Athens Move Order
IM-136901

Functional Design Specification
For
Oracle Move Order
RPT 219-1

Owner: **Merial Limited - A Sanofi Company**
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Proprietary for use at Merial

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DOCUMENT HISTORY

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2.0			1. description of change 2. description of change
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EXTENSION DESCRIPTION

To eliminate the use of the DC-009 request form to complete inventory transfers to, and issues from the ATM Oracle organization, for all inventory being delivered within the Athens Manufacturing site.

BASIC BUSINESS NEEDS

Athens Receiving and Material Services (RMS) are currently utilizing Oracle Mobile Supply Chain Applications (MSCA) for inventory adjustments and transfers. However, the expansion of this technology; when used in conjunction with Oracle Move Order functionality, can improve inventory processes, accuracy, and documentation between RMS and Athens Manufacturing. The process of requesting and fulfilling inventory for the ATM Oracle organization is primarily a manual process.

DESIGN DETAILS

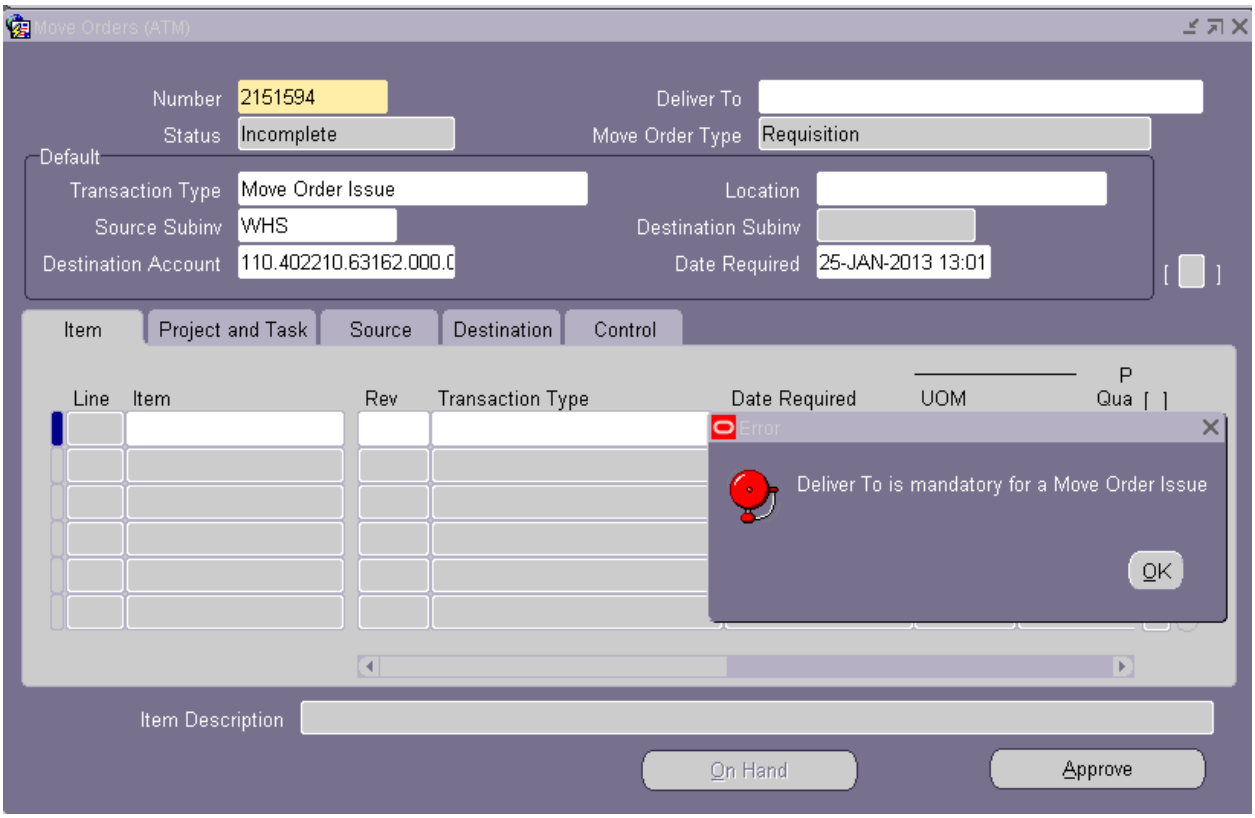
There are two Oracle functionalities being utilized within the Oracle Inventory application for this process; Move Order and MSCA. Each will be detailed separately in this section.

