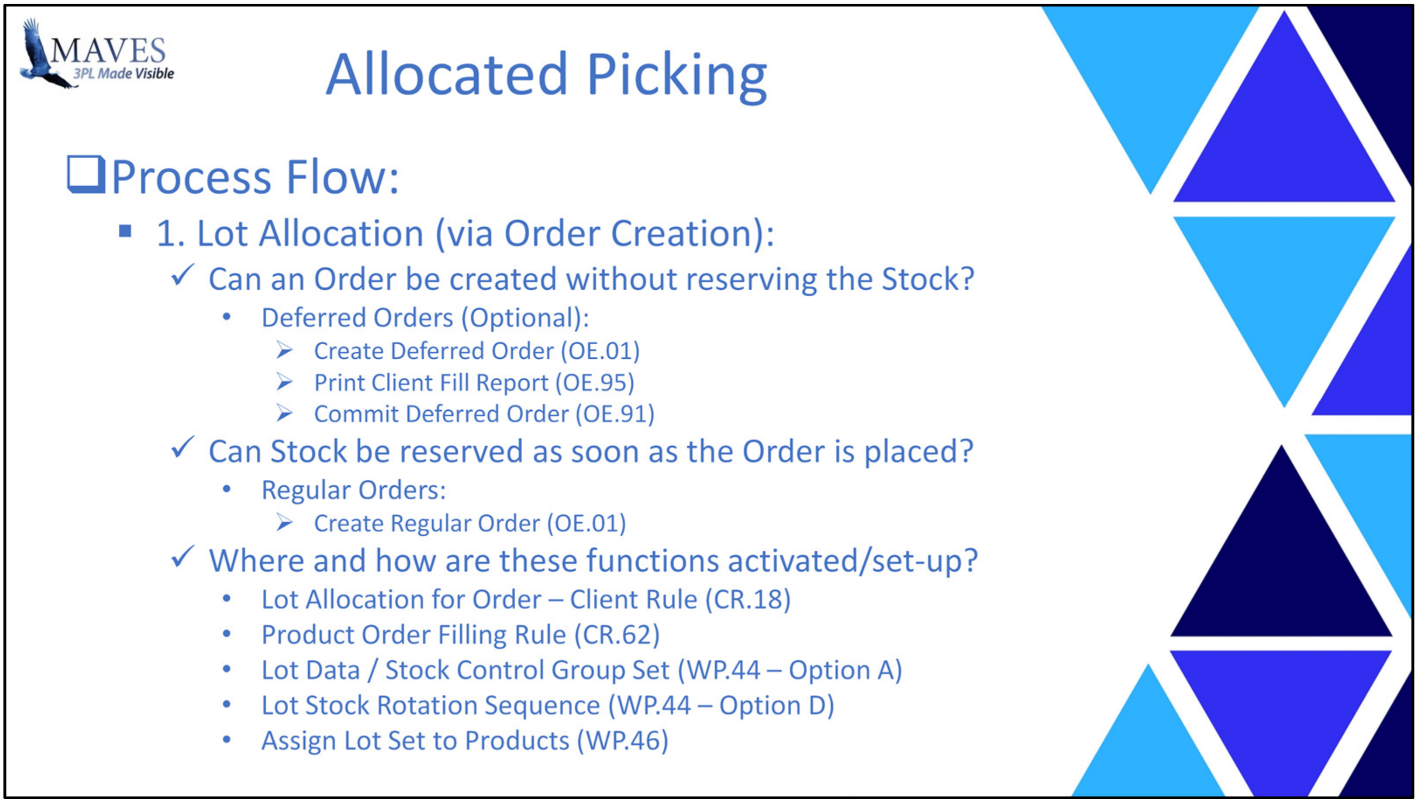
- ☐ Key Components of RF:
  - Devices:
    - ✓ Provides data validation and real time updates
  - Barcode Labels:
    - ✓ Scanned by devices to accurately record and validate data and provide source information for real-time updates
  - Electronic Data Interchange (EDI):
    - ✓ Provides advance notification of inbound, outbound and other activities. Enables Supply Chain to:
      - Compare/contrast expected vs. actual and report discrepancies

Allocated Picking

- ☐ Overview:
  - Business Case:
    - ✓ When is it typically used?
      - Client needs strict stock rotation
  - Application Scope/Usage:
    - ✓ How does it work?
      - System reserves Ordered stock at Lot/Location levels
      - System “directs” warehouse staff to pick specific stock
  - Benefits to 3PL:
    - ✓ Why is it used?
      - Few/no decisions required by RF Pickers
      - RF Pickers need NOT be familiar with Clients’ stock and Locations
      - Minimizes Picking Time/Cost since 3PL may use Labor that is:
        - ➢ Temporary and
        - ➢ Subject to High-Turnover

Allocated Picking

- ☐ Process Flow:
  - Does the Order Process change?
    - ✓ Steps:
      - 1. Lot Allocation (via OE.01 Create Order)
      - 2. Location Reservation (via OE.03 Pick Slip)
      - 3. Picking (via RF.01 Pick Order)



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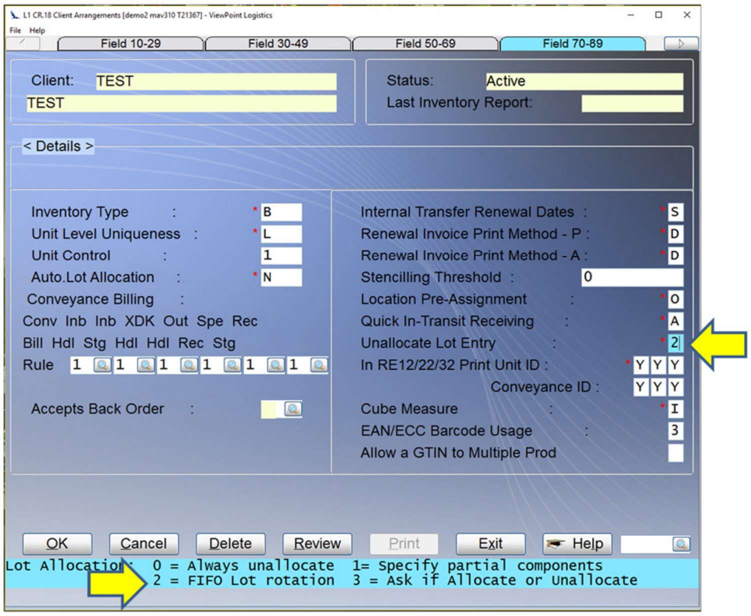
Allocated Picking

❑Process Flow:

- 1. Lot Allocation (via Order Creation):
  - ✓ Can an Order be created without reserving the Stock?
    - Deferred Orders (Optional):
      - ➢ Create Deferred Order (OE.01)
      - ➢ Print Client Fill Report (OE.95)
      - ➢ Commit Deferred Order (OE.91)
  - ✓ Can Stock be reserved as soon as the Order is placed?
    - Regular Orders:
      - ➢ Create Regular Order (OE.01)
  - ✓ Where and how are these functions activated/set-up?
    - Lot Allocation for Order – Client Rule (CR.18)
    - Product Order Filling Rule (CR.62)
    - Lot Data / Stock Control Group Set (WP.44 – Option A)
    - Lot Stock Rotation Sequence (WP.44 – Option D)
    - Assign Lot Set to Products (WP.46)

Lot Allocation for Order – Client Rule (CR.18 – Field # 86)



L1 CR.18 Client Arrangements [demo2 mav310 T21367] - ViewPoint Logistics

File
Help
Field 10-29
Field 30-49
Field 50-69
Field 70-89

Client: TEST
TEST

Status: Active
Last Inventory Report:

< Details >

Inventory Type : * B
Unit Level Uniqueness : * L
Unit Control : 1
Auto.Lot Allocation : * N
Conveyance Billing :
Conv Inb Inb XDK Out Spe Rec
Bill Hdl Stg Hdl Hdl Rec Stg
Rule 1 1 1 1 1 1

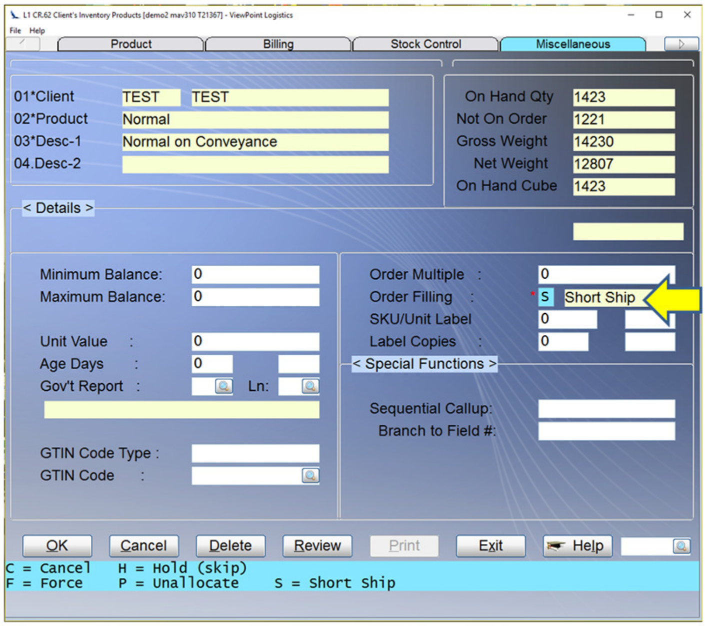
Accepts Back Order :

Internal Transfer Renewal Dates : * S
Renewal Invoice Print Method - P : * D
Renewal Invoice Print Method - A : * D
Stencilling Threshold : 0
Location Pre-Assignment : * O
Quick In-Transit Receiving : * A
Unallocate Lot Entry : * 2
In RE12/22/32 Print Unit ID : * Y Y Y
Conveyance ID : Y Y Y
Cube Measure : * I
EAN/ECC Barcode Usage : 3
Allow a GTIN to Multiple Prod

OK
Cancel
Delete
Review
Print
Exit
Help

```
Lot Allocation:  0 = Always unallocate  1= Specify partial components
                 2 = FIFO Lot rotation  3 = Ask if Allocate or Unallocate
```

Product Order Filling Rule
(CR.62 – Field # 81)



L1 CR.62 Client's Inventory Products [demo2 mav310 T21367] - ViewPoint Logistics
File
Help
Product
Billing
Stock Control
Miscellaneous
< Details >
< Special Functions >
OK
Cancel
Delete
Review
Print
Exit
Help

01*Client TEST TEST
02*Product Normal
03*Desc-1 Normal on Conveyance
04.Desc-2

On Hand Qty 1423
Not On Order 1221
Gross Weight 14230
Net Weight 12807
On Hand Cube 1423

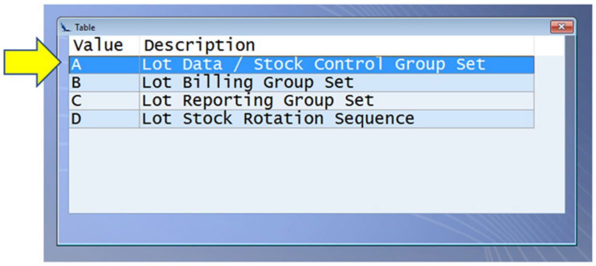
Minimum Balance: 0
Maximum Balance: 0
Unit Value : 0
Age Days : 0
Gov't Report : Ln:
GTIN Code Type :
GTIN Code :

Order Multiple : 0
Order Filling : S Short Ship
SKU/Unit Label 0
Label Copies : 0

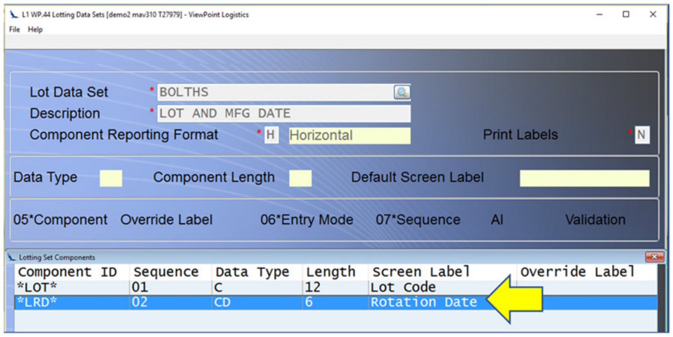
Sequential Callup:
Branch to Field #:

```
C = Cancel    H = Hold (skip)
F = Force     P = Unallocate    S = Short Ship
```

Lot Data / Stock Control Group Set (WP.44 – Option A)



Value	Description
A	Lot Data / Stock Control Group Set
B	Lot Billing Group Set
C	Lot Reporting Group Set
D	Lot Stock Rotation Sequence


L1 WP.44 Lotting Data Sets [demo2 mav310 T27979] - ViewPoint Logistics
File
Help

Lot Data Set * BOLTHS
Description * LOT AND MFG DATE
Component Reporting Format * H Horizontal
Print Labels * N

Data Type
Component Length
Default Screen Label

05*Component Override Label 06*Entry Mode 07*Sequence AI Validation

Lotting Set Components

Component ID	Sequence	Data Type	Length	Screen Label	Override Label
LOT	01	C	12	Lot Code	
LRD	02	CD	6	Rotation Date	

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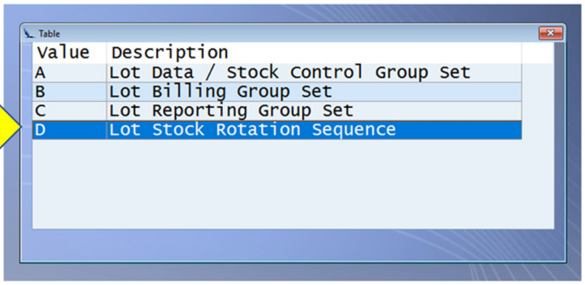
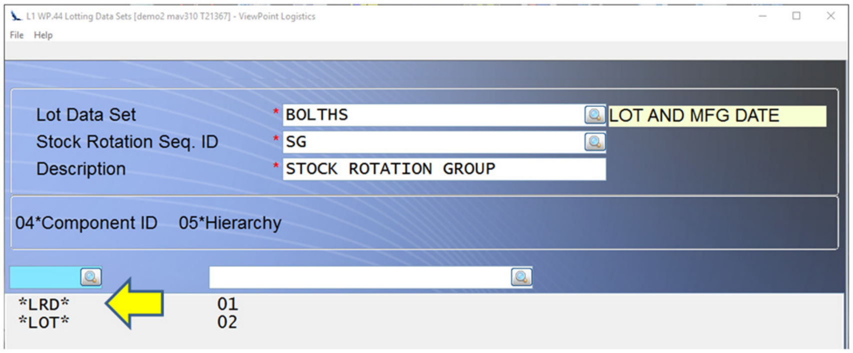
Lot Stock Rotation Sequence
(WP.44 – Option D)



Table

Value	Description
A	Lot Data / Stock Control Group Set
B	Lot Billing Group Set
C	Lot Reporting Group Set
D	Lot Stock Rotation Sequence

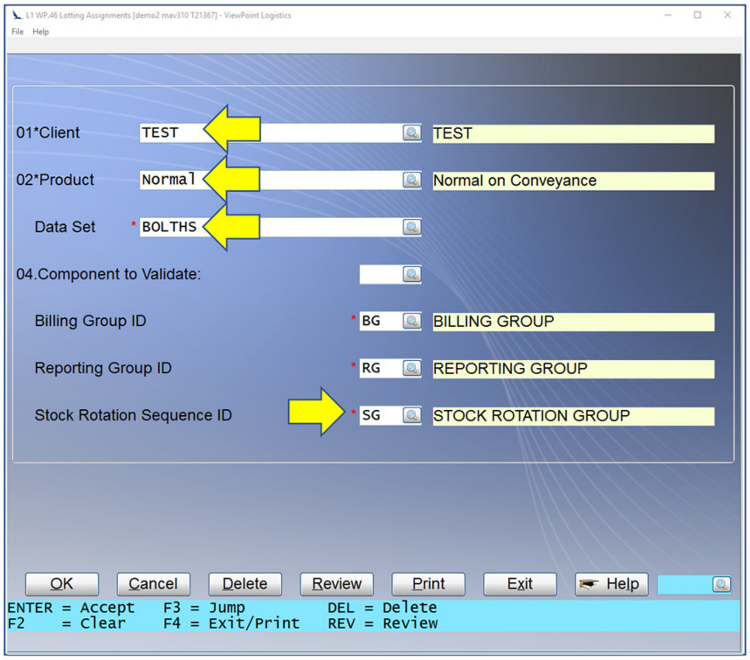


L1 WP.44 Lotting Data Sets [demo2 mav310 T21367] - ViewPoint Logistics
File Help

Lot Data Set * BOLTHS LOT AND MFG DATE
Stock Rotation Seq. ID * SG
Description * STOCK ROTATION GROUP

04*Component ID	05*Hierarchy
LRD	01
LOT	02

Assign Lot Set to Product (WP.46)



L1 WP.46 Lotting Assignments [demo2 mav310 T21367] - ViewPoint Logistics

01*Client TEST TEST

02*Product Normal Normal on Conveyance

Data Set * BOLTHS

04.Component to Validate:

Billing Group ID * BG BILLING GROUP

Reporting Group ID * RG REPORTING GROUP

Stock Rotation Sequence ID * SG STOCK ROTATION GROUP

```
ENTER = Accept    F3 = Jump          DEL = Delete
F2    = Clear     F4 = Exit/Print    REV = Review
```

