

CHAPTER 56 - MATERIAL ISSUE – RF OPTION 872

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CHAPTER 56 - MATERIAL ISSUE – RF OPTION 87

The purpose of this processing is to create an outbound order through the RF terminal that defaults the majority of the order header information, simplifies the allocation process, and then directs the same operator to pick the inventory.

Typically, the RF operator receives a quantity of pre-labeled empty bins from a customer. He enters the order detail from the information on the bin and then picks and stages the order. The exterior of the bin contains the item id and the quantity. The RF operator selects option 87 on the RF screen, enters basic order info, and then begins scanning bins (ITEM ID, Quantity). When complete, the RF operator uses a function key to tell the system that they are done with the material issue/order request and to allocate the inventory. No wave planning is processed. The system creates pick tasks for the product and the operator is directed to the picks. The order is loaded and shipped in the usual way.

```
80  Misc-2 Menu

81 - Inv Adjustment
82 - Consolidate MP
83 - Loc Topoff
84 - QA Inspection
85 - Reprint LP
86 - Bld Inspect LP
87 - Material Issue
88 - Item Inquiry
89 - Fill Location

Selection =>[ ]

Enter # of item
```

The Material Issue option is available from the Misc-2 Menu. The RF operator is able to either start a new order or add item entries to an existing order header that was previously created.

If an existing order is to be used, the orderid and shipid must be entered on the RF on the Order line. This order could have been entered from either the RF screen or the CRT screen. The order must pass various edits and the user may not change any of the "order header" information using the RF screen. Header information can only be changed via the CRT.

Entering the Order via the RF

If a new order is being entered on the RF, then **no orderid is entered** (it will be assigned by the system), but the operator must enter Customer ID, Ship To, Carrier, Shipment Type, Shipment Terms, and Scheduled Ship Date; and optionally Reference ID and Stage Location.

```
87 Material Issue
Order 
Customer
Ship To
Carrier
Type      Terms
Ship Date  /  /
Ref
Stage Loc
LP

===== Detail =====
Itm
Qty      UOM

Enter order info
```

```
87 Material Issue
Order
Customer 1caljam
Ship To 00926
Carrier 3way
Type 1      Terms ppd
Ship Date 09/24/2013
Ref mat issue
Stage Loc stg01
LP 0924130000000800

===== Detail =====
Itm 
Qty      UOM

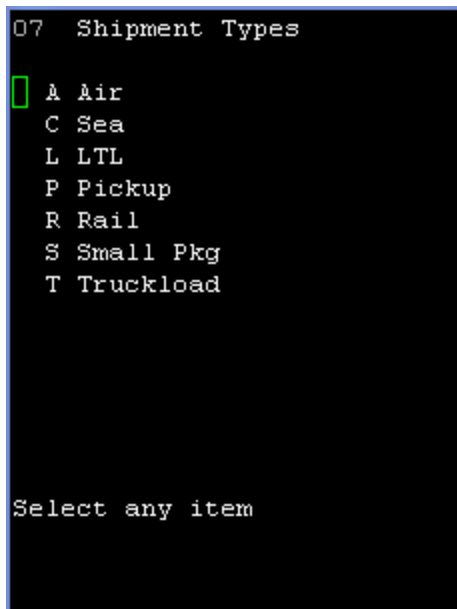
Enter detail,F4-Done
```

If there is only one consignee for a customer, that consignee will be automatically filled into the Ship To field and the cursor will be placed in the carrier field.

Shipment Terms = 3rd Party are not allowed via this RF menu as that involves entry of the Bill Freight To field. Order Headers for 3rd Party freight should be entered via the CRT.

The Ship Date cannot be in the past. If the order was created via the CRT, the ship date must be updated via the CRT before the operator can proceed.

The '?' help entry is active for Customer, Ship To, Carrier, Shipment Type and Shipment Terms. If the selection list is longer than 1 page, the use of the F10 key for Next Screen and the F9 key for Previous Screen is available.