Move Order Functionality

There are essentially two forms and one report being utilized in this functionality. The forms are "Move Order" and "Merial – Transact Move Order". The report is the "Merial Move Order Report".

Move Order Form

The Move Order form is a standard form and will be utilized globally by Merial SAS (FR) and Merial Limited (US). This form will be used to transact inventory using two transaction types: Move Order Transfer and Move Order Issue. These transaction types are standard in Oracle. There will be an additional enhancement added to the form for this extension. The standard "Description" text box will be changed to "Deliver To" and will be prompted for mandatory data entry when a Move Order Issue transaction type is created. This text field has been made mandatory so that the requestor is prompted to enter a destination (or delivery) location for consumable or disposable inventory to be transported and then used later during batch processing. However, this text field is not designed to validate against data in Oracle; therefore, the user can essentially place any data (correct or incorrect). The field is only designed to detect that data is present. The importance entering accurate data will be covered in user training.

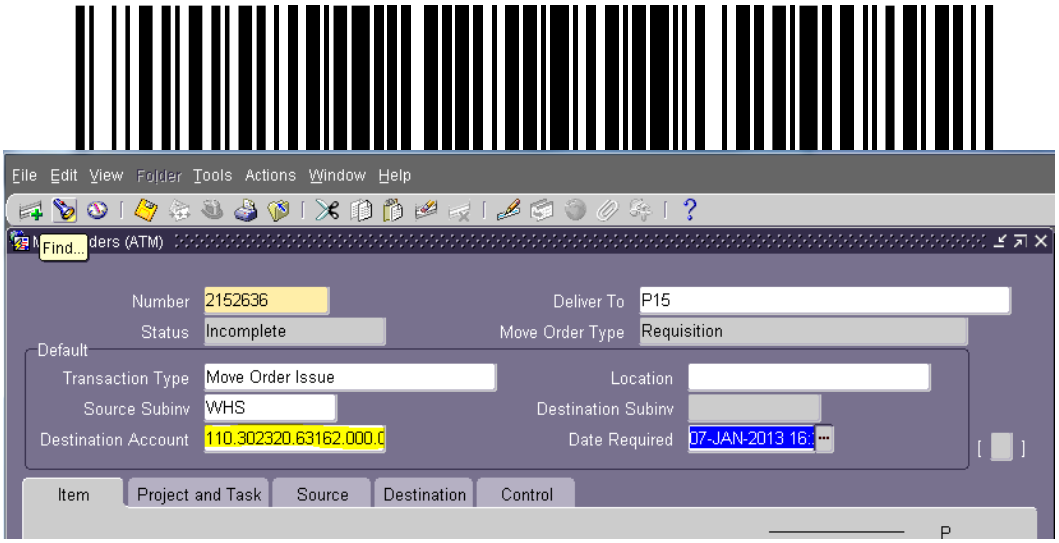


The data entered in the "Deliver To" will be populated on the Merial Move Order Report and will be visible on the mobile devices.

Also, when a Move Order Issue is created, the requestor must enter a Destination Account. However, since Account Aliases are not supported by standard Oracle Move Order functionality, lasers will be used to accurately manage the entry of account segments. The account segments will be translated into barcodes, printed out and laminated. These laminated sheets will then be made available to the respective users. These barcode "readers" will only be able to work with a standard desktop computer as an additional peripheral. An example is provided below:

