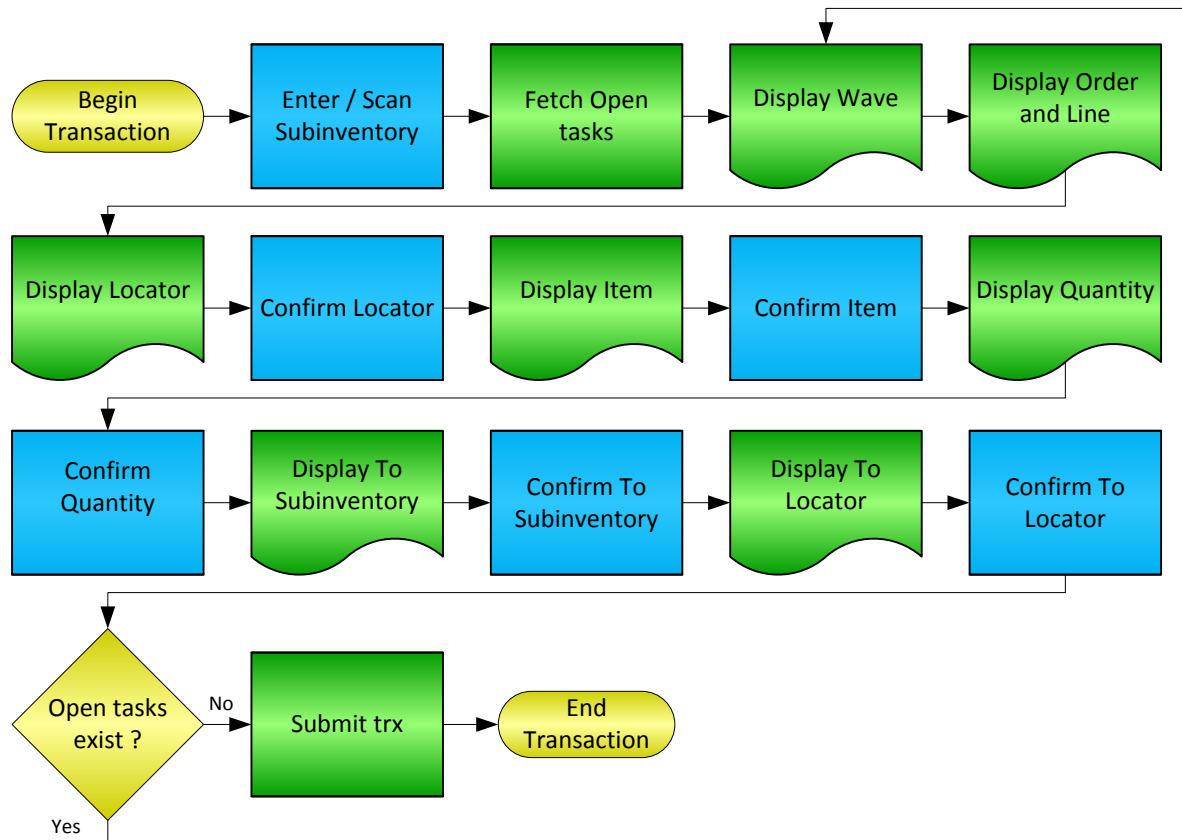


WMS Directed Wave Pick



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Requirements

- RFgen Version 5.0 or later
- RFgen Oracle E-Business Suite Release 12
- Oracle E-Business Suite Release 12

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FWMSPICK03 WMS - DIRECTED WAVE PICK



This mobile app directs the user to pick wave tasks from Oracle WMS based on user location. The directed wave pick mobile app assigns and loads tasks which are updated with the information entered upon completion of the transaction. A pick confirm transaction record is recorded and updated in Oracle E-Business Suite (Oracle Applications).

Note: any of these parameters may be easily adjusted to meet the unique requirements of your company adjusted to meet the unique requirements of your company.

✓ Validations

Prompt	Oracle Field	Table	Field
Region Permissions			
Picking Region			
Get Assignment	Tasks	wms_waveplan_tasks_temp	transaction_source_line_id
Get Picks			
Picked	Trans Temp Id	wms_task_load	Validate_pick_to_LPN, Task_Load
Get Delivery Location			
Stop Assignment			

✓ Display

Prompt	Oracle Field	Table	Field
Wave #	Wave Number	wms_wp_wave_lines	wave_header_id
SO#:	Sales Order	wms_wp_wave_lines	source_header_number
SO Item:	Item	mtl_system_items_b_kfv	concatenated_segments
SO Line:	Line	wms_wp_wave_lines	Source_line_number
Item#:	Item	mtl_system_items_b	segment1
Frm Sub:	Subinventory	mtl_secondary_inventories	secondary_inventory_name
Frm Loc:	Locator	mtl_item_locations_kfv	concatenated_segments
Qty:	Quantity	wms_wp_wave_lines	requested_quantity
UOM:	UOM	wms_wp_wave_lines	requested_quantity_uom
To Sub:	To Subinv	mtl_secondary_inventories	secondary_inventory_name
To Loc:	To Locator	mtl_item_locations_kfv	concatenated_segments

↩ Function Keys

Key	Function
F1	Search Data for Current Field
F4	Exits mobile app

Considerations

1. What Oracle EBS version is used to process the Selection transaction?
2. Are there any WMS Items that can be used?
3. How would you like to display all the pending tasks for a subinventory to a shop floor user or a supervisor be assigning tasks to a shop floor users?
4. Will the picking transactions need additional features for tasks or can they be accepted immediately upon being entered?