Detail entry consists of item, lot number (if applicable), quantity and unitofmeasure. If no unitofmeasure is entered, the base unitofmeasure will be used automatically.

```
87 Material Issue
Order
Customer lcaljam
Ship To 00926
Carrier 3way
Type L      Terms PPD
Ship Date 09/24/2013
Ref mat. issue
Stage Loc stg01
LP 0924130000000801

===== Detail =====
Itm 1002
Qty 5      UOM ?
Enter detail,F4-Done
```

The RF operator can enter this data by scanning the information from the customer's bins, but only bins that the operator intends to pick now - i.e. this is designed to be one-operator processes as the operator scanning the bins and creating the order will continue on to do the picking.

The '?' help entry is active for unitofmeasure.

```
07 Units of Measure

CS Case
PLT Pallet

Select any UOM
```

The operator will also enter a "license plate". This plate is where all of the wanded bins are located and will be used during loading so that individual bins do not have to be re-identified. The entered plate should either be a deleted plate or a non-existent plate.

When the item entries are added, the operator indicates this using the F4 key. He will then be prompted with the message "Generate picks?". N will return him to add more detail. Y will create the order header and detail records and allow the operator to start picking.

```
87 Material Issue
Order
Customer lcaljam
Ship To 00926
Carrier 3way
Type 1      Terms ppd
Ship Date 09/24/2013
Ref mat issue
Stage Loc stg01
LP 092413000000800

===== Detail =====
Itm
Qty      UOM

Generate picks? ☐
```

Note: The order header and detail are not added to the database until all the detail is added and the operator has confirmed that the picks should be generated. This is designed as a continuous function. If the operator exits the function during order entry and before the picks, no order data will be kept.

If the quantity entered of the item is not available, the RF operator will be warned that the item is short.

```

87 Material Issue
Order
Customer 1caljam
Ship To 00926
Carrier 3way
Type L      Terms PPD
Ship Date 09/24/2013
Ref mat. issue
Stage Loc stg01
LP 092413000000801

===== Detail =====
Itm 1014
Qty 2      UOM

2 CS Short OK?

```

The item will be added to the order but no picking will be generated.

Synapse 2 - [Order 370206-1 for Customer 1CALJAM]

Order ID: 370206 | Ship ID: 1 | Type: 0 | Customer ID: 1CALJAM | Cust PO: | Reference: MAT.ISSUE

To Facility: | Appointment Date/Time: | RMA: | Bill of Lading: | Shipper: ☐ OneTime

Status: Released | Status by: TRF2 | Status Update: | Priority: Normal | ☐ Has consequences

Load: | Stop: | Shipment: | Load Status: | Load Appointment Date/Time: | ☐ Has consequences

Wave: | | | |

| | | |

| | |

Legend: Hazardous Over Short Cancelled

Item	Lot Number	Order Qty.	UOM	Picked Qty.	Rcvd Qty.	Ship Qty.	Entered UOM	Entered Qty.	Ordered Item	Status	Returned Qty.	Hazardous?	Description
1002		5	Case				Case	5	1002	Active	0	N	Hermione Potions Book
1010		5	Case				Case	5	1010	Active	0	N	Harry Potter Wands
1014		2	Case				Case	2	1014	Active	0	N	Gillyweed

3 | 12 | 0 | 0

LINUX2TEST Facility ZET (Last Update by TRF2 at 9/24/2013 06:23 PM)

Picking and Staging the Order

Once the operator indicates that they are done scanning bins, the system will generate picks tasks (task type = PK) for the entered data. Depending upon the number of bins scanned the operator may experience a delay, prior to being able to proceed with picking, while the system generates pick tasks.