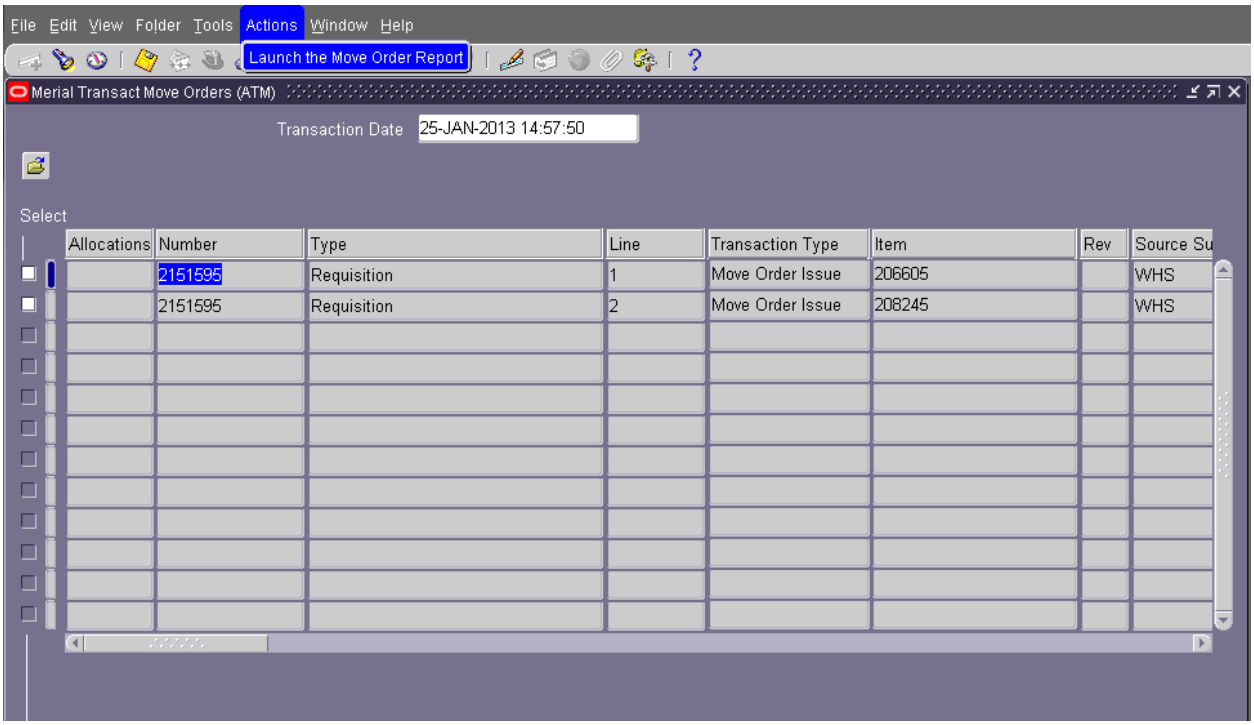
- Scan the barcode with the reader and the account number (31 digit number) will populate in the Destination Account area of the form