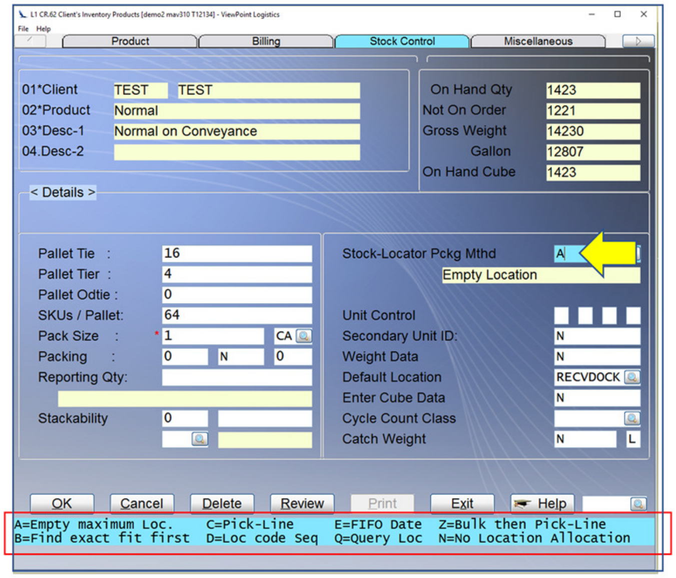
File
Help
OK
Cancel
Delete
Review
Print
Exit
Help

Allocated Picking

❑Process Flow:

- 2. Location Reservation (via Pick Slip):
  - ✓ What process reserves stock at the location level?
    - Print Pick Slip (OE.03)
  - ✓ How does the System determine the Locations to be Reserved?
    - Stock Location Picking Method (CR.62)
      - ➢ A = Empty Maximum Locations
      - ➢ B = Find Exact Fit First
      - ➢ C = Pickline
      - ➢ D = Location Code Sequence
      - ➢ E = FIFO Date (Single Lot ONLY)
      - ➢ N = No Location Allocation
      - ➢ Q = Query Location
      - ➢ Z = Bulk the Pickline Location

Stock Location Reservation Method
(CR.62 – Field # 60)


L1 CR.62 Client's Inventory Products [demo2 mav310 T12134] - ViewPoint Logistics
File
Help
Product
Billing
Stock Control
Miscellaneous
< Details >
OK
Cancel
Delete
Review
Print
Exit
Help

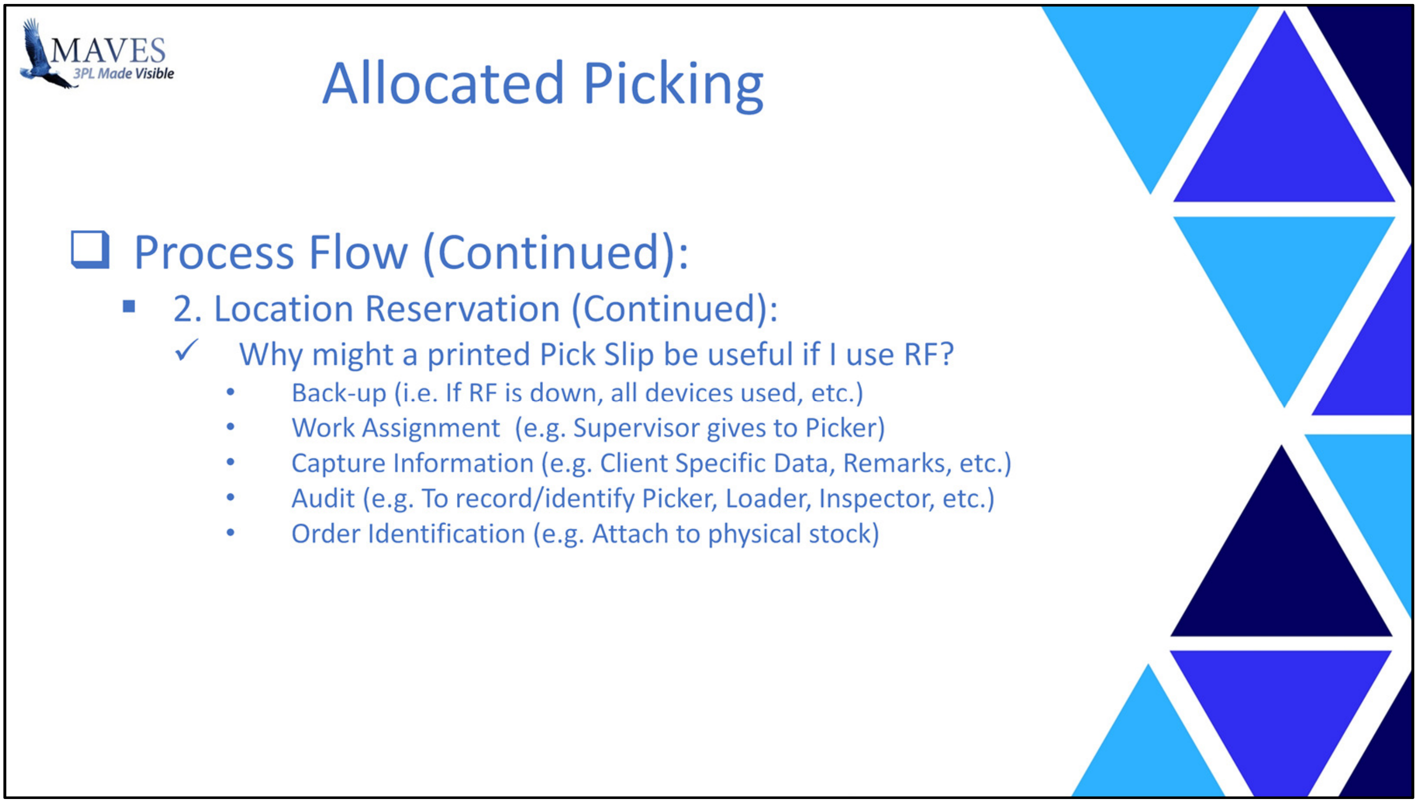
01*Client TEST TEST
02*Product Normal
03*Desc-1 Normal on Conveyance
04.Desc-2

On Hand Qty 1423
Not On Order 1221
Gross Weight 14230
Gallon 12807
On Hand Cube 1423

Pallet Tie : 16
Pallet Tier : 4
Pallet Odtie : 0
SKUs / Pallet: 64
Pack Size : * 1 CA
Packing : 0 N 0
Reporting Qty:
Stackability 0

Stock-Locator Pckg Mthd A
Empty Location
Unit Control
Secondary Unit ID: N
Weight Data N
Default Location RECVDOCK
Enter Cube Data N
Cycle Count Class
Catch Weight N L

```
A=Empty maximum Loc.    C=Pick-Line      E=FIFO Date   Z=Bulk then Pick-Line
B=Find exact fit first  D=Loc code Seq   Q=Query Loc   N=No Location Allocation
```



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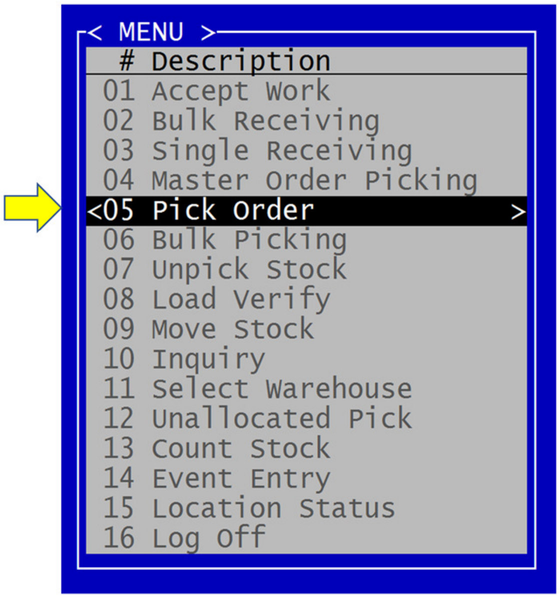
Allocated Picking

- ☐ Process Flow (Continued):
  - 2. Location Reservation (Continued):
    - ✓ Why might a printed Pick Slip be useful if I use RF?
      - Back-up (i.e. If RF is down, all devices used, etc.)
      - Work Assignment (e.g. Supervisor gives to Picker)
      - Capture Information (e.g. Client Specific Data, Remarks, etc.)
      - Audit (e.g. To record/identify Picker, Loader, Inspector, etc.)
      - Order Identification (e.g. Attach to physical stock)

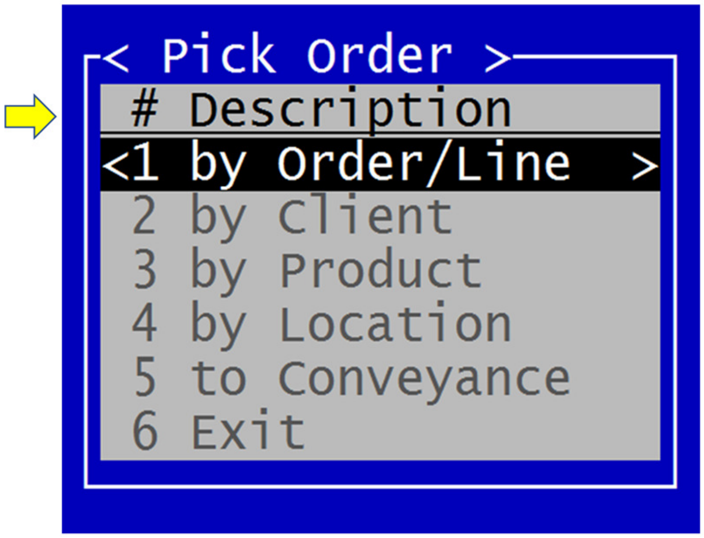
Allocated Picking

- ☐ Process Flow:
  - 3. Picking:
    - ✓ Pick Order (RF.01)

Allocated Picking
Option for Pick Order


< MENU >
# Description
01 Accept Work
02 Bulk Receiving
03 Single Receiving
04 Master Order Picking
<05 Pick Order >
06 Bulk Picking
07 Unpick Stock
08 Load Verify
09 Move Stock
10 Inquiry
11 Select Warehouse
12 Unallocated Pick
13 Count Stock
14 Event Entry
15 Location Status
16 Log Off

Allocated Picking
Picking/Selection Sequence



```
< Pick Order >
 # Description
<1 by Order/Line  >
 2 by Client
 3 by Product
 4 by Location
 5 to Conveyance
 6 Exit
```

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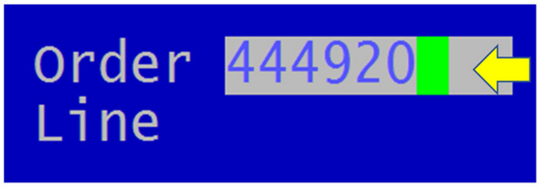
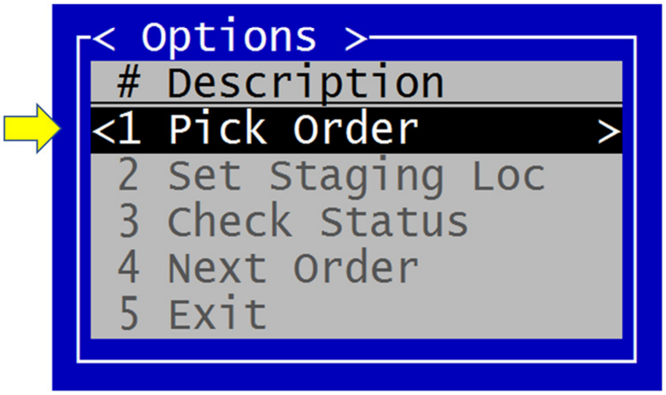
Allocated Picking
Order Selection and Action

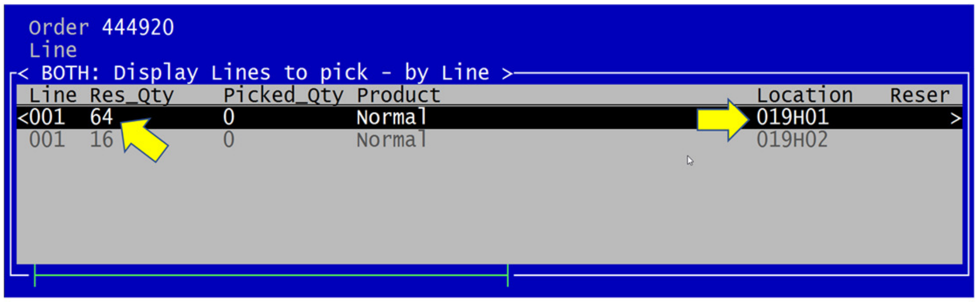


```
Order 444920
Line
```



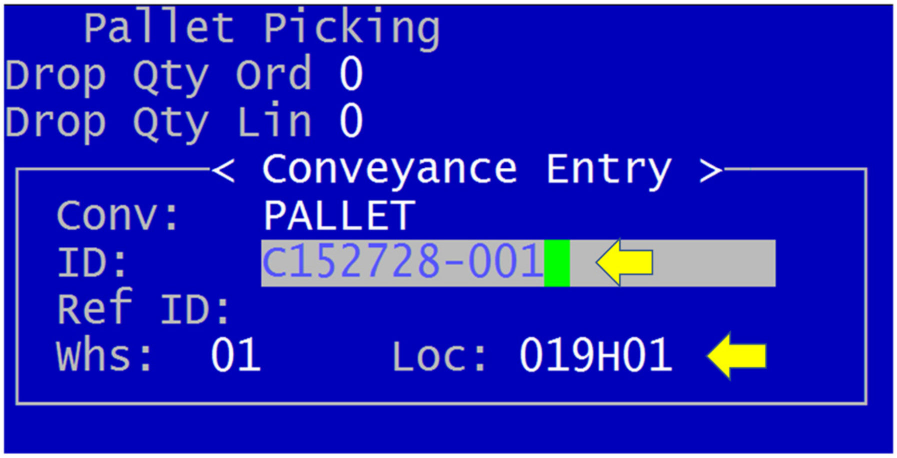
```
< Options >
 # Description
<1 Pick Order         >
 2 Set Staging Loc
 3 Check Status
 4 Next Order
 5 Exit
```

Allocated Picking
Order Line/Location Selection



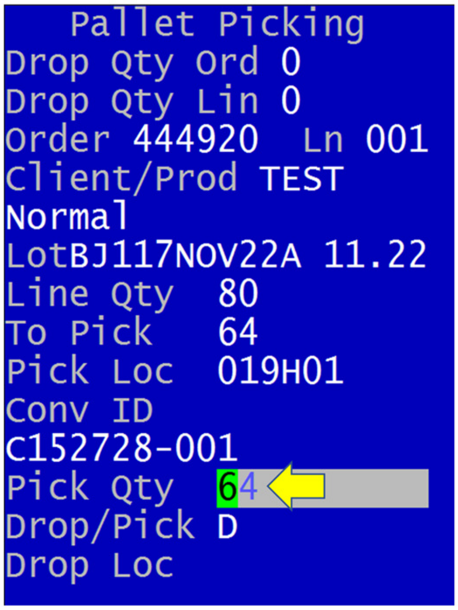
```
 Order 444920
 Line
< BOTH: Display Lines to pick - by Line >
 Line Res_Qty     Picked_Qty Product                          Location    Reser
<001  64          0          Normal                           019H01          >
 001  16          0          Normal                           019H02
```

Allocated Picking
Conveyance ID Selection



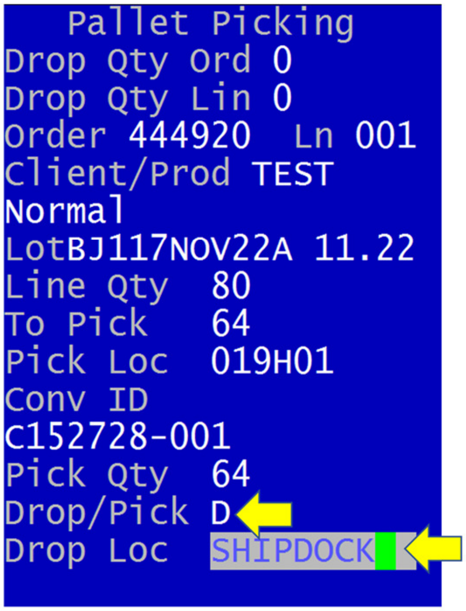
```
   Pallet Picking
Drop Qty Ord 0
Drop Qty Lin 0
 ───────────< Conveyance Entry >─────────
   Conv:     PALLET
   ID:       C152728-001
   Ref ID:
   Whs:   01       Loc:  019H01
```

Allocated Picking
Entry of Picked Quantity



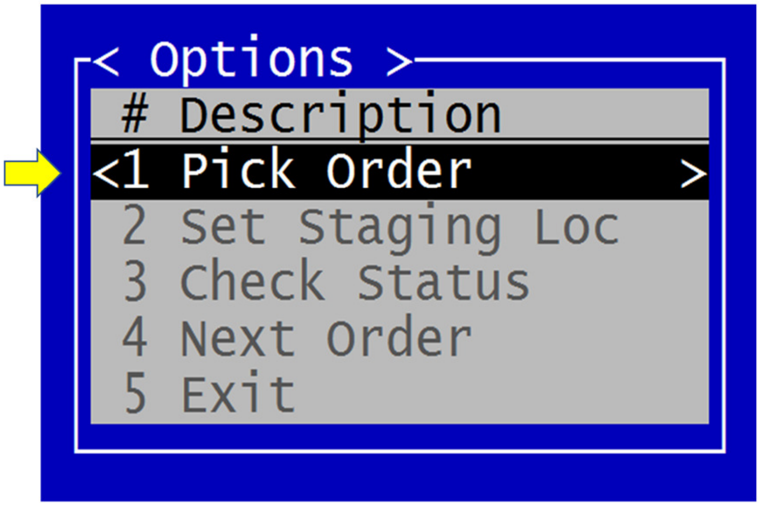
```
   Pallet Picking
Drop Qty Ord 0
Drop Qty Lin 0
Order 444920  Ln 001
Client/Prod TEST
Normal
LotBJ117NOV22A 11.22
Line Qty   80
To Pick    64
Pick Loc   019H01
Conv ID
C152728-001
Pick Qty   64
Drop/Pick D
Drop Loc
```