Facility	Priority	Task Type	Assigned To	From Location	From Section	To Location	To Section	Plate	UOM	Quantity	Item	Customer	Preassign To
ZET	Active	Pick	TRF2	STOR70	01	STG01	01	031413000000101	CS	5	1002	1CALJAM	

The operator will be asked whether they should be routed according to pick sequence (Loc) or the order in which the bins were scanned (Entry).

```
===== Detail =====  
Itm  
Qty          UOM  
  
Entry or Loc? █
```

The "normal" picking functionality (i.e. cant pick, skip pick, etc.) is operational during picking and the screen will show the previously entered plate preceded by the heading "MILP" - for Material Issue License Plate.

```
34 Material Issue In  
CALIFORNIA DISTRIBUT  
Order 370206*  
Pick 1      PLT FULL  
   5      CS      1  
Itm 1002*  
Hermoine Potions ...  
  
Loc STOR70      Full  
LP 031413000000101  
LP █  
  
MILP 092413000000801  
Pick. F4-Done
```


Item	Lot Number	Order Qty.	UOM	Picked Qty.	Rcvd Qty.	Ship Qty.	Entered UOM	Entered Qty	Ordered Item	Status	Returned Qty.	Hazardous?	Description
1002		5	Case	5			Case	5	1002	Active	0	N	Hermoine Potions Book
1010		5	Case				Case	5	1010	Active	0	N	Harry Potter Wands
1014		2	Case				Case	2	1014	Active	0	N	Gillyweed

If the operator exits picking, the pick tasks remain on the task list for later assignment.

After completing the picks, the plate is then staged. Staging can be at any location without worry of the system re-using the contents for other orders. If the operator stages the LP before completing all picks, they will be required to enter another LP since the system does not allow the same plate to be staged twice.

```

34 Material Issue In
CALIFORNIA DISTRIBUT
Order 370206*
Pick 1      PLT FULL
    5      CS      0
Itm 1002*
Hermoine Potions ...

Loc STOR70      Full
LP 031413000000101
LP 031413000000101

MILP 0924130000000801
Pick/Stage?

```

The order is assigned to a load through the normal procedures.

For loading, the RF operator will enter the load and it will show them all locations where plates (containing bins) are located. They can then load the bins. The plates will be deleted from the system, but they can be re-used at a later time.

Once the load is closed, the bins get shipped.

Additional Information

Normal RF shipping options (i.e. Split Master, Combine Master and Restage) are also available to handle customer demand.

This process will handle the picking as if the "Pick To Type" value set on the Item Specs/UOM screen is set as Full. (i.e., Pick until the container/conveyance is full based on the operator's assessment.)

Backorder Processing

For normal orders, there are 4 backorder policies available for a line item as described in the following chart.

Value	Processing	Abbreviation
A	Backorder the entire line item – do not pick short. This option cancels the line item at wave release and creates a new order with the exact same line item.	BackOrderAll
N	No Backorder--Ship Short -- no backorder created at load close	NoBackOrder
P	Ship Available--backorder created at load close	BackOrdrPart
X	Cancel the line item at wave release	Cancel

The material issue processing function currently does the following when an item is short:

Value	Processing
A	Since there is no wave release, this option is not

	supported for the Material Issue option.
N	Allows the picker to pick what is available (if anything). No backorder is created at load close
P	Allows the picker to pick what is available (if anything). The backorder is created at load close
X	Since there is no wave release, this option is not supported for the Material Issue option. The user is given a warning if sufficient inventory is not available and they can choose to "not enter" the line item by answering "N" during the MI order entry.

Order Header Information for RF-generated Orders

Note that the History Tab will show the source of the order as CRT (even though it was added by a RF operator) but a comment will be added to the order header to show the source of the order was the material issue process.

Change Date	User ID	Action	Plate	Item	Lot	Short Message
9/24/2013 06:23 PM	TRF2	ADD				Add Order Header source: CRT
9/24/2013 06:23 PM	TRF2	ADD DTL		1002		Add Order Detail. Qty:5
9/24/2013 06:23 PM	TRF2	ADD DTL		1010		Add Order Detail. Qty:5
9/24/2013 06:23 PM	TRF2	ADD DTL		1014		Add Order Detail. Qty:2
9/24/2013 06:29 PM	TRF2	CHANGE				Change order fields: orderstatus=[4]->[5]
9/24/2013 06:29 PM	TRF2	Pick Plate	000000022521445	1002		Pick Qty:5 from LP:031413000000101

Count = 6

Order Info Shipping Summary **Comments*** Ship To Addl. Info

Instructions* BOL Comments Cancellation Info Attachments

☐ Automatically display instructions when handling

Automatically created by material issue