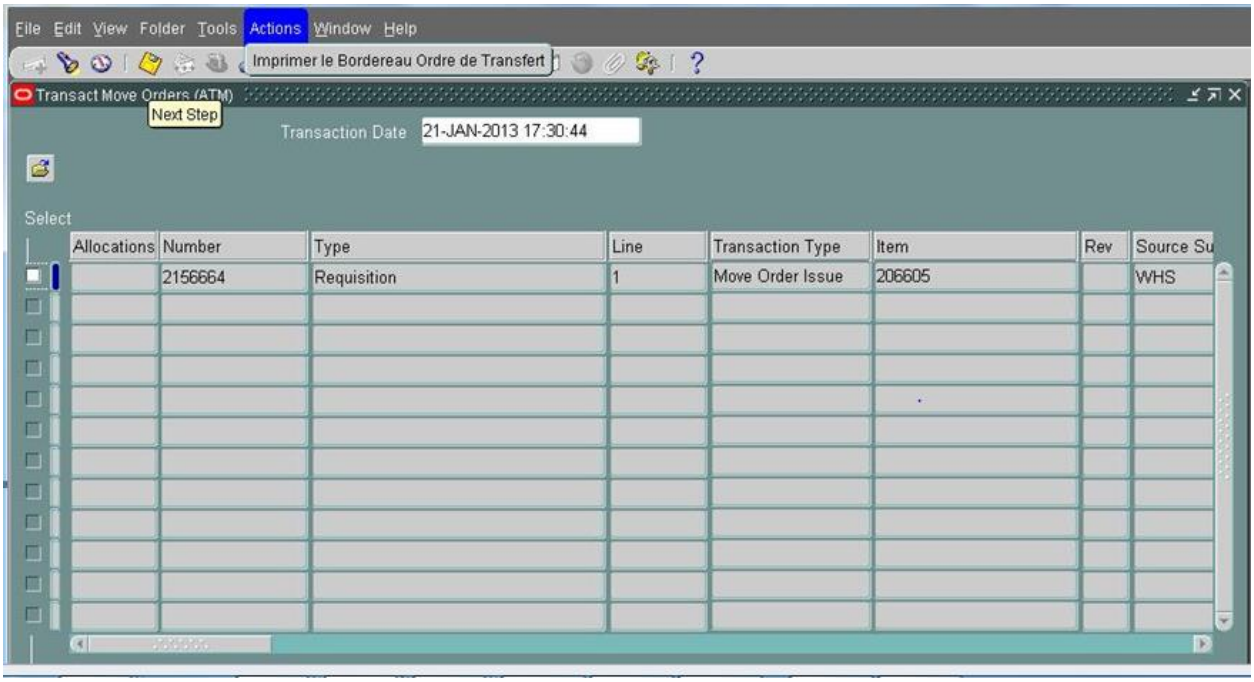
ATSVFIL – Athens Small Volume Filling



Merial – Transact Move Order Form

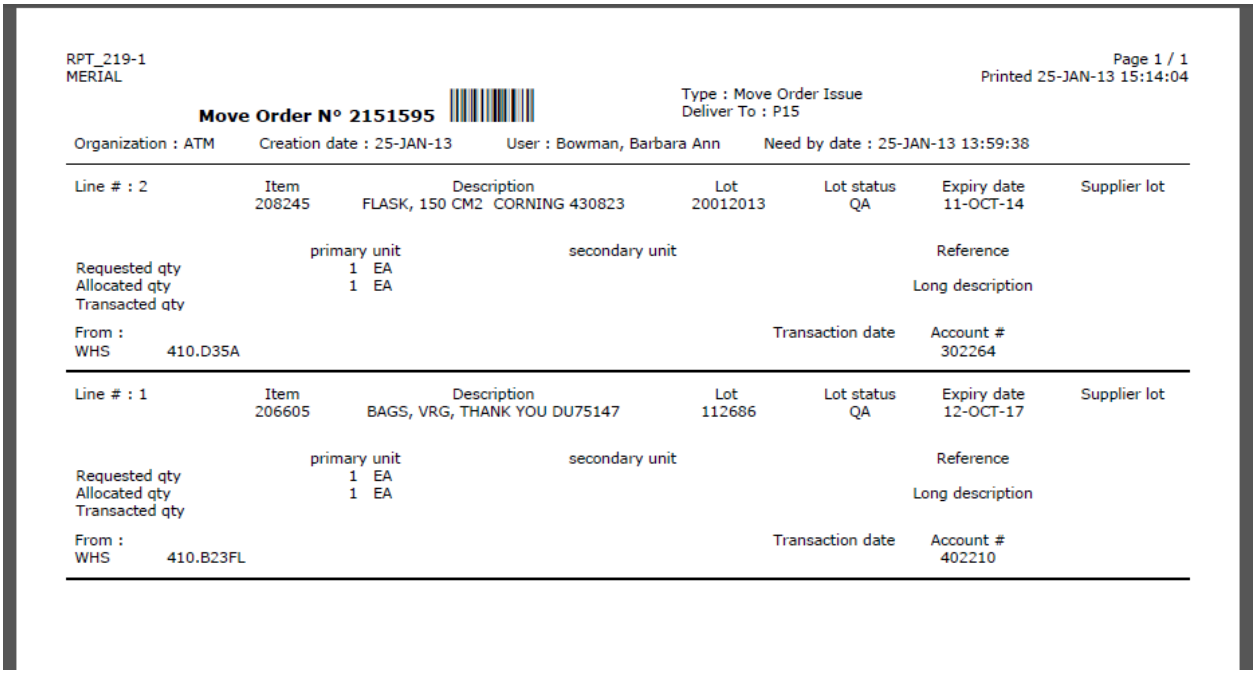
The Merial – Transact Move Order form is a customized version of the standard form that is currently being utilized by Merial SAS (see PTM-FDS-RPT-219-1-FR). This form will allocated inventory by the "First Expiry First Out" (FEFO) rule at the lot level. The RMS Inventory Specialist will also be able to override the FEFO lot allocation choices, if desired. The form has been updated for this extension to be utilized globally and the language translation for the Merial Move Order Report will be based on the language chosen when logging into Oracle.