Allocated Picking
Drop of Picked Stock to Staging Location



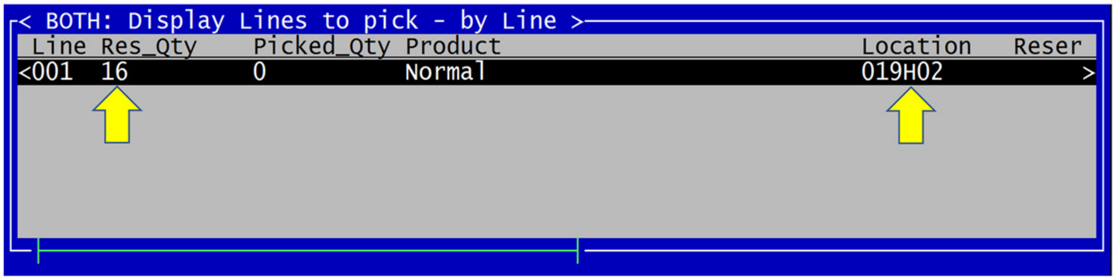
```
  Pallet Picking
Drop Qty Ord 0
Drop Qty Lin 0
Order 444920  Ln 001
Client/Prod TEST
Normal
LotBJ117NOV22A 11.22
Line Qty   80
To Pick    64
Pick Loc   019H01
Conv ID
C152728-001
Pick Qty   64
Drop/Pick D
Drop Loc   SHIPDOCK
```

Allocated Picking
Selection of Next Action



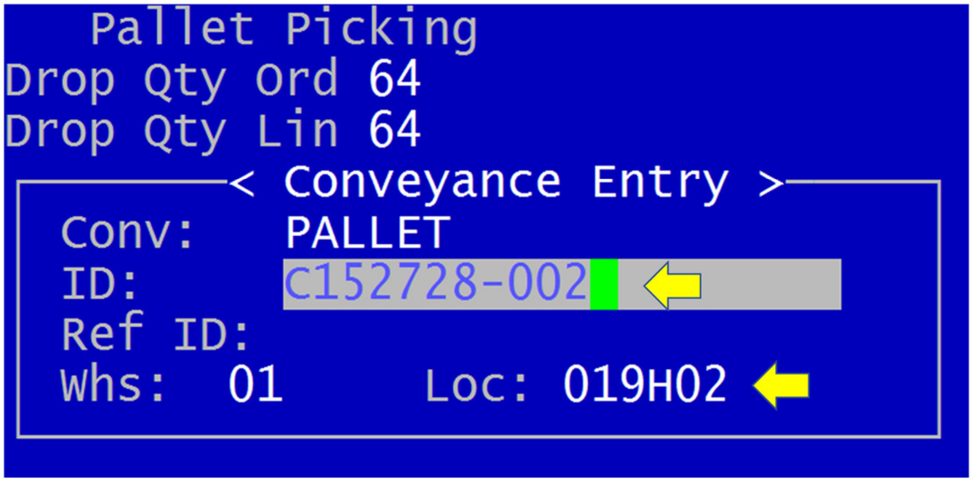
```
┌< Options >──────────────────┐
 # Description
<1 Pick Order               >
 2 Set Staging Loc
 3 Check Status
 4 Next Order
 5 Exit
└─────────────────────────────┘
```

Allocated Picking
Order Line/Location Selection



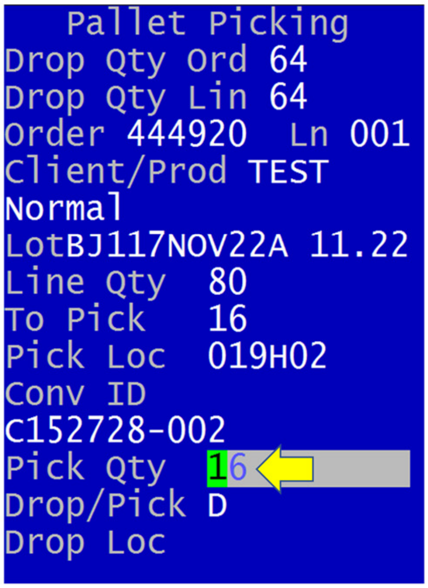
```
< BOTH: Display Lines to pick - by Line >
 Line Res_Qty    Picked_Qty Product                        Location     Reser
<001  16         0          Normal                         019H02           >
```

Allocated Picking
Conveyance ID Selection



```
   Pallet Picking
Drop Qty Ord 64
Drop Qty Lin 64
 ────────────< Conveyance Entry >────────────
  Conv:     PALLET
  ID:       C152728-002
  Ref ID:
  Whs:   01      Loc: 019H02
```

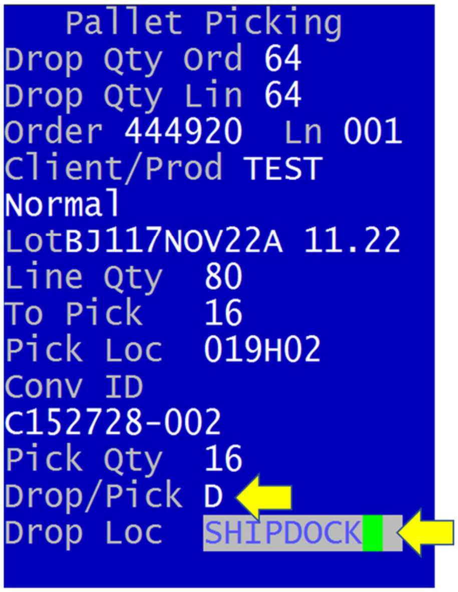
Allocated Picking
Entry of Picked Quantity



```
   Pallet Picking
Drop Qty Ord 64
Drop Qty Lin 64
Order 444920  Ln 001
Client/Prod TEST
Normal
LotBJ117NOV22A 11.22
Line Qty   80
To Pick    16
Pick Loc   019H02
Conv ID
C152728-002
Pick Qty   16
Drop/Pick D
Drop Loc
```

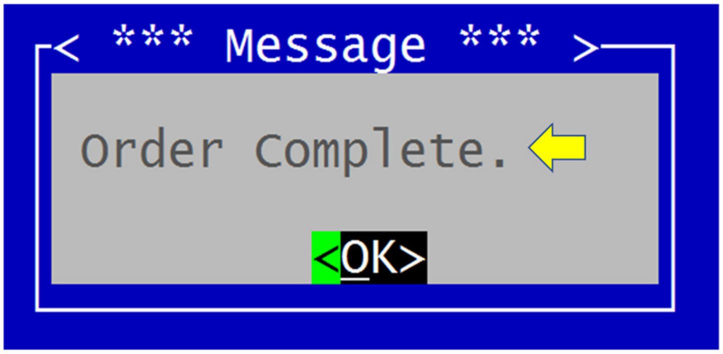
Allocated Picking

Drop of Picked Stock to Staging Location



```
   Pallet Picking
Drop Qty Ord 64
Drop Qty Lin 64
Order 444920  Ln 001
Client/Prod TEST
Normal
LotBJ117NOV22A 11.22
Line Qty   80
To Pick    16
Pick Loc   019H02
Conv ID
C152728-002
Pick Qty   16
Drop/Pick D
Drop Loc   SHIPDOCK
```

Allocated Picking
Pick Completion Message



< *** Message *** >

Order Complete.

Allocated Picking

☐ Configuration:

- Can RF Users be restricted to specific Picking Tasks?
  - ✓ Pick Order – Usage (RF.91)
  - ✓ Picking Method Selection Options (RF.91)
    - By Order Line
    - By Client
    - By Product
    - By Location

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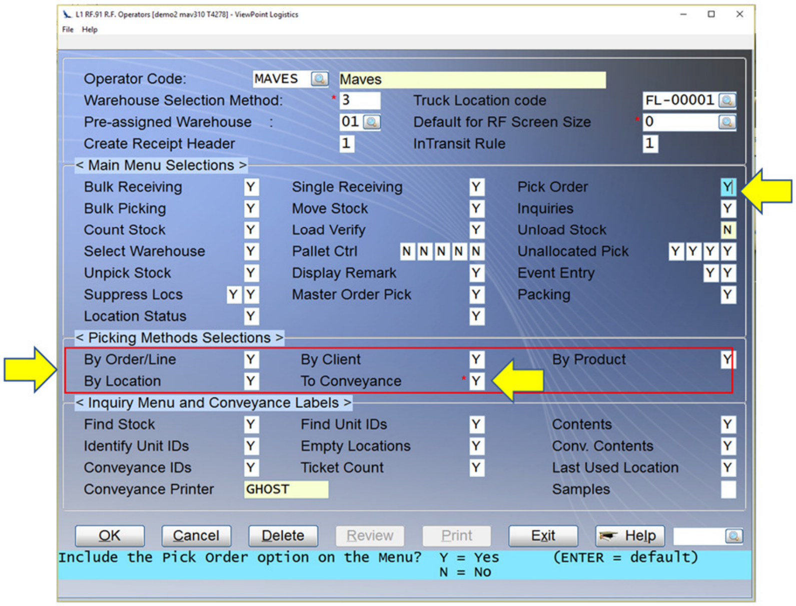
Allocated Picking

❑ Configuration (Continued):

- Can the RF User pick stock to an identified Pallet?
  - ✓ Picking Method Selection Options (RF.91)
    - To Conveyance
- What are the benefits of picking to a “Shipment Conveyance” (a.k.a. Rainbow Pallet)?
  - ✓ Stock Contents available for EDI (e.g. 945/856)
  - ✓ EDI may be sent to Order’s Customer/Consignee/Ship-To
  - ✓ Consignee scans ID to compare/validate expected vs actual to minimize time/cost to receive goods into their inventory

Allocated Picking
Pick Options by RF User (RF.91)


L1 RF.91 R.F. Operators [demo2 mav310 T4278] - ViewPoint Logistics
File
Help
OK
Cancel
Delete
Review
Print
Exit
Help

Operator Code: MAVES Maves
Warehouse Selection Method: * 3
Truck Location code: FL-00001
Pre-assigned Warehouse : 01
Default for RF Screen Size: * 0
Create Receipt Header: 1
InTransit Rule: 1

< Main Menu Selections >

Bulk Receiving	Y	Single Receiving	Y	Pick Order	Y
Bulk Picking	Y	Move Stock	Y	Inquiries	Y
Count Stock	Y	Load Verify	Y	Unload Stock	N
Select Warehouse	Y	Pallet Ctrl	N N N N N	Unallocated Pick	Y Y Y Y
Unpick Stock	Y	Display Remark	Y	Event Entry	Y Y
Suppress Locs	Y Y	Master Order Pick	Y	Packing	Y
Location Status	Y				

< Picking Methods Selections >

By Order/Line	Y	By Client	Y	By Product	Y
By Location	Y	To Conveyance	* Y		

< Inquiry Menu and Conveyance Labels >

Find Stock	Y	Find Unit IDs	Y	Contents	Y
Identify Unit IDs	Y	Empty Locations	Y	Conv. Contents	Y
Conveyance IDs	Y	Ticket Count	Y	Last Used Location	Y
Conveyance Printer	GHOST			Samples	

```
Include the Pick Order option on the Menu?  Y = Yes      (ENTER = default)
                                            N = No
```

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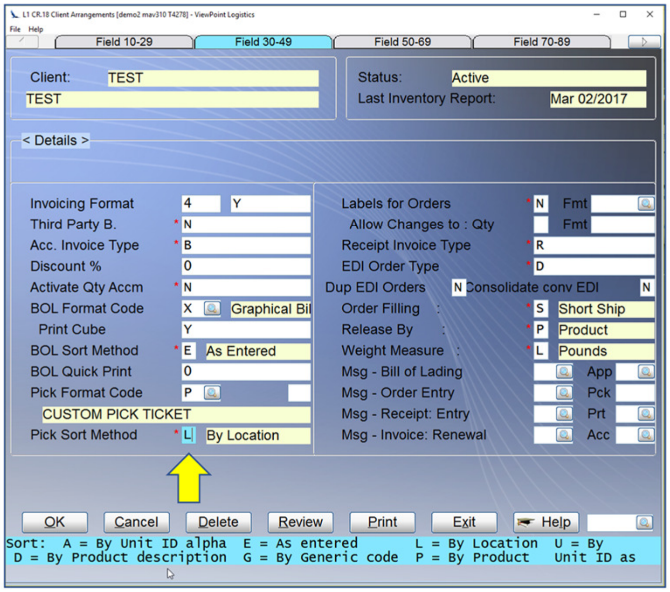
Allocated Picking

- Configuration (Continued):
  - Can the RF device display the Sequence in which to pick the Order?
    - ✓ Pick Slip Sort Method (CR.18)
      - L = By Location
    - ✓ Location Sequence Codes (SL.90)
  - What are the benefits of Location Sequence Picking?
    - ✓ Minimizes labor/picking time/cost)

Pick Slip Sort Method
(CR.18 – Field # 39)

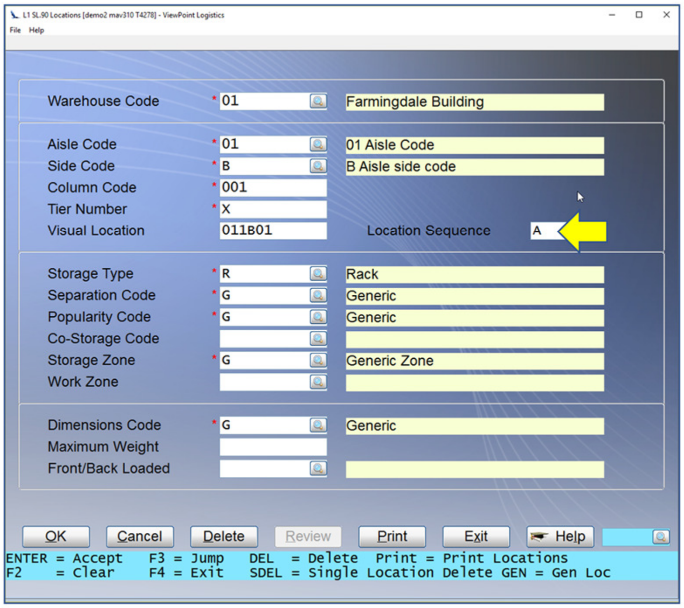

L1 CR.18 Client Arrangements [demo2 mav310 T4278] - ViewPoint Logistics
File
Help
Field 10-29
Field 30-49
Field 50-69
Field 70-89
< Details >
OK
Cancel
Delete
Review
Print
Exit
Help

Client: TEST
TEST
Status: Active
Last Inventory Report: Mar 02/2017

Invoicing Format	4 Y	Labels for Orders	* N	Fmt
Third Party B.	* N	Allow Changes to : Qty		Fmt
Acc. Invoice Type	* B	Receipt Invoice Type	* R	
Discount %	0	EDI Order Type	* D	
Activate Qty Accm	* N	Dup EDI Orders	N	Consolidate conv EDI N
BOL Format Code	X Graphical Bil	Order Filling :	* S	Short Ship
Print Cube	Y	Release By :	* P	Product
BOL Sort Method	* E As Entered	Weight Measure :	* L	Pounds
BOL Quick Print	0	Msg - Bill of Lading		App
Pick Format Code	P	Msg - Order Entry		Pck
CUSTOM PICK TICKET		Msg - Receipt: Entry		Prt
Pick Sort Method	* L By Location	Msg - Invoice: Renewal		Acc

```
Sort:  A = By Unit ID alpha  E = As entered       L = By Location  U = By
 D = By Product description  G = By Generic code  P = By Product   Unit ID as
```

Location Sequence Codes
(SL.90 – Field # 7)



L1 SL.90 Locations [demo2 mav310 T4278] - ViewPoint Logistics

Warehouse Code	* 01	Farmingdale Building
Aisle Code	* 01	01 Aisle Code
Side Code	* B	B Aisle side code
Column Code	* 001	
Tier Number	* X	
Visual Location	011B01	Location Sequence A
Storage Type	* R	Rack
Separation Code	* G	Generic
Popularity Code	* G	Generic
Co-Storage Code		
Storage Zone	* G	Generic Zone
Work Zone		
Dimensions Code	* G	Generic
Maximum Weight		
Front/Back Loaded		

```
ENTER = Accept    F3 = Jump   DEL  = Delete  Print = Print Locations
F2    = Clear     F4 = Exit   SDEL = Single Location Delete GEN = Gen Loc
```

MAVES
3PL Made Visible

Unallocated Picking

❑Overview:

- Business Case:
  - ✓ When is it typically used?
    - Strict Stock Rotation (e.g. F.I.F.O.) is NOT required by Client
    - Stock is fast-moving/high-turnover and/or long shelf life
    - Use of Bulk Locations (with Multiple Pallets). Oldest stock is NOT readily accessible for picking
- Application Scope/Usage:
  - ✓ How does it work?
    - RF Picker must select a Lot within a defined “Pick Window”
      - ➢ Window is X Days from the Product’s Oldest Lot
        - o e.g. based on a Lot Component set to Receipt Date
      - ➢ Picker can’t select ”newer” stock outside the Window
    - System displays Locations with valid stock and previews their contents
    - Full Pallet Quantities may be picked from Bulk. Less from Pickline
    - Shipment Conveyances may be used to hold stock from a Pickline

MAVES
3PL Made Visible

Unallocated Picking

❑ Overview:

- Scenarios:
  - What Order requests/scenarios does it support?
    - ✓ Any Lot within the Pick Window
    - ✓ A Lot with matching requested Component Values
    - ✓ A Specific Lot (Stock resides in Multiple Locations)
    - ✓ Oldest Lot (Pick Window = 0 Days. Stock in Multiple Locations)
- Benefits:
  - ✓ Enables Users to plan/pick more accessible stock
  - ✓ Minimizes # Less than Full Pallets (e.g. to 1 in Pickline)
  - ✓ Multiple Users/Equip pick Order (i.e. from Bulk/Pickline)
  - ✓ Reduces Labor Time/Cost to pick Orders