Oracle EBS Forms – Reference

Oracle WMS Control Panel Form

Find Tasks (W1)

Query
Description

Task | Inbound Plan | Inbound | Outbound | Manufacturing | Warehousing

Location

Source Subinventory
Source Locator
Destination Subinventory
Destination Locator

Resources

Employee
Role
Equipment Type
Equipment

Source

Inbound ☐ Manufacturing ☐
Outbound ☒ Warehousing ☐
Crossdock ☐

Status

Unreleased ☒ Pending ☒ Queued ☐
Dispatched ☐ Active ☐ Loaded ☐
Completed ☐

Task

User Task Type
Priority -
Creation Date -
UOM Minimum Maximum
Age

Item

Item
Item type
Category Set
Category
Quantity -

Tasks (W1)

	...	Pl...	Re...	Me...	Status	Pri...	Wave ...	Sourc...	Li...	Item
•		Indep...			Pending		3	16449	1.1	WM233
		Indep...			Pending		9	16451	1.1	WM281
		Indep...			Pending		201	16472	2.1	WM281

Add

Remove

Filter

Manage

Summarize

Tasks

Exceptions

Summary

Total Record Count 3

How Oracle EBS Processing Option Affects RFgen

Affected RFgen Forms and Transaction Macros

Description	Form Name	Transaction Macro Name
WMS – Directed Wave Picking	FWMSPICK03	TWMSPICK03

Setup an RFgen Menu

Implement an RFgen mobile app using EBS Processing Options in an RFgen Menu.

Form/Menu	Description to Display
FWMSPICK03	Directed Wave Picking

Basic Test Script

1. Select the Responsibility “Whse Mgmt Super User” in order to utilize WMS functionality.
2. Create a Sales Order for WMS then book the order.
3. Release the Sales Order that was just created by entering in the field Based On Rule “WMS Pick Release” and enter in additional data if necessary.
4. Select the WMS Control Board to query up “All Uncompleted Tasks” where the Sales Order that was released has now been assigned to tasks of a status with “Pending”.
5. Login to RFgen with the appropriate User name and password.
6. Select the Directed Picking mobile app and start the tasks.
7. In the WMS Control Board, if the user queries the tasks again, the tasks’ statuses are now “Loaded” for the tasks that have been assigned to the user.
8. After the user has gone through all the tasks, the tasks are loaded into the RFgen transaction manager where the User must select to Start Processing the transactions so that they are able to update to Oracle correctly.

Test Script Description: Selection

RFgen Input Requirements

Before you begin testing, ensure, for the combination of organization, subinventory and item(s) you will be testing, that the following is setup in Oracle EBS.

- a. Item
- b. System Quantity

A default organization is defined for the application.

Execution Procedures

ID	Test Case	Expected Result	Pass	Fail
1	Type in a valid subinventory _____ Press the ENTER key	RFGEN will validate and accept the s subinventory entered.		
2	Type in a valid Locator _____ Press the ENTER key	RFGEN will validate and accept the locator entered.		
3	Type in a valid item# _____ Press the ENTER key	RFGEN will validate and accept the item entered.		
4	Type in a valid quantity _____ Press the ENTER key	RFGEN will validate and accept the quantity entered.		
5	Type in a valid to subinventory _____ Press the ENTER key	RFGEN will validate and accept the destination subinventory entered.		
6	Type in a valid to locator _____ Press the ENTER key	RFGEN will validate and accept the destination locator entered.		
7	Type in an invalid subinventory _____ Press the ENTER key	RFGEN will validate and reject the subinventory entered.		
8	Type in an invalid Locator _____ Press the ENTER key	RFGEN will validate and reject the locator entered.		
9	Type in an invalid item# _____ Press the ENTER key	RFGEN will validate and reject the item entered.		
10	Type in an invalid quantity _____ Press the ENTER key	RFGEN will validate and reject the quantity entered.		
11	Type in an invalid to subinventory _____ Press the ENTER key	RFGEN will validate and reject the destination subinventory entered.		
12	Type in an invalid to locator _____ Press the ENTER key	RFGEN will validate and reject the destination locator entered.		
13	At the RFGEN "Press F5 to Process" Prompt	Complete the tasks and pick confirm the lines, the validated values are inserted in interface table and Oracle EBS transacts and completes tasks .		

Overall Test Case Results

Pass/Fail	
Tester/Date	
RE-Tester/Date	

Actual Results	
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Comments	
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