Merial Move Order Report

The Merial Move Order Report is also currently utilized by Merial SAS. For this extension, the data entered in the "Deliver To" textfield the the Move Order form will be populated on the report.



RPT_219-1
MERIAL

Page 1 / 1
Printed 25-JAN-13 15:14:04

Move Order N° 2151595

Type : Move Order Issue
Deliver To : P15

Organization : ATM Creation date : 25-JAN-13 User : Bowman, Barbara Ann Need by date : 25-JAN-13 13:59:38

Line # : 2	Item	Description	Lot	Lot status	Expiry date	Supplier lot
	208245	FLASK, 150 CM2 CORNING 430823	20012013	QA	11-OCT-14	

	primary unit	secondary unit	Reference
Requested qty	1 EA		
Allocated qty	1 EA		Long description
Transacted qty			

From : WHS 410.D35A Transaction date Account # 302264

Line # : 1	Item	Description	Lot	Lot status	Expiry date	Supplier lot
	206605	BAGS, VRG, THANK YOU DU75147	112686	QA	12-OCT-17	

	primary unit	secondary unit	Reference
Requested qty	1 EA		
Allocated qty	1 EA		Long description
Transacted qty			

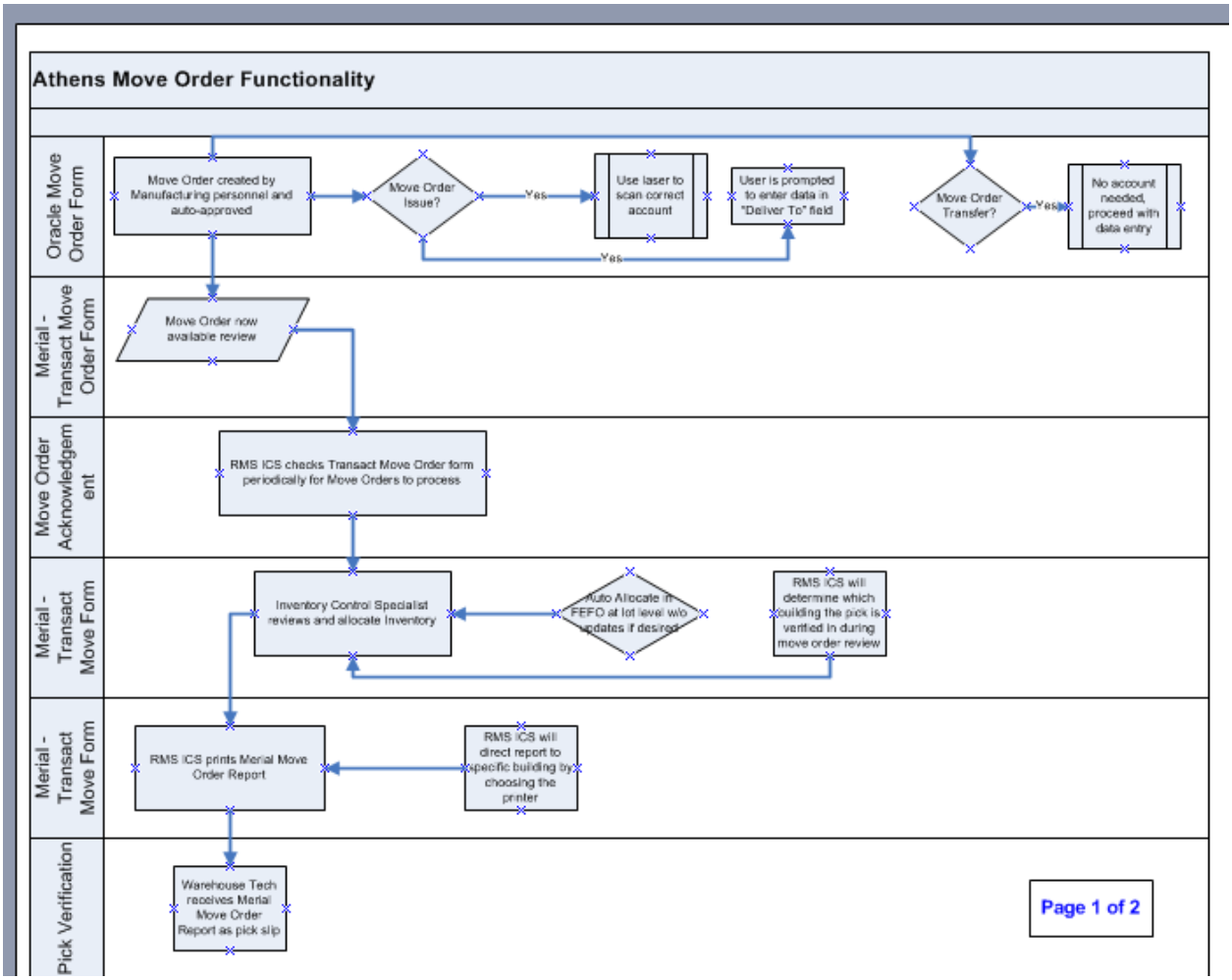
From : WHS 410.B23FL Transaction date Account # 402210