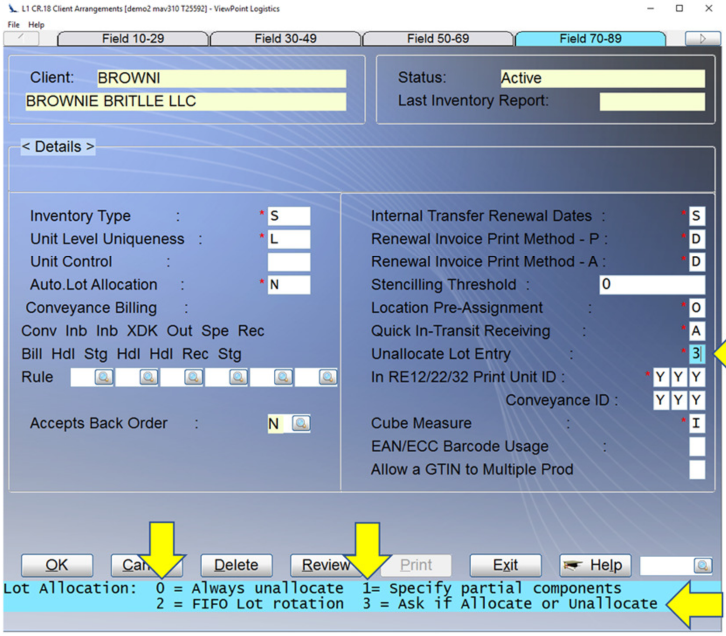
Unallocated Picking

- ☐ Process Flow:
  - Does the Order Process change?
    - ✓ Steps:
      - 1. NO Lot Allocation (via OE.01 Create Order)
      - 2. NO Location Reservation (via OE.03 Print Pick Slip)
      - 3. Unallocated Picking (via RF.01)

Unallocated Picking

- ❑ Process Flow:
  - 1. NO Lot Allocation (via OE.01 Create Order):
    - ✓ What displays in the Lot when an Order is created in OE.01?
      - Typically, it is the Lot “Unallocated” which has NO stock
      - This Lot serves as “Placeholder” until replaced by the selected Lot(s) during RF Unallocated Picking
    - ✓ Are Deferred Orders required for Unallocated Picking?
      - Optional: Deferred Orders (OE.01/95/91)
      - Mandatory: Regular Order – Unallocated Lots (OE.01)
        - ➢ Created as a result of OE.91 Deferred Order Committal, or
        - ➢ Created directly (no Deferred Order was created/required)
    - ✓ Where/how is the use of Unallocated Lots activated?
      - Lot Allocation for Order – Client Rule (CR.18)

No Lot Allocation for Order – Client Rule
(CR.18 – Field # 86 = “0” “1” or “3”)


L1 CR.18 Client Arrangements [demo2 mav310 T25592] - ViewPoint Logistics
File
Help
Field 10-29
Field 30-49
Field 50-69
Field 70-89
< Details >
OK
Can
Delete
Review
Print
Exit
Help

Client: BROWNI
BROWNIE BRITLLE LLC
Status: Active
Last Inventory Report:

Inventory Type : * S
Unit Level Uniqueness : * L
Unit Control :
Auto.Lot Allocation : * N
Conveyance Billing :

Conv	Inb	Inb	XDK	Out	Spe	Rec
Bill	Hdl	Stg	Hdl	Hdl	Rec	Stg
Rule						

Accepts Back Order : N

Internal Transfer Renewal Dates : * S
Renewal Invoice Print Method - P : * D
Renewal Invoice Print Method - A : * D
Stencilling Threshold : 0
Location Pre-Assignment : * O
Quick In-Transit Receiving : * A
Unallocate Lot Entry : * 3
In RE12/22/32 Print Unit ID : * Y Y Y
Conveyance ID : Y Y Y
Cube Measure : * I
EAN/ECC Barcode Usage :
Allow a GTIN to Multiple Prod

```
Lot Allocation:  0 = Always unallocate  1= Specify partial components
                 2 = FIFO Lot rotation  3 = Ask if Allocate or Unallocate
```

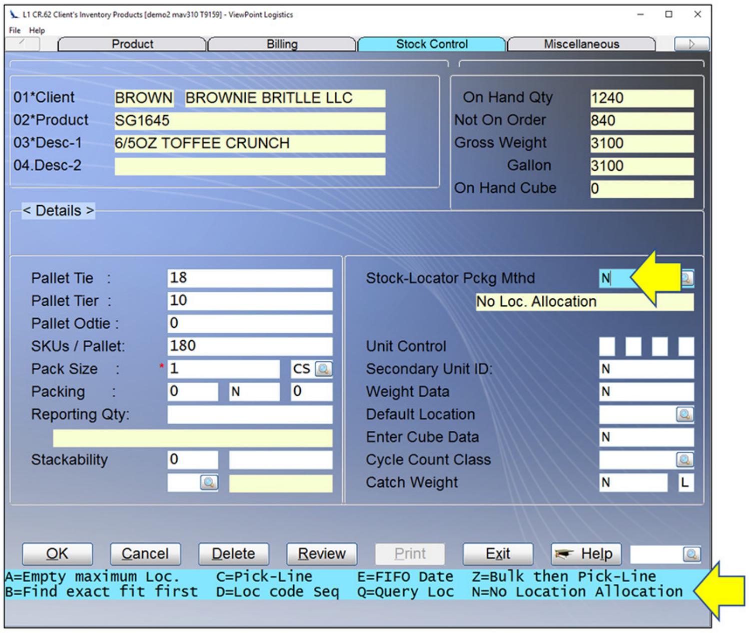
MAVES
3PL Made Visible

Unallocated Picking

❑Process Flow:

- 2. NO Location Reservation (via Pick Slip):
  - ✓ What process prints the Pick Slip?
    - Print Pick Slip (OE.03)
      - ➢ Lot displays as “Unallocated” on Pick Slip
      - ➢ Location displays as “Unallocated ” on Pick Slip
  - ✓ If NO Locations are reserved why print a Pick Slip?
    - Back-up (i.e. Prints Products. In case RF is down, all devices used, etc.)
    - Work Assignment (e.g. Supervisor gives to Picker to start picking)
    - Capture Information (e.g. Client Specific Data, Remarks, etc.)
    - Audit (e.g. Signature of Picker, Loader, Inspector, etc.)
    - Order Identification (Attached to physical stock)
  - ✓ How is the Location Reservation “prevented”?
    - Stock Location Picking Method (CR.62)
      - ➢ N = No Location Allocation

Stock Location Reservation Method
(CR.62 – Field # 60 = "N")



L1 CR.62 Client's Inventory Products [demo2 mav310 T9159] - ViewPoint Logistics
File
Help
Product
Billing
Stock Control
Miscellaneous
< Details >
OK
Cancel
Delete
Review
Print
Exit
Help

01*Client: BROWN BROWNIE BRITLLE LLC
02*Product: SG1645
03*Desc-1: 6/5OZ TOFFEE CRUNCH
04.Desc-2:

On Hand Qty: 1240
Not On Order: 840
Gross Weight: 3100
Gallon: 3100
On Hand Cube: 0

Pallet Tie : 18
Pallet Tier : 10
Pallet Odtie : 0
SKUs / Pallet: 180
Pack Size : 1 CS
Packing : 0 N 0
Reporting Qty:
Stackability: 0

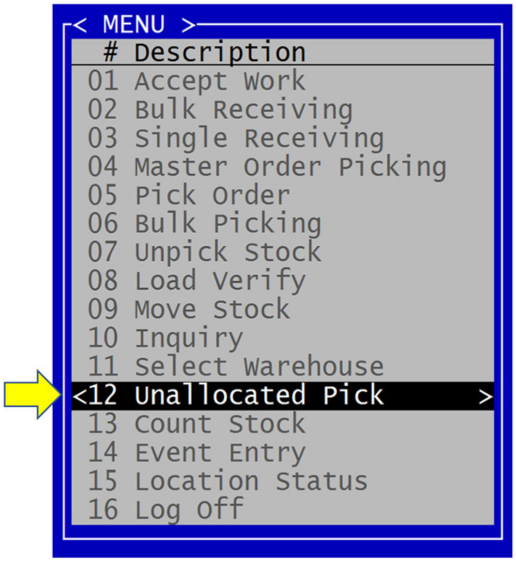
Stock-Locator Pckg Mthd: N
No Loc. Allocation
Unit Control:
Secondary Unit ID: N
Weight Data: N
Default Location:
Enter Cube Data: N
Cycle Count Class:
Catch Weight: N L

```
A=Empty maximum Loc.    C=Pick-Line     E=FIFO Date   Z=Bulk then Pick-Line
B=Find exact fit first  D=Loc code Seq  Q=Query Loc   N=No Location Allocation
```

Unallocated Picking

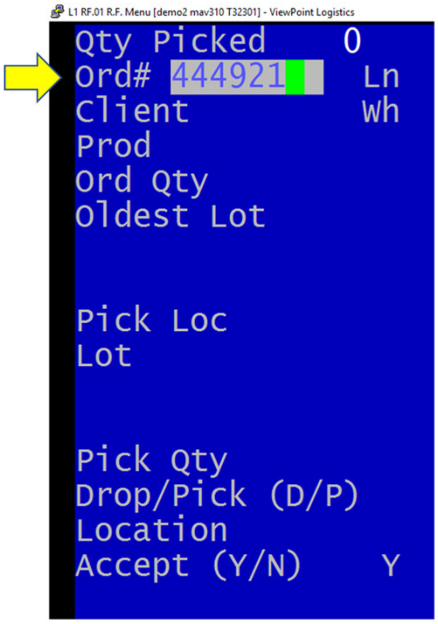
- ❑ Process Flow:
  - 3. Unallocated Picking:
    - ✓ Unallocated Picking (RF.01)

Unallocated Picking
Select Unallocated Picking Option



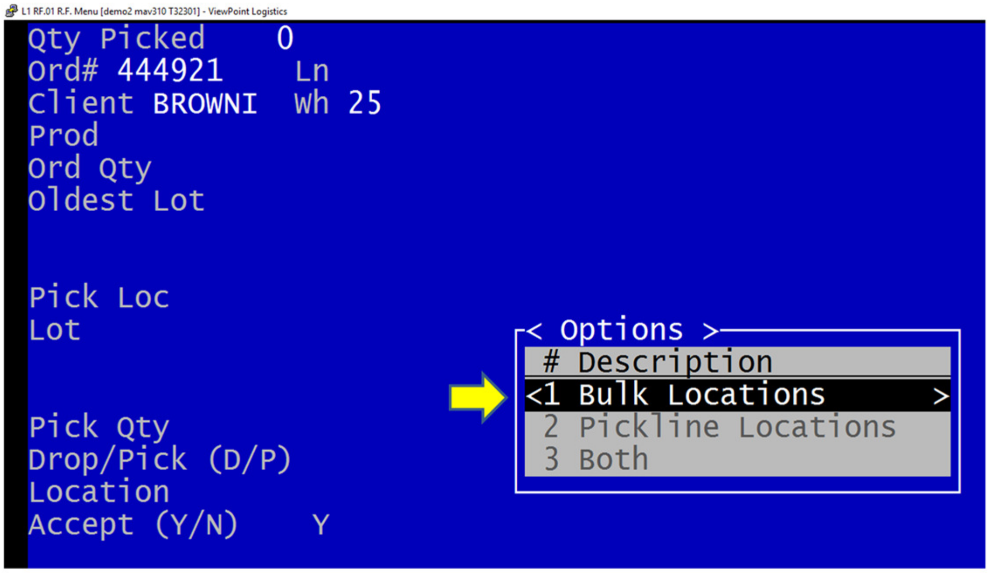
```
< MENU >
 # Description
01 Accept Work
02 Bulk Receiving
03 Single Receiving
04 Master Order Picking
05 Pick Order
06 Bulk Picking
07 Unpick Stock
08 Load Verify
09 Move Stock
10 Inquiry
11 Select Warehouse
<12 Unallocated Pick          >
13 Count Stock
14 Event Entry
15 Location Status
16 Log Off
```

Unallocated Picking
Select Order to Pick


L1 RF.01 R.F. Menu [demo2 mav310 T32301] - ViewPoint Logistics

```
Qty Picked      0
Ord# 444921      Ln
Client           Wh
Prod
Ord Qty
Oldest Lot


Pick Loc
Lot


Pick Qty
Drop/Pick (D/P)
Location
Accept (Y/N)     Y
```

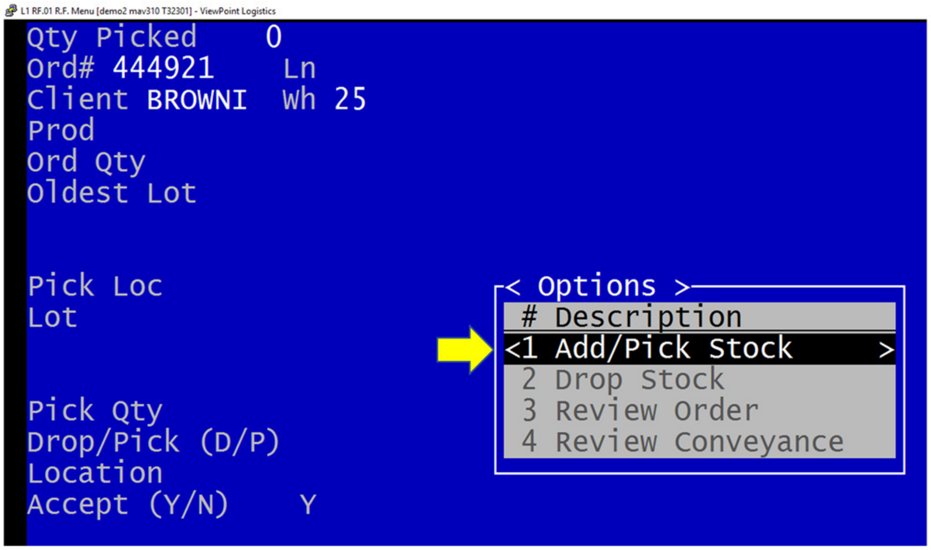
Unallocated Picking
Select Bulk Type of Picking
(i.e. Full Pallets from Bulk Locations)



L1 RF.01 R.F. Menu [demo2 mav310 T32301] - ViewPoint Logistics

```
Qty Picked    0
Ord# 444921    Ln
Client BROWNI  Wh 25
Prod
Ord Qty
Oldest Lot


Pick Loc
Lot                                  ┌< Options >──────────────────┐
                                     │ # Description               │
                                     │<1 Bulk Locations           >│
Pick Qty                             │ 2 Pickline Locations        │
Drop/Pick (D/P)                      │ 3 Both                      │
Location                             └─────────────────────────────┘
Accept (Y/N)     Y
```

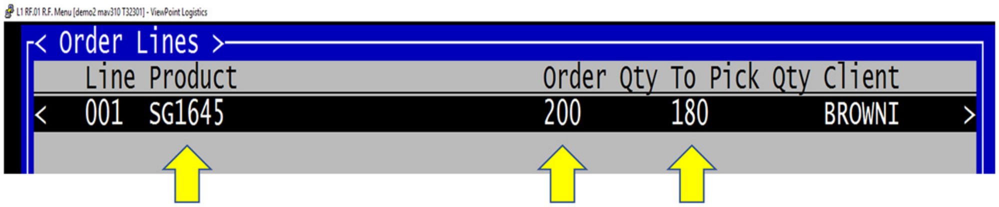
Unallocated Picking
Choose Next Action to Perform



L1 RF.01 R.F. Menu [demo2 mav310 T32301] - ViewPoint Logistics

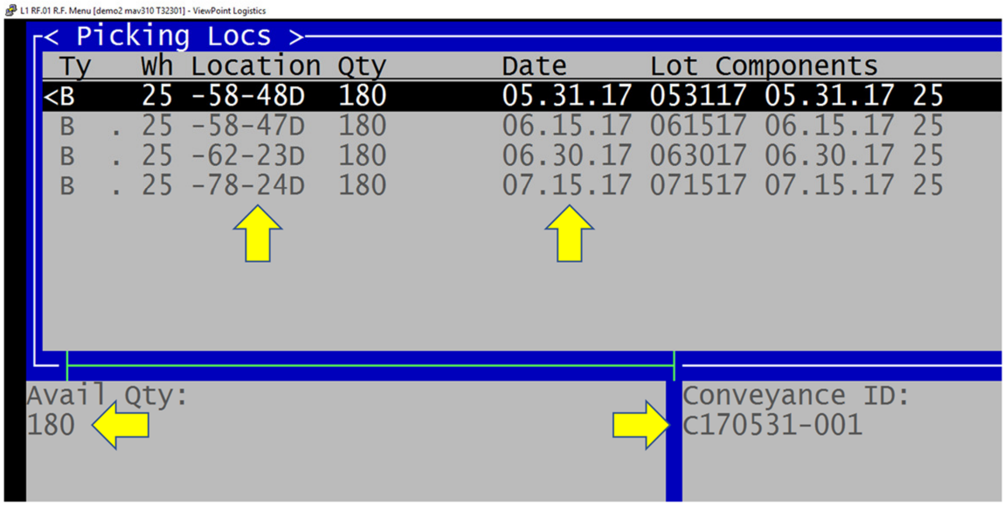
```
Qty Picked     0
Ord# 444921     Ln
Client BROWNI   Wh 25
Prod
Ord Qty
Oldest Lot


Pick Loc                                  ┌< Options >──────────────────┐
Lot                                       │ # Description               │
                                          │<1 Add/Pick Stock           >│
                                          │ 2 Drop Stock                │
Pick Qty                                  │ 3 Review Order              │
Drop/Pick (D/P)                           │ 4 Review Conveyance         │
Location                                  └─────────────────────────────┘
Accept (Y/N)     Y
```