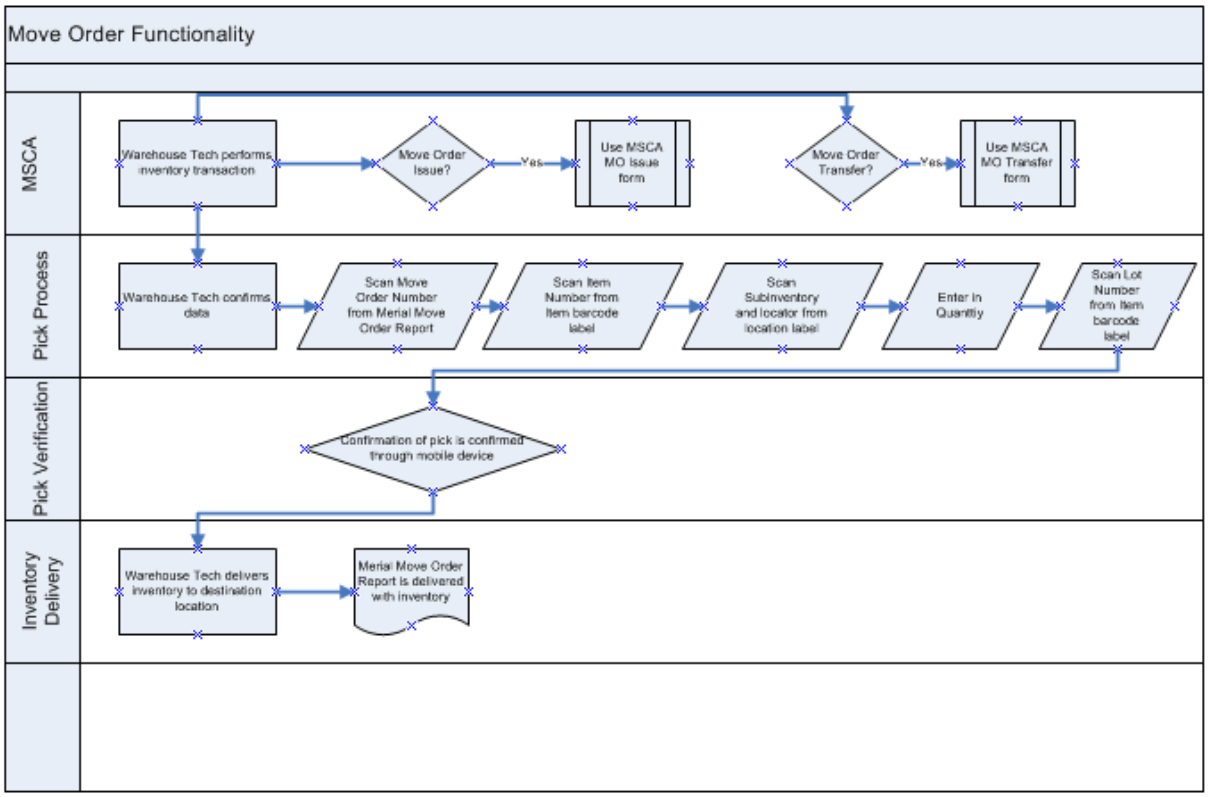
Oracle Mobile Supply Chain Application (MSCA)

There will be no enhancements to this application for this extension. All forms are standard.

PROCESS FLOW

These diagrams have also been embedded in this document (powered by Microsoft Visio) for closer visability.





Athens Move Order WBS_v4.vsd

DEFINITIONS

a. RMS ICS – Receiving and Material Services Inventory Control Specialist
b. MSCA – Mobile Supply Chain Application
c. HPQC- Hewlett Packard Quality Center (ISQA testing software)

USER PROCEDURES

Since the Merial – Transact Move Order form is customized to auto-allocate inventory by the "First Expiry First Out" (FEFO) rule at the lot level, the user must be aware that if the standard Transact Move Order form is used; then the FEFO auto-allocation will not be provided there. At this time, there is not further plan to suppress the use of the standard

Transact Move Order form in the Merial INV Limited Recv/Whse Clerk or Merial Inventory US Limited roles. It will also be recommended that the Inventory Specialist performing the allocation verifies that the FEFO rule is not allocating inventory from an undesired lot. For example, RMS only allocates inventory from lots that are in locators under the WHS Subinventory. However, there has been no customization to block non-WHS related locators and lots from allocation. Currently, it is the Inventory Specialist's responsibility to verify the FEFO allocation and to change it as necessary.

BUSINESS RULES

1. Creation of Move Orders will be available to all personnel responsible for requesting inventory via issue or transfer.
2. Fulfillment of Move Orders will be available to all personnel responsible for fulfilling inventory requisitions.
3. All material requisitions will have a unique number.
4. Material requisitions will contain a description (comments), item, lot, quantity, destination sub-inventory and location (in the case of a transfer) and/or destination account (in the case of an issue).
5. Ensure that all Items are processed in the Primary Unit of Measure (UOM).
6. Material requisitions approval is not required.
7. Allocation is performed based on a FEFO inventory method.
8. Auto-allocation of inventory may be reviewed and changed as needed before fulfillment occurs. This includes the ability to fulfill the requested quantity from multiple lots.
9. Inventory with a "PEND" lot status cannot allocate to Move Orders.
10. Generation of a Custom Pick Slip is readily available.
11. Ability to fulfill Move Orders using Oracle MSCA
12. Move Order related customizations should be globally standardized as appropriate.
13. The DC-009 request form will still be utilized for the following requests processed in Oracle:

    a. Account Aliases with mandatory reason code entry. For example Adjustment Industrial ATM:
       - Government, Quality Control, Quality Assurance Samples
       - Cycle Count Adjustments
       - Vendor/MFG Shortage/Overage

    b. Project Accounting
       - Special Projects
       - IDD

    c. Account Alias Receipts

ASSUMPTIONS

No additional RFID equipment will be necessary to deploy this functionality.
No additional printers will be necessary to deploy this functionality.

Any changes to the business process will work in conjunction with standard Oracle functionality.

Business procedures will be developed for those DC-009 transactions that are out of scope for this project.

Only internal OCC Global Development team members are expected for any customizations, as no budget has been given for external development resources.

FORM DESCRIPTIONS (USE THIS SECTION FOR CUSTOM FORMS)

Move Order Form

There will be an additional enhancement added to the form for this extension. The standard "Description" text box will be changed to "Deliver To" and will be prompted for mandatory data entry when a Move Order Issue transaction type is created. This text field has been made mandatory so that the requestor is prompted to enter a destination (or delivery) location for consumable or disposable inventory to be transported and then used later during batch processing. Please see section 3.1.1 for more details.

Merial – Transact Move Order Form

The Merial – Transact Move Order form is a customized version of the standard form that is currently being utilized by Merial SAS (see PTM-FDS-RPT-219-1-FR). This form will allocated inventory by the "First Expiry First Out" (FEFO) rule at the lot level. The RMS Inventory Specialist will also be able to override the FEFO lot allocation choices, if desired. The form has been updated for this extension to be utilized globally and the language translation for the Merial Move Order Report will be based on the language chosen when logging into Oracle. Please see section 3.1.2 for more details.