Unallocated Picking
Select Order Line to Pick



```
L1 RF.01 R.F. Menu [demo2 mav310 T32301] - ViewPoint Logistics
< Order Lines >
    Line Product                       Order Qty To Pick Qty Client
<   001  SG1645                        200       180         BROWNI    >
```

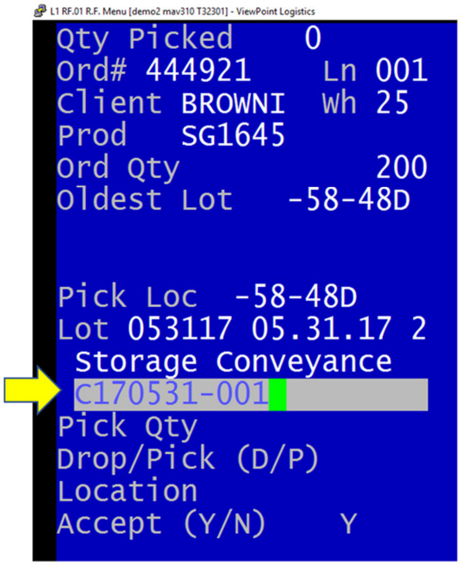
Unallocated Picking
Select Location (from which to Pick Stock)



L1 RF.01 R.F. Menu [demo2 mav310 T32301] - ViewPoint Logistics

```
< Picking Locs >
 Ty    Wh Location Qty        Date      Lot Components
<B     25 -58-48D  180        05.31.17 053117 05.31.17 25
 B   . 25 -58-47D  180        06.15.17 061517 06.15.17 25
 B   . 25 -62-23D  180        06.30.17 063017 06.30.17 25
 B   . 25 -78-24D  180        07.15.17 071517 07.15.17 25

Avail Qty:                              Conveyance ID:
180                                     C170531-001
```

Unallocated Picking
Select Storage Conveyance
(from which stock was Picked)

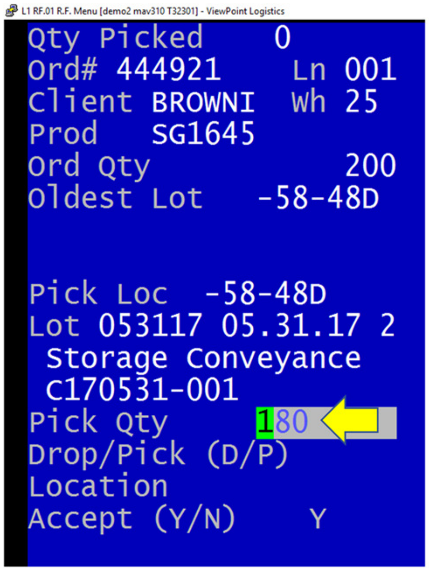


L1 RF.01 R.F. Menu [demo2 mav310 T32301] - ViewPoint Logistics

```
Qty Picked     0
Ord# 444921     Ln 001
Client BROWNI   Wh 25
Prod   SG1645
Ord Qty              200
Oldest Lot   -58-48D


Pick Loc  -58-48D
Lot 053117 05.31.17 2
 Storage Conveyance
 C170531-001
Pick Qty
Drop/Pick (D/P)
Location
Accept (Y/N)     Y
```

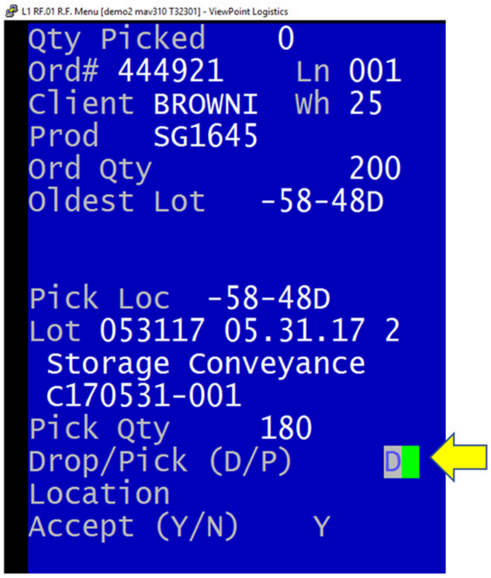
Unallocated Picking

Enter Quantity Picked (from Storage Conveyance)


L1 RF.01 R.F. Menu [demo2 mav310 T32301] - ViewPoint Logistics

```
Qty Picked     0
Ord# 444921     Ln 001
Client BROWNI   Wh 25
Prod   SG1645
Ord Qty             200
Oldest Lot   -58-48D


Pick Loc  -58-48D
Lot 053117 05.31.17 2
 Storage Conveyance
 C170531-001
Pick Qty        180
Drop/Pick (D/P)
Location
Accept (Y/N)     Y
```

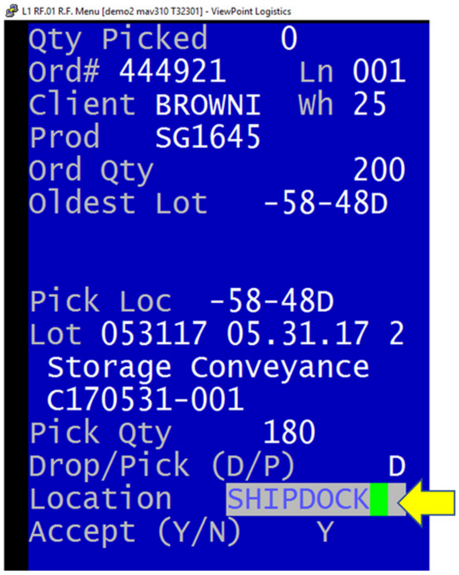
Unallocated Picking
Perform Drop Action (of Storage Conveyance)



L1 RF.01 R.F. Menu [demo2 mav310 T32301] - ViewPoint Logistics

```
Qty Picked    0
Ord# 444921    Ln 001
Client BROWNI  Wh 25
Prod   SG1645
Ord Qty            200
Oldest Lot   -58-48D


Pick Loc  -58-48D
Lot 053117 05.31.17 2
 Storage Conveyance
 C170531-001
Pick Qty     180
Drop/Pick (D/P)     D
Location
Accept (Y/N)     Y
```

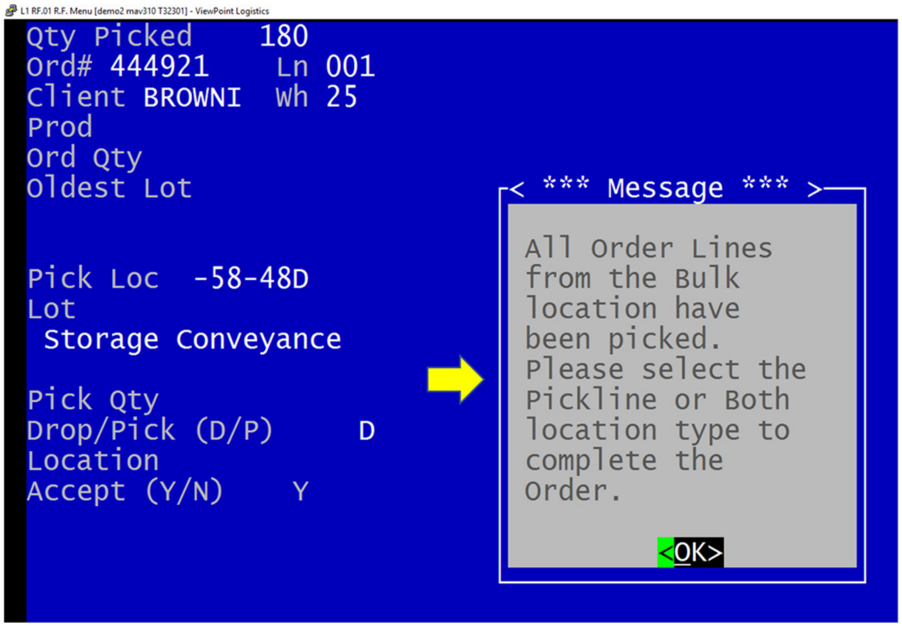
Unallocated Picking
Select Drop Location (for Storage Conveyance)



L1 RF.01 R.F. Menu [demo2 mav310 T32301] - ViewPoint Logistics

```
Qty Picked     0
Ord# 444921     Ln 001
Client BROWNI   Wh 25
Prod   SG1645
Ord Qty             200
Oldest Lot   -58-48D


Pick Loc  -58-48D
Lot 053117 05.31.17 2
 Storage Conveyance
 C170531-001
Pick Qty      180
Drop/Pick (D/P)     D
Location    SHIPDOCK
Accept (Y/N)     Y
```

Unallocated Picking
Message: Bulk Picking Complete



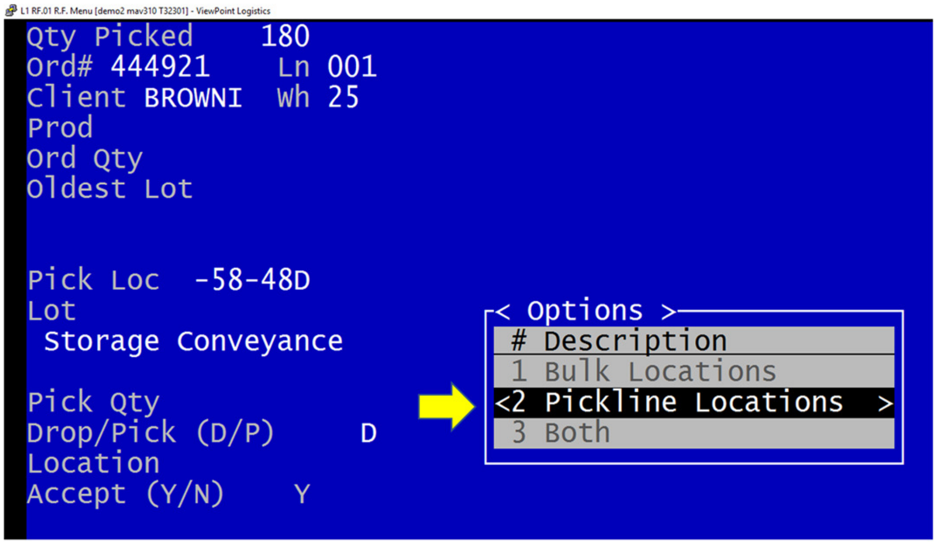
L1 RF.01 R.F. Menu [demo2 mav310 T32301] - ViewPoint Logistics

```
Qty Picked     180
Ord# 444921     Ln 001
Client BROWNI   Wh 25
Prod
Ord Qty
Oldest Lot
```

```
Pick Loc  -58-48D
Lot
 Storage Conveyance

Pick Qty
Drop/Pick (D/P)     D
Location
Accept (Y/N)    Y
```

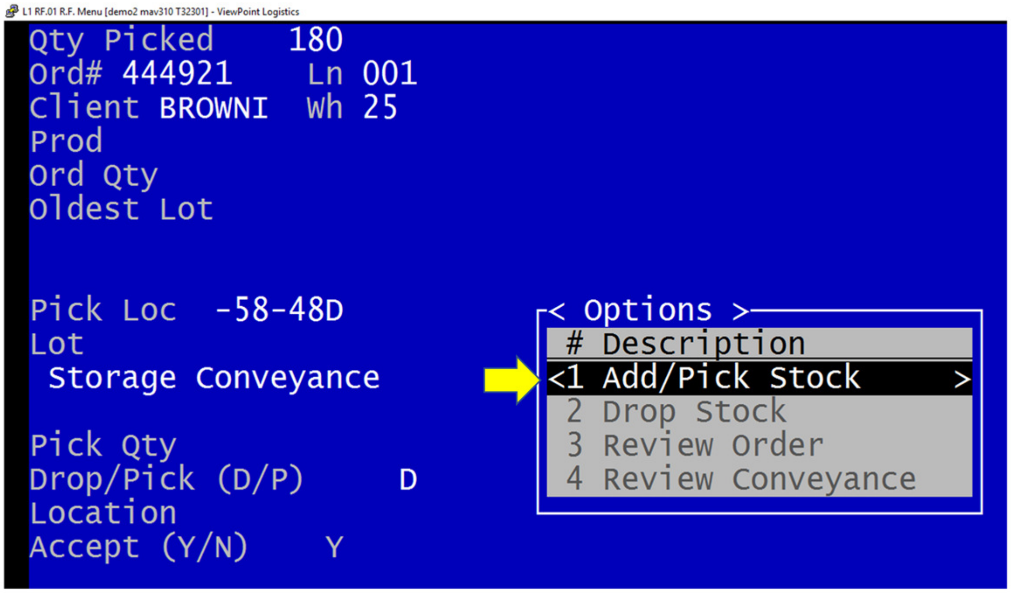
```
< *** Message *** >
All Order Lines
from the Bulk
location have
been picked.
Please select the
Pickline or Both
location type to
complete the
Order.

<OK>
```

Unallocated Picking
Select Pickline Type of Picking
(i.e. Less than Full Pallets from Pickline Locations)


L1 RF.01 R.F. Menu [demo2 mav310 T32301] - ViewPoint Logistics

```
Qty Picked     180
Ord# 444921    Ln 001
Client BROWNI  Wh 25
Prod
Ord Qty
Oldest Lot


Pick Loc  -58-48D
Lot                          ┌< Options >──────────────┐
 Storage Conveyance          │ # Description           │
                             │ 1 Bulk Locations        │
Pick Qty                     │<2 Pickline Locations  > │
Drop/Pick (D/P)     D        │ 3 Both                  │
Location                     └─────────────────────────┘
Accept (Y/N)    Y
```

Unallocated Picking
Choose Next Action to Perform

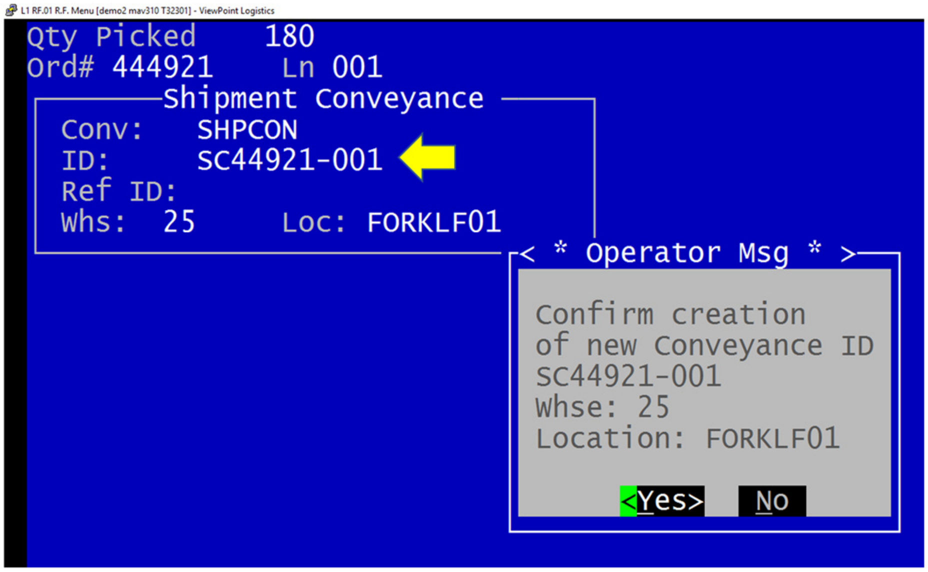


L1 RF.01 R.F. Menu [demo2 mav310 T32301] - ViewPoint Logistics

```
Qty Picked     180
Ord# 444921     Ln 001
Client BROWNI   Wh 25
Prod
Ord Qty
Oldest Lot


Pick Loc   -58-48D
Lot
 Storage Conveyance

Pick Qty
Drop/Pick (D/P)      D
Location
Accept (Y/N)     Y
```

< Options >
# Description
<1 Add/Pick Stock >
2 Drop Stock
3 Review Order
4 Review Conveyance

Unallocated Picking
Identify Empty/New Shipment Conveyance ID

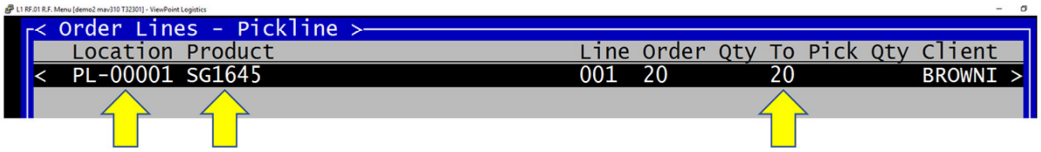


L1 RF.01 R.F. Menu [demo2 mav310 T32301] - ViewPoint Logistics

```
Qty Picked     180
Ord# 444921     Ln 001
  Shipment Conveyance
  Conv:    SHPCON
  ID:      SC44921-001
  Ref ID:
  Whs:  25       Loc: FORKLF01
                          < * Operator Msg * >
                           Confirm creation
                           of new Conveyance ID
                           SC44921-001
                           Whse: 25
                           Location: FORKLF01
```

Unallocated Picking

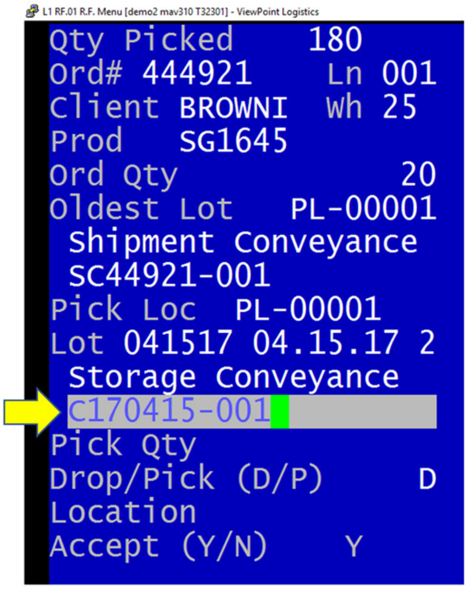
Select Order Line to Pick (from a Pickline Location)



L1 RF.01 R.F. Menu [demo2 mav310 T32301] - ViewPoint Logistics

```
< Order Lines - Pickline >
   Location Product                                    Line Order Qty To Pick Qty Client
<  PL-00001 SG1645                                     001  20          20           BROWNI >
```

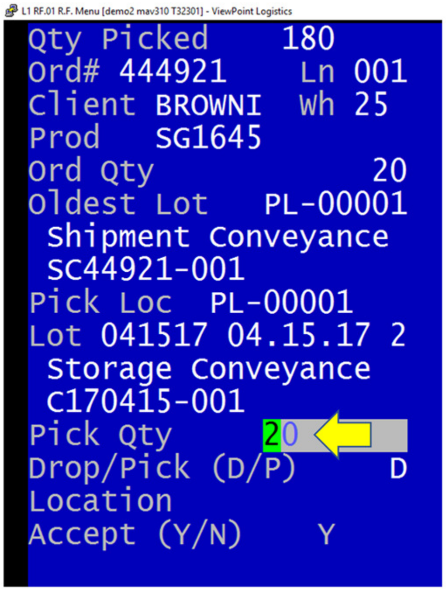
Unallocated Picking
Select Storage Conveyance (to Pick from)


L1 RF.01 R.F. Menu [demo2 mav310 T32301] - ViewPoint Logistics

```
Qty Picked    180
Ord# 444921    Ln 001
Client BROWNI  Wh 25
Prod   SG1645
Ord Qty             20
Oldest Lot   PL-00001
 Shipment Conveyance
 SC44921-001
Pick Loc   PL-00001
Lot 041517 04.15.17 2
 Storage Conveyance
 C170415-001
Pick Qty
Drop/Pick (D/P)      D
Location
Accept (Y/N)     Y
```

Unallocated Picking

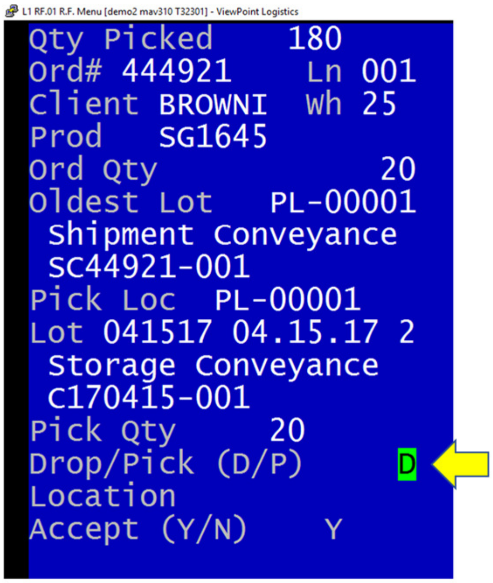
Enter Quantity Picked (from Storage Conveyance)



L1 RF.01 R.F. Menu [demo2 mav310 T32301] - ViewPoint Logistics

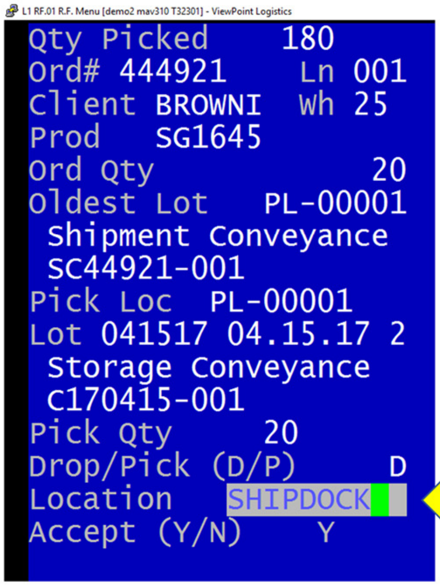
```
Qty Picked     180
Ord# 444921    Ln 001
Client BROWNI  Wh 25
Prod   SG1645
Ord Qty            20
Oldest Lot    PL-00001
 Shipment Conveyance
 SC44921-001
Pick Loc   PL-00001
Lot 041517 04.15.17 2
 Storage Conveyance
 C170415-001
Pick Qty       20
Drop/Pick (D/P)     D
Location
Accept (Y/N)    Y
```

Unallocated Picking
Perform Drop Action (of Shipment Conveyance)


L1 RF.01 R.F. Menu [demo2 mav310 T32301] - ViewPoint Logistics

```
Qty Picked     180
Ord# 444921     Ln 001
Client BROWNI   Wh 25
Prod   SG1645
Ord Qty                20
Oldest Lot    PL-00001
 Shipment Conveyance
 SC44921-001
Pick Loc   PL-00001
Lot 041517 04.15.17 2
 Storage Conveyance
 C170415-001
Pick Qty      20
Drop/Pick (D/P)       D
Location
Accept (Y/N)     Y
```

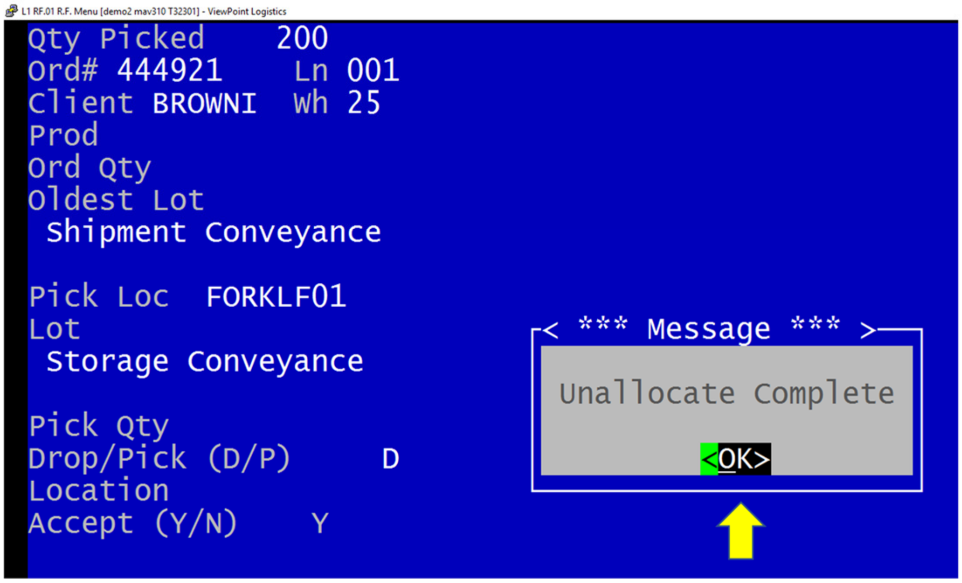
Unallocated Picking
Select Drop Location (for Shipment Conveyance)



L1 RF.01 R.F. Menu [demo2 mav310 T32301] - ViewPoint Logistics

```
Qty Picked     180
Ord# 444921    Ln 001
Client BROWNI  Wh 25
Prod   SG1645
Ord Qty             20
Oldest Lot    PL-00001
 Shipment Conveyance
 SC44921-001
Pick Loc  PL-00001
Lot 041517 04.15.17 2
 Storage Conveyance
 C170415-001
Pick Qty      20
Drop/Pick (D/P)     D
Location   SHIPDOCK
Accept (Y/N)     Y
```

Unallocated Picking
Message: Order Picking Complete



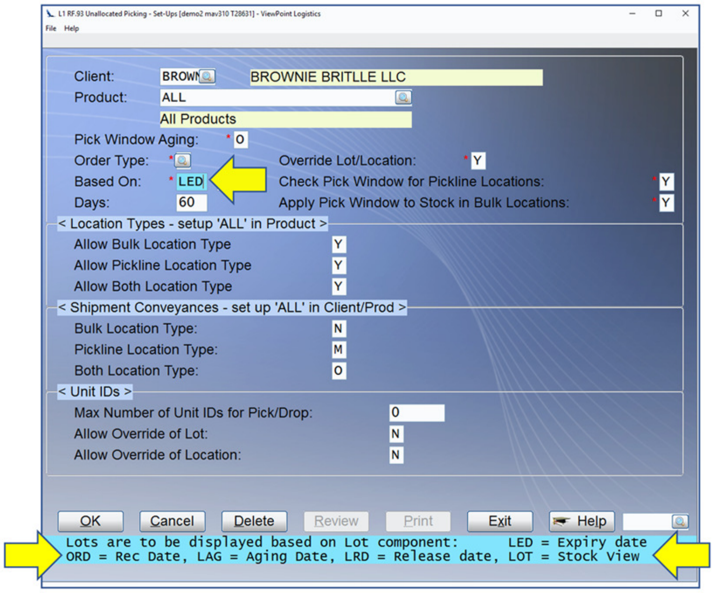
L1 RF.01 R.F. Menu [demo2 mav310 T32301] - ViewPoint Logistics

```
Qty Picked     200
Ord# 444921    Ln 001
Client BROWNI  Wh 25
Prod
Ord Qty
Oldest Lot
 Shipment Conveyance

Pick Loc  FORKLF01
Lot                              < *** Message *** >
 Storage Conveyance
                                   Unallocate Complete
Pick Qty
Drop/Pick (D/P)     D                    <OK>
Location
Accept (Y/N)    Y
```

Unallocated Picking

- ☐ Configurations:
  - How may the Pick Window be defined?
    - ✓ Unallocated Picking – Set-Up (RF.93)
      - Product’s with a Lot Set containing a:
        - ➢ Release Date (*LRD*)
        - ➢ Age Date (*LAG*)
        - ➢ Expiry Date (*LED*)
  - Can Unallocated be used with Lots without a Date?
    - ✓ Unallocated Picking – Set-Up (RF.93)
      - Original Receipt Date (ORD)
      - Stock Control View - 1st Lot Component (LOT)

Unallocated Picking
Pick Window Definition (RF.93)


L1 RF.93 Unallocated Picking - Set-Ups [demo2 mav310 T28631] - ViewPoint Logistics
File
Help
OK
Cancel
Delete
Review
Print
Exit
Help

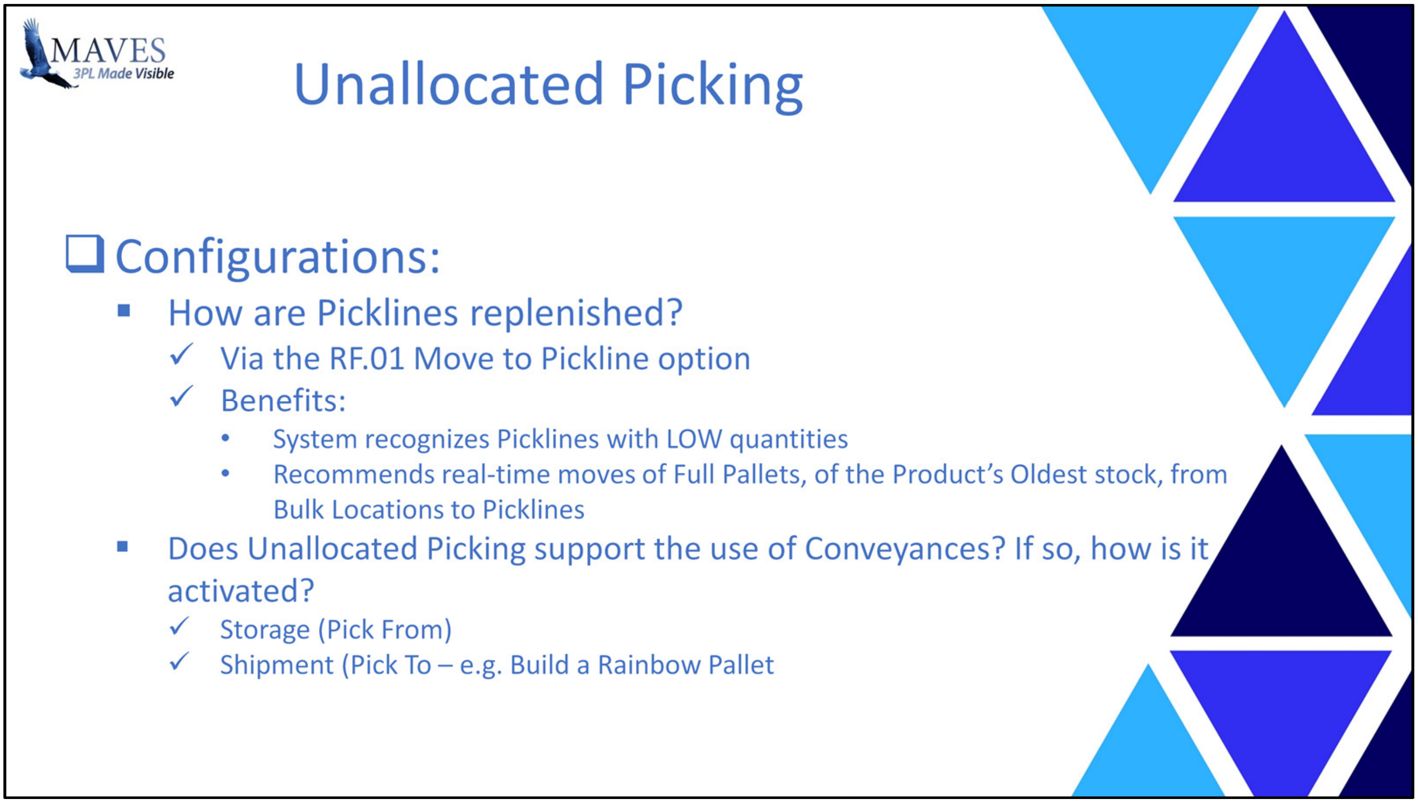
Client: BROWN BROWNIE BRITLLE LLC
Product: ALL
All Products
Pick Window Aging: * O
Order Type: *
Based On: * LED
Days: 60
Override Lot/Location: * Y
Check Pick Window for Pickline Locations: * Y
Apply Pick Window to Stock in Bulk Locations: * Y

< Location Types - setup 'ALL' in Product >
Allow Bulk Location Type: Y
Allow Pickline Location Type: Y
Allow Both Location Type: Y

< Shipment Conveyances - set up 'ALL' in Client/Prod >
Bulk Location Type: N
Pickline Location Type: M
Both Location Type: O

< Unit IDs >
Max Number of Unit IDs for Pick/Drop: 0
Allow Override of Lot: N
Allow Override of Location: N

```
Lots are to be displayed based on Lot component:      LED = Expiry date
ORD = Rec Date, LAG = Aging Date, LRD = Release date, LOT = Stock view
```

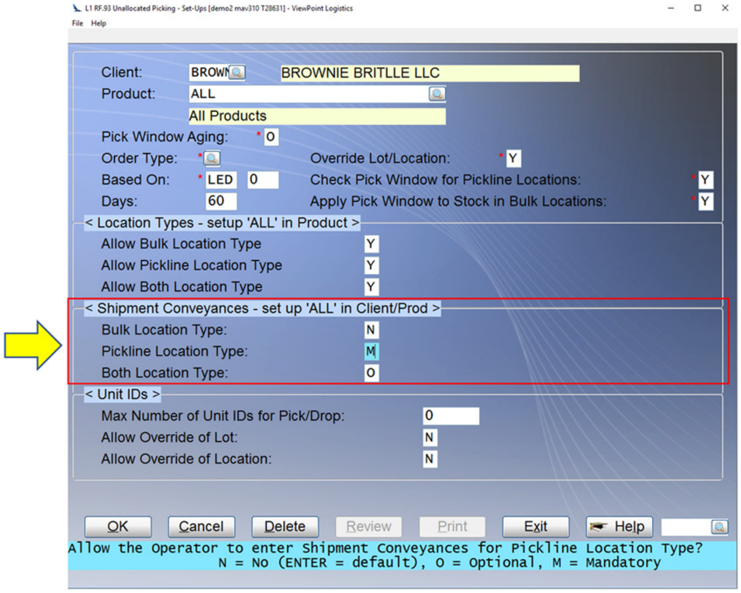


Unallocated Picking

❑ Configurations:

- How are Picklines replenished?
  - ✓ Via the RF.01 Move to Pickline option
  - ✓ Benefits:
    - System recognizes Picklines with LOW quantities
    - Recommends real-time moves of Full Pallets, of the Product’s Oldest stock, from Bulk Locations to Picklines
- Does Unallocated Picking support the use of Conveyances? If so, how is it activated?
  - ✓ Storage (Pick From)
  - ✓ Shipment (Pick To – e.g. Build a Rainbow Pallet

Unallocated Picking
Use of Shipment Conveyances (RF.93)


L1 RF.93 Unallocated Picking - Set-Ups [demo2 mav310 T28631] - ViewPoint Logistics
File
Help
OK
Cancel
Delete
Review
Print
Exit
Help

Client: BROWN BROWNIE BRITLLE LLC
Product: ALL
All Products
Pick Window Aging: * 0
Order Type: *
Override Lot/Location: * Y
Based On: * LED 0
Check Pick Window for Pickline Locations: * Y
Days: 60
Apply Pick Window to Stock in Bulk Locations: * Y

< Location Types - setup 'ALL' in Product >
Allow Bulk Location Type: Y
Allow Pickline Location Type: Y
Allow Both Location Type: Y

< Shipment Conveyances - set up 'ALL' in Client/Prod >
Bulk Location Type: N
Pickline Location Type: M
Both Location Type: O

< Unit IDs >
Max Number of Unit IDs for Pick/Drop: 0
Allow Override of Lot: N
Allow Override of Location: N

```
Allow the Operator to enter Shipment Conveyances for Pickline Location Type?
                  N = No (ENTER = default), O = Optional, M = Mandatory
```