BUSINESS IMPACT

Currently, requestors complete a paper form known as a DC-009 request form and forwards it to the RMS Inventory Control Specialist; who manually proceeds with the allocation and prints the request for order preparation. The current process is time-consuming and often leaves room for error and/or misinterpretation of material requirements and/or fulfillment. By substituting the use of this request form with an improved process, utilizing Oracle functionality more effectively; the needed reduction in time to request and to fulfill inventory can occur. This in turn, can improve efficiency and accuracy of inventory management for the Athens site.

AUTHORIZATION/SYSTEM ADMINISTRATION

The following Oracle UMX roles are needed to carry out the Move Order functionality:

a) Merial INV Limited Recv/Whse Clerk
b) Merial Inventory US Limited
c) Merial MSCA US RMS Limited

Merial INV Limited Recv/Whse Clerk and Merial Inventory US Limited roles will provide users with access to the Move Order form for Move Order Transfer and Move Order Issue submission. These roles also provide users with access to the Merial – Transact Move Order form to submit the FEFO auto-allocation and to update allocations as needed. Through user training and business processes, the users will know who is to use what functionality.

The Merial MSCA US RMS Limited role, in conjunction with mobile computers, will be used by the RMS Warehouse Team to perform a pick confirmation on the allocated inventory. Once pick-confirmed through the mobile computers, then the warehouse team will delivery the inventory to the requestor.

NAVIGATION

To navigate to the Move Order form

From Merial INV Limited Recv/Whse Clerk or Merial Inventory US Limited:
Navigate to Move Orders - Move Orders and open form

To navigate to the Merial – Transact Move Order Form

From Merial INV Limited Recv/Whse Clerk or Merial Inventory US Limited:
Navigate to Move Orders - Merial - Transact Move Order and open Merial - Transact Move Order form

PERFORMANCE CONSIDERATIONS

Not Applicable

IMPLEMENTATION CONSIDERATIONS

The following implementation steps are to be utilized for this extension:

STAT file CSR 2159 AS 5 + setup to be done by IS Analyst

VALIDATION

Testing Requirements

Listed below are the scripts used to test this functionality and can be found in HPQC – "66 US Move Order" folder, under the OCC project, OCC_Global_Scenario_Repository domain. The regression scripts were created to test the Move Order functionality. The non-regression scripts for FR, US and Financials are standard scripts used to validate that there are no interruptions in the current functionality, associated or otherwise, with the new functionality being introduced to the system:

Regression Scripts

PTM - Move Order Issue – Diff Financial Accounts
PTM - Move Order Issue IO with different Lot Numbers
PTM - Move Order Issue QC with different Locators
PTM - Move Order Issue RD with decimal quantity

PTM - Move Order Transfer – Diff Destination Locators
PTM - Move Order Transfer – Future Dated
PTM - Move Order Transfer – Multiple Scenarios
PTM-Move Order Txns Across Months-Daily Live
PTM-Move Order Txns Across Months-Perpetual

Non-Regression Scripts for US

a) PTM-INV-MSCA Functionality script
b) PTM-INV-Sub Inventory Transfer Lim script
c) PTM-US-INV IC Role LIM
d) PTM-US-INV MFG-Account-Alias LIM

Non-Regression Scripts for FR

a) Test non regression Move Order Base QAE

Non-Regression Financial Scripts

a) PTM-US-OPMF Period Close - OPMF LIM

ERROR HANDLING

Not Applicable

CONCURRENT PROGRAM DESCRIPTION

When the Merial Move Order Report is launched from the Merial – Transact Move Order form, it is redirected to prompt a single concurrent request also called Merial Move Order Report. This request is only launched at the user's request.

UNIT/LINK TEST SCENARIO

The test scripts listed in section 14.1 have data condition sheets that are attached to each script in the Test Plan and Test Lab areas of HPQC. They can be found in 66 – US Move Order Athens folder.

Sr. No.	Condition to be Tested	Expected Result
1.		
2.		
3.		
4.		
5.		
6.		

ADDITIONAL PROJECT INFORMATION

More documentation can be found on the "Athens Move Order Project" eRoom. The following folders are currently present:

a) Project Charter
b) Project Plan
c) Test Scripts
d) Demos
e) Flow Charts
f) Meeting Minutes
g) Business Requirements
h) IS Documents
i) Financial Account Barcodes
j) Barcode Scanners Needs
k) Training Documents