MAVES
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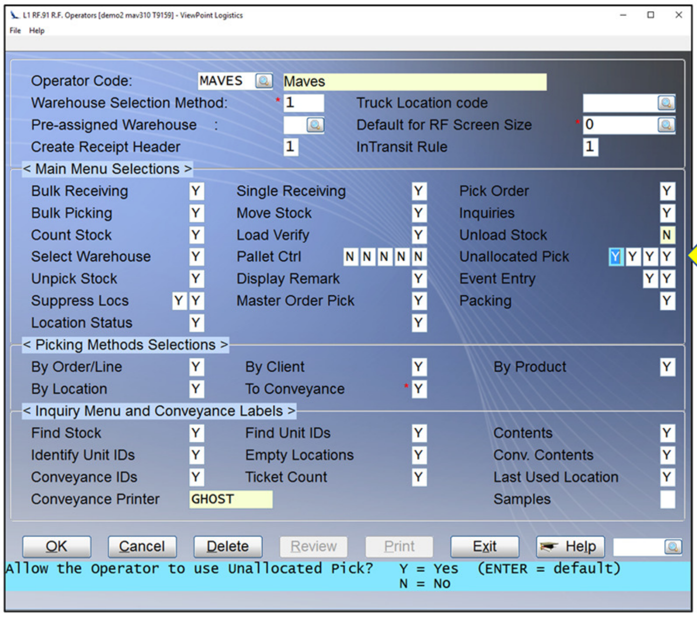
Unallocated Picking

☐ Configuration:

- Can RF Users be restricted to specific Unallocated Picking Tasks?
  - ✓ Unallocated Picking Options (RF.91)
    - Use of Unallocated Picking
    - Select Location Type (i.e. Bulk, Pickline, Both)
    - Use Shipment Conveyances
    - Exit Order before Dropping

Unallocated Picking

Options by RF User (RF.91 – Fields 23-26)


L1 RF.91 R.F. Operators [demo2 mav310 T9159] - ViewPoint Logistics
File
Help
OK
Cancel
Delete
Review
Print
Exit
Help

Operator Code:	MAVES	Maves	
Warehouse Selection Method:	* 1	Truck Location code	
Pre-assigned Warehouse :		Default for RF Screen Size	* 0
Create Receipt Header	1	InTransit Rule	1

< Main Menu Selections >

Bulk Receiving	Y	Single Receiving	Y	Pick Order	Y
Bulk Picking	Y	Move Stock	Y	Inquiries	Y
Count Stock	Y	Load Verify	Y	Unload Stock	N
Select Warehouse	Y	Pallet Ctrl	N N N N N	Unallocated Pick	Y Y Y Y
Unpick Stock	Y	Display Remark	Y	Event Entry	Y Y
Suppress Locs	Y Y	Master Order Pick	Y	Packing	Y
Location Status	Y		Y		

< Picking Methods Selections >

By Order/Line	Y	By Client	Y	By Product	Y
By Location	Y	To Conveyance	* Y		

< Inquiry Menu and Conveyance Labels >

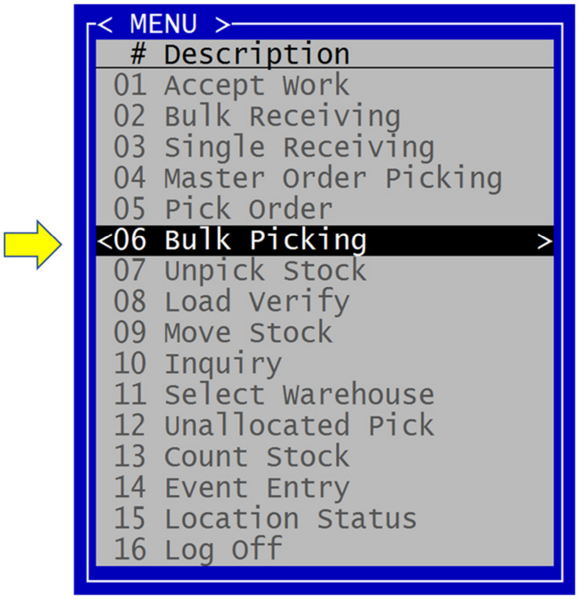
Find Stock	Y	Find Unit IDs	Y	Contents	Y
Identify Unit IDs	Y	Empty Locations	Y	Conv. Contents	Y
Conveyance IDs	Y	Ticket Count	Y	Last Used Location	Y
Conveyance Printer	GHOST			Samples	

```
Allow the Operator to use Unallocated Pick?    Y = Yes   (ENTER = default)
                                               N = No
```

Bulk Picking

- ☐ Business Case/Scenarios:
  - Most often used for Pallet-In/Pallet-Out Clients
  - Multiple Pallets constitute an Order
  - Lot information may include Order data (e.g. Sales Month and Store)
  - Received Pallets are then segregated by Order (into a single Location)
- ☐ Application Scope/Usage:
  - How does it work?
    - ✓ Order is created for appropriate Lot(s)
    - ✓ Pick slip is generated and assigned to Picker. All stock in a single area (Location)
    - ✓ User selects Order and begins scanning Conveyance IDs in the location
    - ✓ System validates ALL stock on Conveyance is required by one/more Lines from the Order
  - What Conveyance Stock Mixes are valid?
    - ✓ Homogenous (Single Product and Lot)
    - ✓ Heterogeneous (Multiple Products/Lots)
- ☐ Benefits to 3PL:
  - Minimizes Picking Time/Cost
  - Ensures that the correct/complete Order is picked

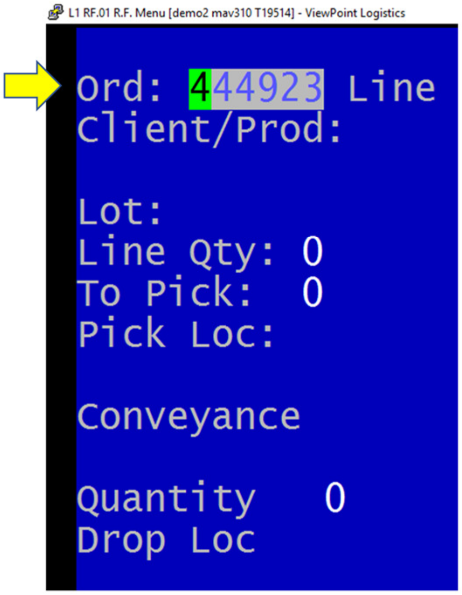
Bulk Picking
Select option



```
< MENU >
  # Description
 01 Accept Work
 02 Bulk Receiving
 03 Single Receiving
 04 Master Order Picking
 05 Pick Order
<06 Bulk Picking          >
 07 Unpick Stock
 08 Load Verify
 09 Move Stock
 10 Inquiry
 11 Select Warehouse
 12 Unallocated Pick
 13 Count Stock
 14 Event Entry
 15 Location Status
 16 Log Off
```

MAVES
3PL Made Visible

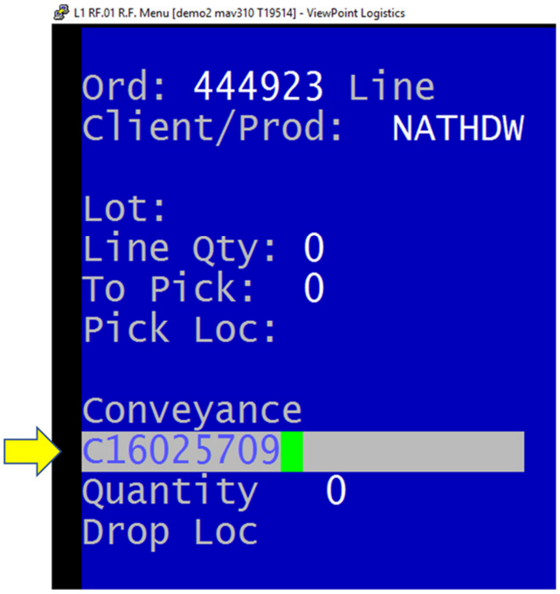
Bulk Picking
Select Order to Pick


L1 RF.01 R.F. Menu [demo2 mav310 T19514] - ViewPoint Logistics

```
Ord: 444923 Line
Client/Prod:

Lot:
Line Qty: 0
To Pick:  0
Pick Loc:

Conveyance

Quantity   0
Drop Loc
```

MAVES 3PL Made Visible

Bulk Picking
Scan Storage Conveyance to Pick

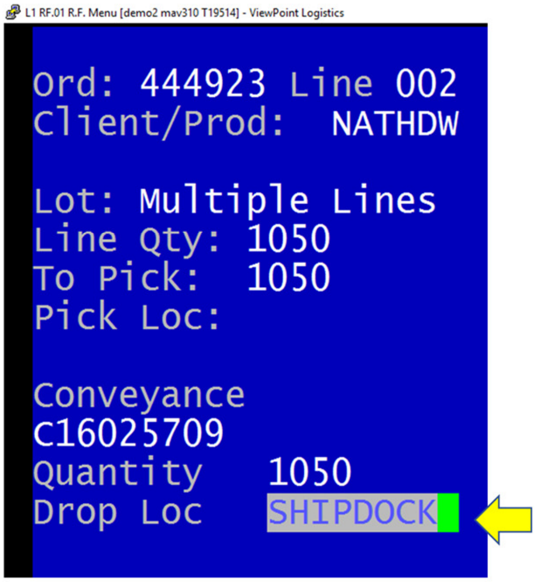


L1 RF.01 R.F. Menu [demo2 mav310 T19514] - ViewPoint Logistics

```
Ord: 444923 Line
Client/Prod:   NATHDW

Lot:
Line Qty: 0
To Pick:  0
Pick Loc:

Conveyance
C16025709
Quantity    0
Drop Loc
```

Bulk Picking

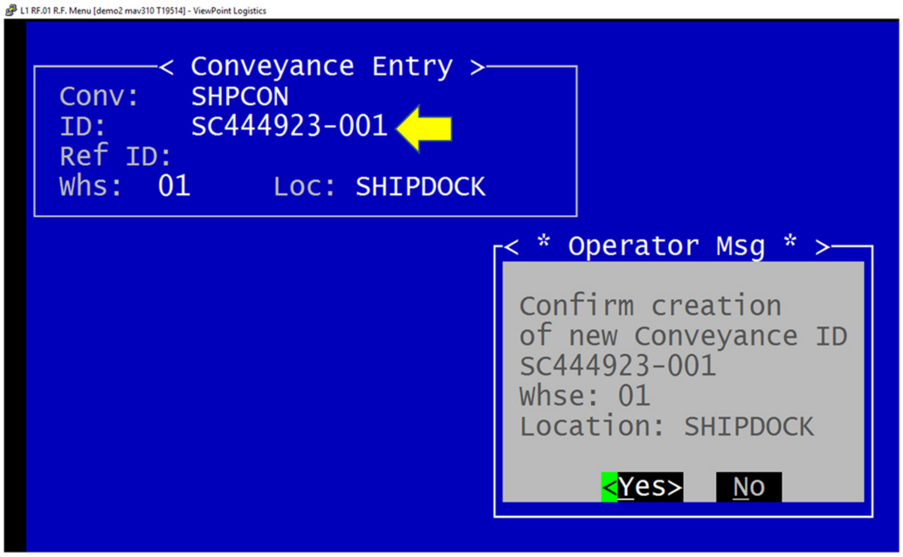
Drop Storage Conveyance to Stage Location


L1 RF.01 R.F. Menu [demo2 mav310 T19514] - ViewPoint Logistics

```
Ord: 444923 Line 002
Client/Prod:  NATHDW

Lot: Multiple Lines
Line Qty: 1050
To Pick:  1050
Pick Loc:

Conveyance
C16025709
Quantity   1050
Drop Loc   SHIPDOCK
```

Bulk Picking

Optional: Identify as Shipment Conveyance

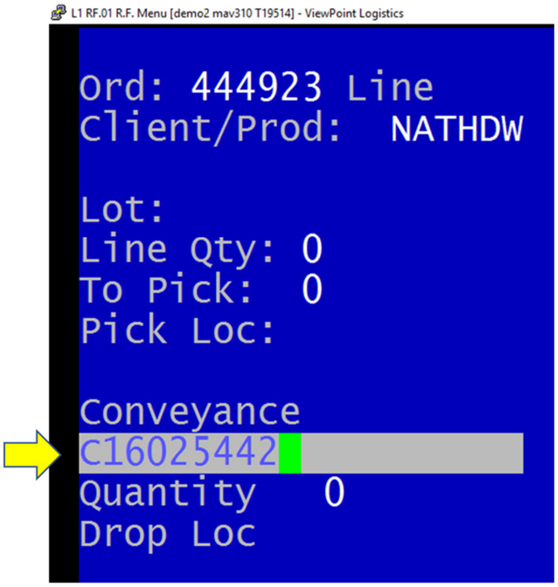


L1 RF.01 R.F. Menu [demo2 mav310 T19514] - ViewPoint Logistics

```
< Conveyance Entry >
Conv:    SHPCON
ID:      SC444923-001
Ref ID:
Whs:   01       Loc: SHIPDOCK

< * Operator Msg * >
Confirm creation
of new Conveyance ID
SC444923-001
Whse: 01
Location: SHIPDOCK

<Yes>  No
```

Bulk Picking

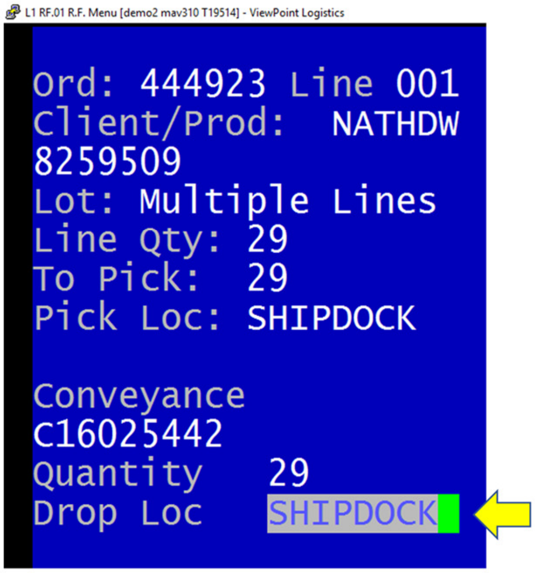
Scan another Storage Conveyance to Pick



L1 RF.01 R.F. Menu [demo2 mav310 T19514] - ViewPoint Logistics

```
Ord: 444923 Line
Client/Prod:   NATHDW

Lot:
Line Qty: 0
To Pick:  0
Pick Loc:

Conveyance
C16025442
Quantity    0
Drop Loc
```

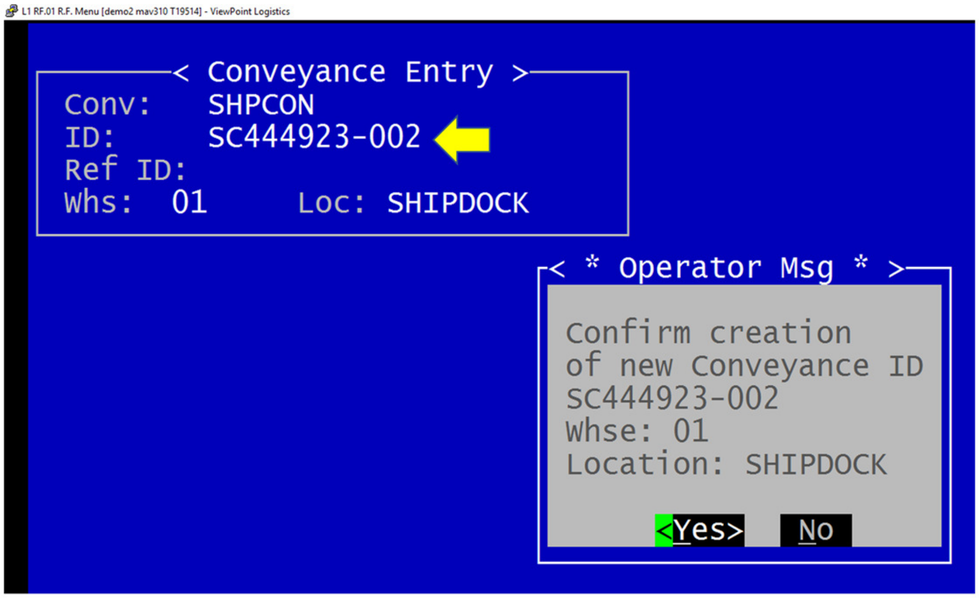
Bulk Picking
Drop Storage Conveyance to Stage Location


L1 RF.01 R.F. Menu [demo2 mav310 T19514] - ViewPoint Logistics

```
Ord: 444923 Line 001
Client/Prod:  NATHDW
8259509
Lot: Multiple Lines
Line Qty: 29
To Pick:  29
Pick Loc: SHIPDOCK

Conveyance
C16025442
Quantity   29
Drop Loc   SHIPDOCK
```

Bulk Picking

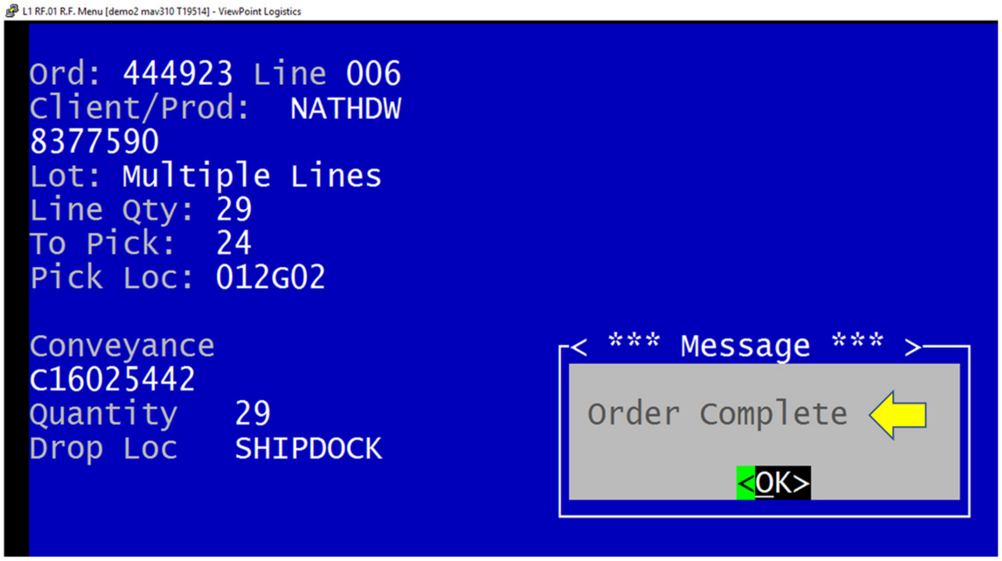
Optional: Identify as Shipment Conveyance



L1 RF.01 R.F. Menu [demo2 mav310 T19514] - ViewPoint Logistics

```
< Conveyance Entry >
Conv:    SHPCON
ID:      SC444923-002
Ref ID:
Whs:   01       Loc: SHIPDOCK

< * Operator Msg * >
Confirm creation
of new Conveyance ID
SC444923-002
Whse: 01
Location: SHIPDOCK

<Yes>   No
```

Bulk Picking
Message: Order Complete



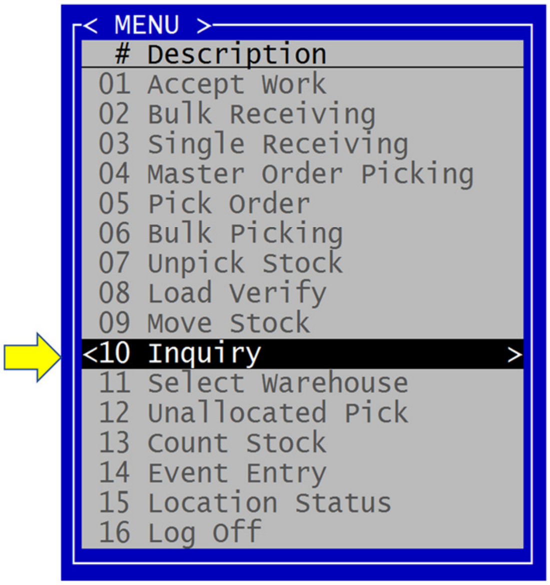
L1 RF.01 R.F. Menu [demo2 mav310 T19514] - ViewPoint Logistics

```
Ord: 444923 Line 006
Client/Prod:  NATHDW
8377590
Lot: Multiple Lines
Line Qty: 29
To Pick:  24
Pick Loc: 012G02

Conveyance
C16025442
Quantity   29
Drop Loc   SHIPDOCK
```

```
< *** Message *** >
Order Complete
```

Bulk Picking

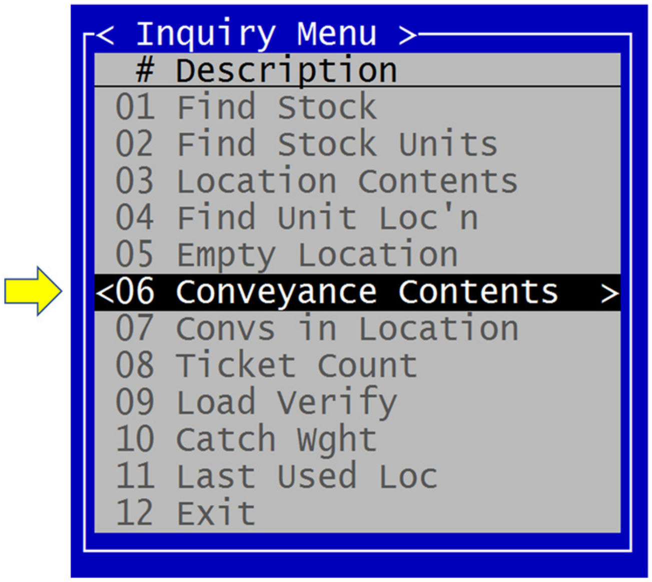
Query – View Shipment Conveyance Contents



```
< MENU >
 # Description
01 Accept Work
02 Bulk Receiving
03 Single Receiving
04 Master Order Picking
05 Pick Order
06 Bulk Picking
07 Unpick Stock
08 Load Verify
09 Move Stock
<10 Inquiry                    >
11 Select Warehouse
12 Unallocated Pick
13 Count Stock
14 Event Entry
15 Location Status
16 Log Off
```

Bulk Picking

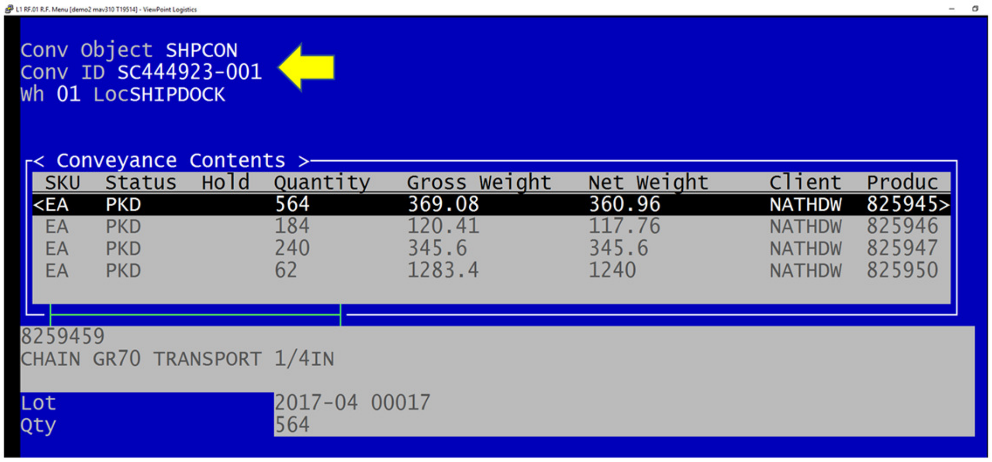
Select Conveyance Contents option



```
< Inquiry Menu >
  # Description
 01 Find Stock
 02 Find Stock Units
 03 Location Contents
 04 Find Unit Loc'n
 05 Empty Location
<06 Conveyance Contents  >
 07 Convs in Location
 08 Ticket Count
 09 Load Verify
 10 Catch Wght
 11 Last Used Loc
 12 Exit
```

Bulk Picking

Scan 1st Shipment Conveyance ID. View Contents

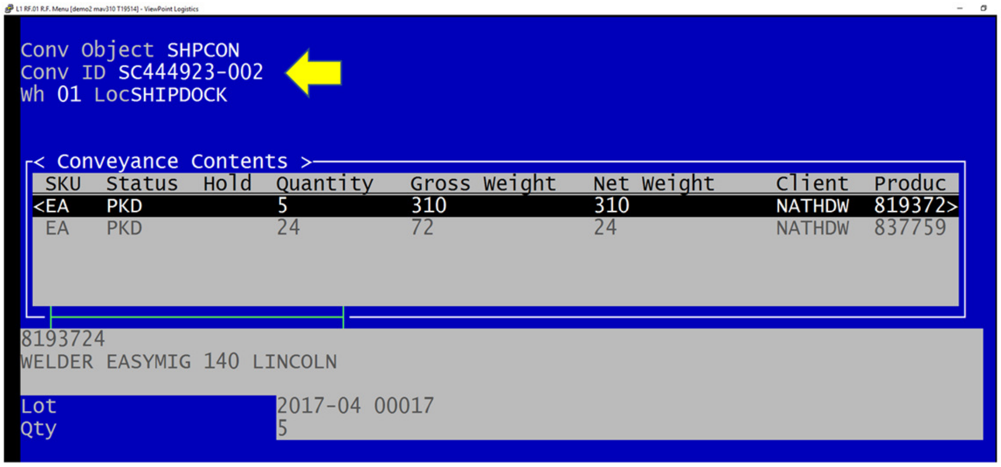


L1 RF.01 R.F. Menu [demo2 mav310 T19514] - ViewPoint Logistics

```
Conv Object SHPCON
Conv ID SC444923-001
Wh 01 LocSHIPDOCK


< Conveyance Contents >
 SKU  Status  Hold  Quantity    Gross Weight   Net Weight     Client  Produc
<EA   PKD           564         369.08         360.96         NATHDW  825945>
 EA   PKD           184         120.41         117.76         NATHDW  825946
 EA   PKD           240         345.6          345.6          NATHDW  825947
 EA   PKD           62          1283.4         1240           NATHDW  825950

8259459
CHAIN GR70 TRANSPORT 1/4IN

Lot                   2017-04 00017
Qty                   564
```

Bulk Picking

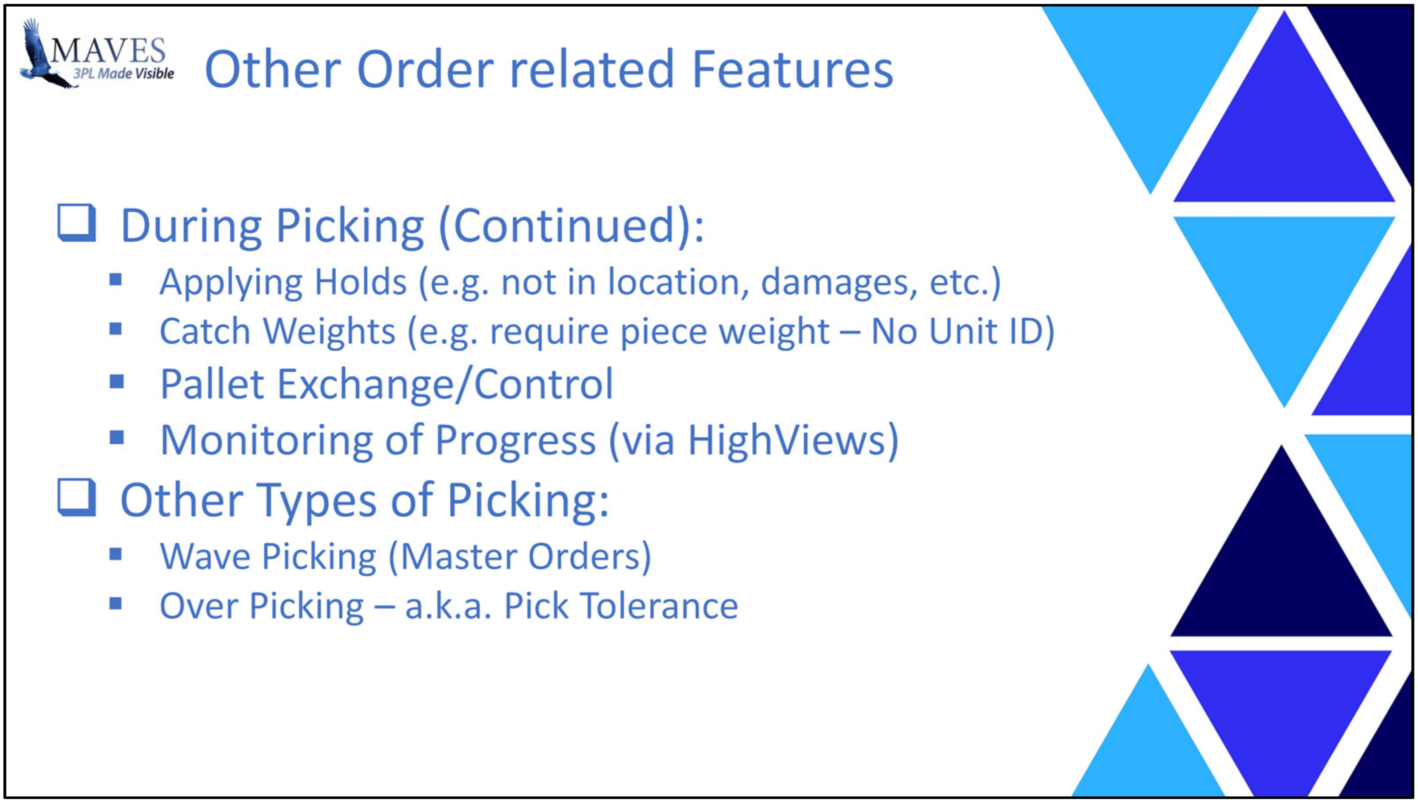
Scan 2nd Shipment Conveyance ID. View Contents


L1 RF.01 R.F. Menu [demo2 mav310 T19514] - ViewPoint Logistics

```
Conv Object SHPCON
Conv ID SC444923-002
Wh 01 LocSHIPDOCK

┌< Conveyance Contents >─────────────────────────────────────────────────────
 SKU  Status  Hold  Quantity    Gross Weight    Net Weight      Client  Produc
<EA   PKD           5           310             310             NATHDW  819372>
 EA   PKD           24          72              24              NATHDW  837759

8193724
WELDER EASYMIG 140 LINCOLN

Lot                     2017-04 00017
Qty                     5
```

Other Order related Features

- Pre-Picking:
  - Work Assignment and Acceptance
  - Automated Generation/Printing of Pick Slip
  - Default of Stage/Drop Locations
- During Picking:
  - Viewing of Remarks
  - Validation of Data (via Scan) for:
    - ✓ Product
      - For 3PL Codes (in CR.62)
      - GTINs
      - Compliant/Proprietary Barcodes
    - ✓ Pick From Storage Location
    - ✓ Conveyance IDs (forces scan – disables entry/browse)
    - ✓ Each Piece (e.g. for High value goods)



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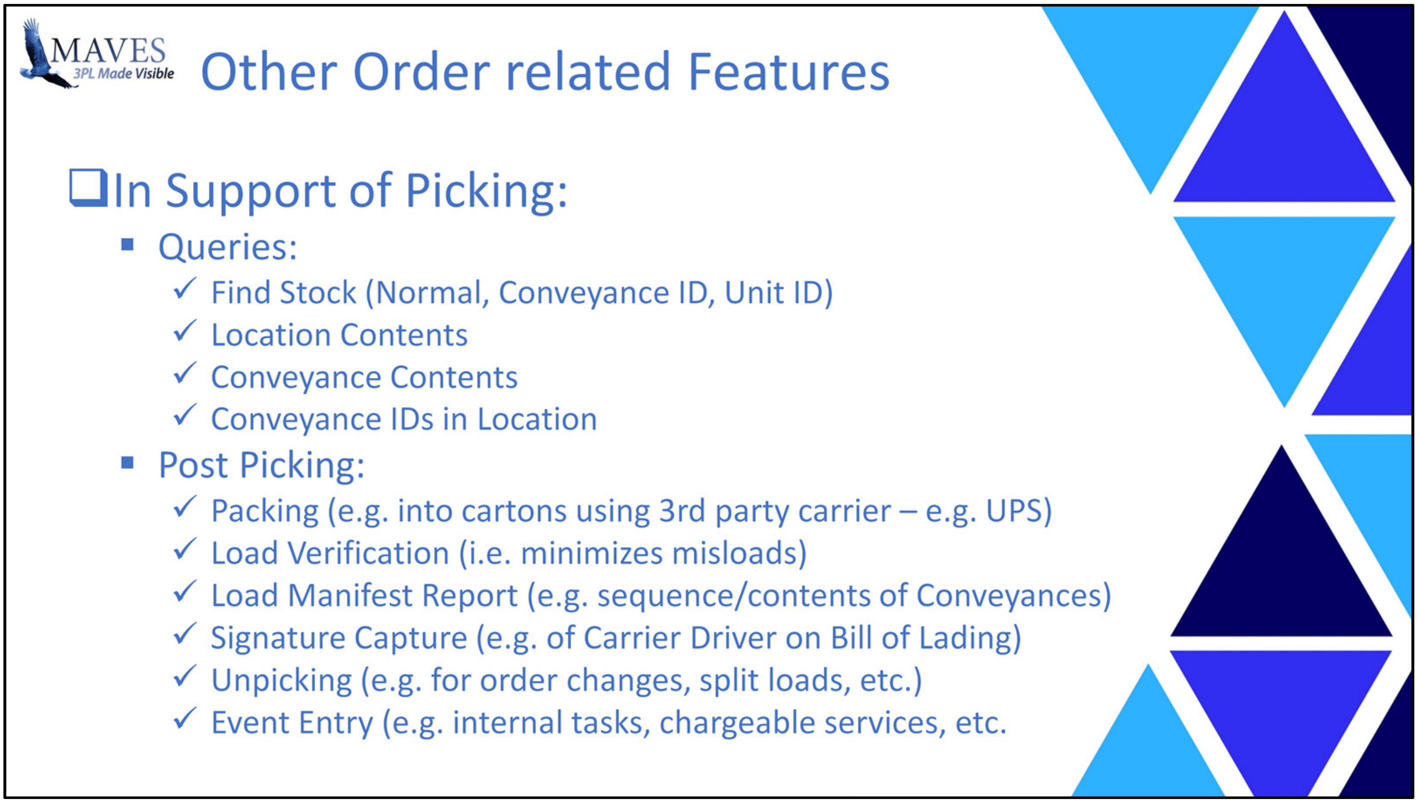
Other Order related Features

- ☐ During Picking (Continued):
  - Applying Holds (e.g. not in location, damages, etc.)
  - Catch Weights (e.g. require piece weight – No Unit ID)
  - Pallet Exchange/Control
  - Monitoring of Progress (via HighViews)
- ☐ Other Types of Picking:
  - Wave Picking (Master Orders)
  - Over Picking – a.k.a. Pick Tolerance



Other Order related Features

❑In Support of Picking:

- Queries:
  - ✓ Find Stock (Normal, Conveyance ID, Unit ID)
  - ✓ Location Contents
  - ✓ Conveyance Contents
  - ✓ Conveyance IDs in Location
- Post Picking:
  - ✓ Packing (e.g. into cartons using 3rd party carrier – e.g. UPS)
  - ✓ Load Verification (i.e. minimizes misloads)
  - ✓ Load Manifest Report (e.g. sequence/contents of Conveyances)
  - ✓ Signature Capture (e.g. of Carrier Driver on Bill of Lading)
  - ✓ Unpicking (e.g. for order changes, split loads, etc.)
  - ✓ Event Entry (e.g. internal tasks, chargeable services, etc.

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Questions and Answers